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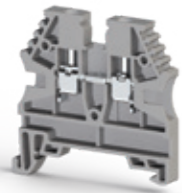


**PRODUCT CATALOGUE  
2020**

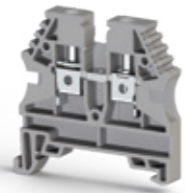
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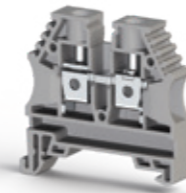
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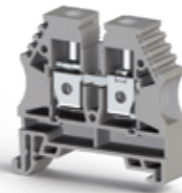
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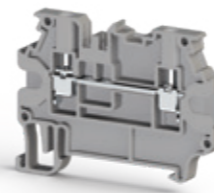
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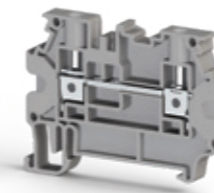
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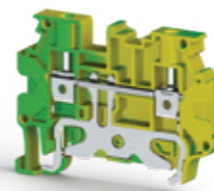
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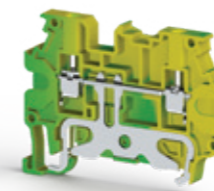
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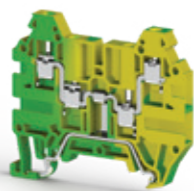
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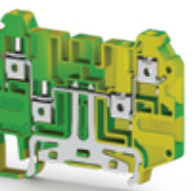
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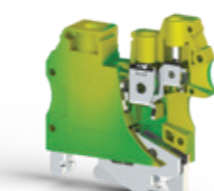
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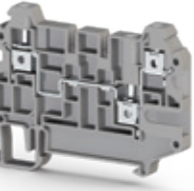
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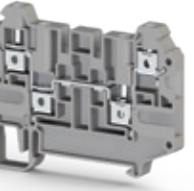
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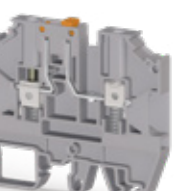
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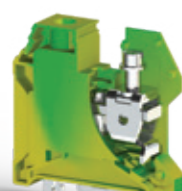
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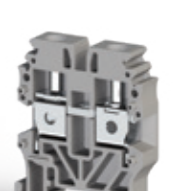
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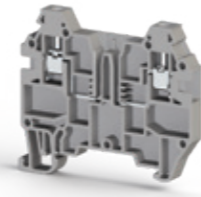


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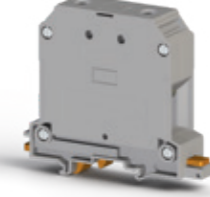


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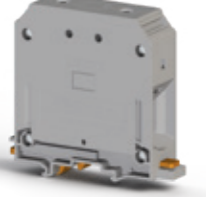
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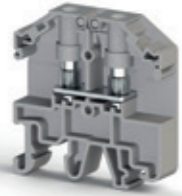


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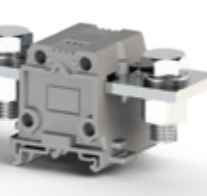
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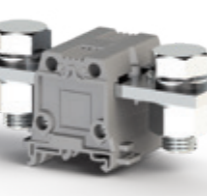
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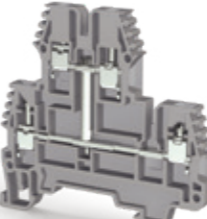
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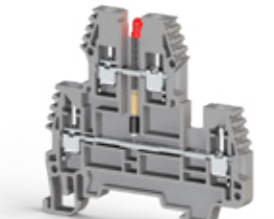
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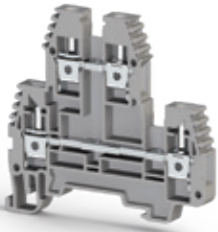
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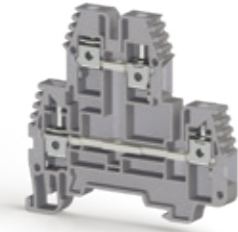
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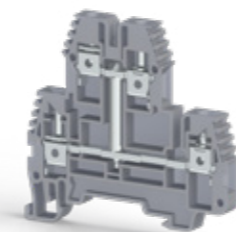
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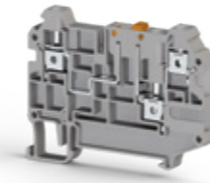
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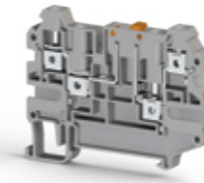
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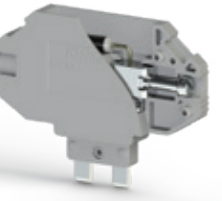
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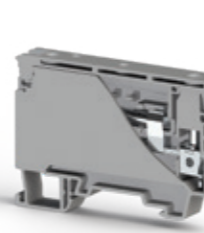
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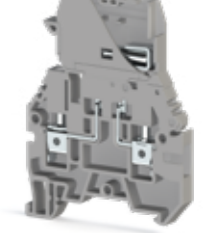
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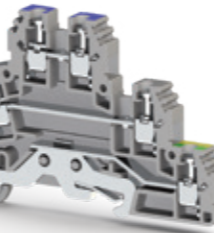


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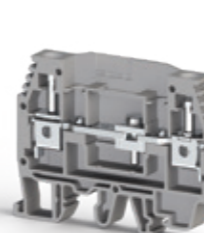


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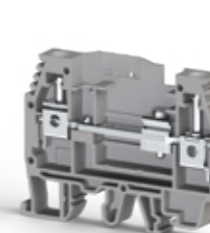


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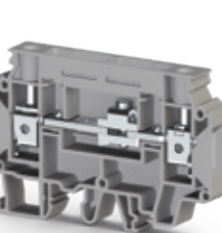
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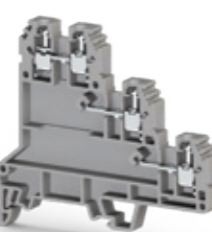


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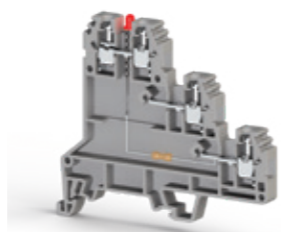


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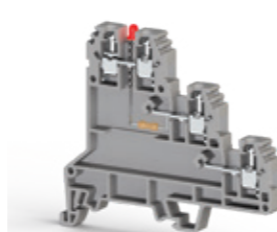
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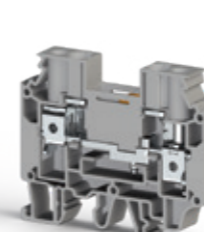
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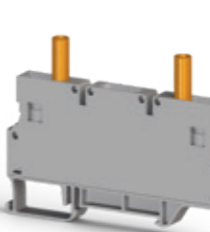
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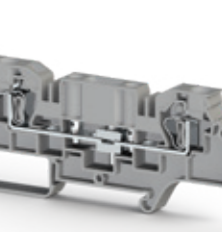
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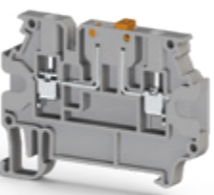
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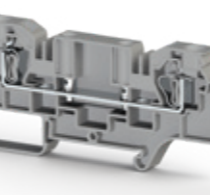
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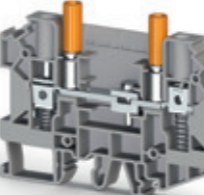
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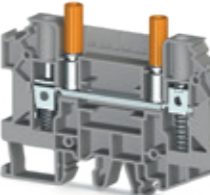
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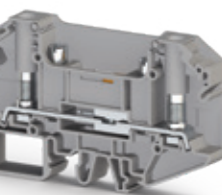
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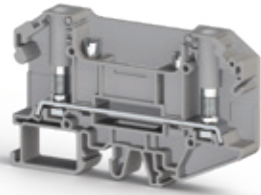
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Double Deck Earth Terminals

Screw Type Disconnect Terminals

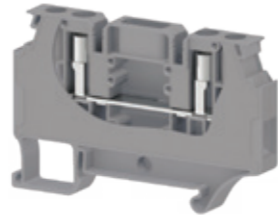
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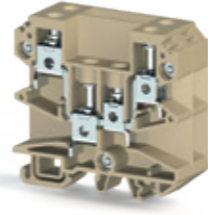
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WGO 6 Series  
Test and Disconnect Terminals

Distribution Terminals

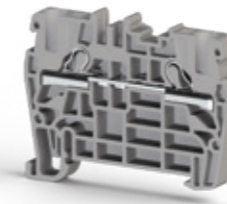
**AYK 10/16**  
395 100 / Page: 100



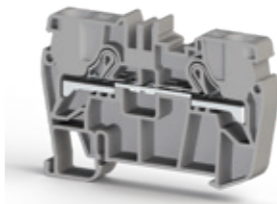
**PYK 2,5**  
307 109RP / Page: 115



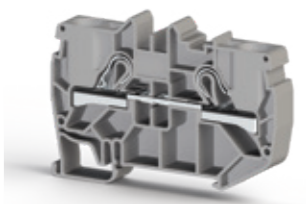
**PYK 4**  
307 119RP / Page: 115



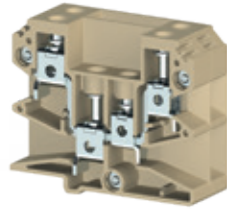
**PYK 6**  
307 129 / Page: 115



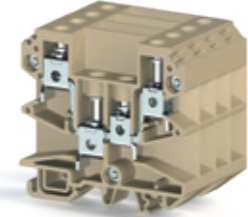
**PYK 10**  
307 139 / Page: 116



**AYK 10/16**  
395 200 / Page: 100

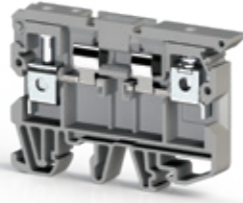


**AYK 10/16-2,3,4,5**  
395 200 / Page: 101



Screw Type Fuse Terminals

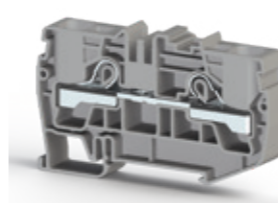
**ASK 2 S**  
351 109 / Page: 102



**ASK 2 LD**  
351 219 / Page: 102



**PYK 16**  
307 659 / Page: 116

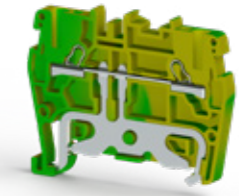


PYK Series Earth Terminals

**PYK 1,5 MT**  
336 440 / Page: 118



**PYK 1,5 T**  
336 490 / Page: 118



**PYK 2,5 T**  
336 500 / Page: 119



**ASK 3 M**  
355 109 / Page: 103



**ASK 3 MLD**  
355 219 / Page: 103



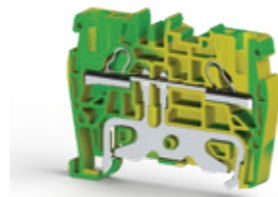
**ASK 3 F**  
354 109 / Page: 104



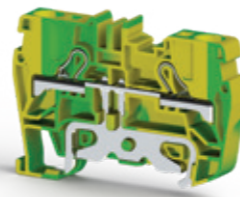
**ASK 3 FLD**  
354 219 / Page: 104



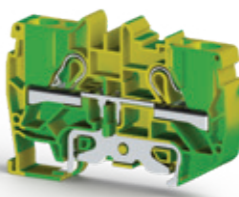
**PYK 4 T**  
336 510 / Page: 119



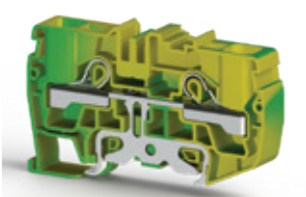
**PYK 6 T**  
336 520 / Page: 120



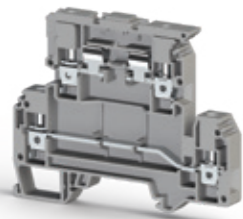
**PYK 10 T**  
336 530 / Page: 120



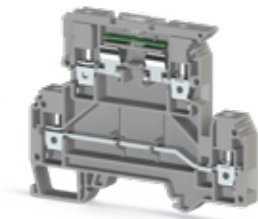
**PYK 16 T**  
336 640 / Page: 121



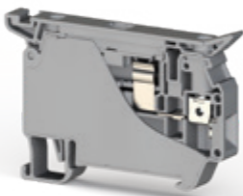
**AVK 4 FS**  
353 309 / Page: 105



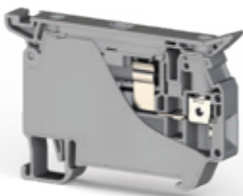
**AVK 4 FSLD**  
353 229 / Page: 105



**ASK 5**  
353 409 / Page: 106



**ASK 5/NM**  
315 009 / Page: 203



**ASK 5 LD**  
353 429 / Page: 106



**ASK 5 LD/NM**  
315 019 / Page: 203



**PYK Test**  
498 559 / Page: 121



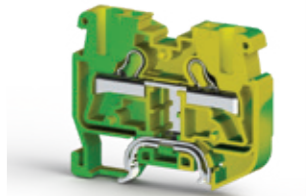
**PYKMR 2,5**  
307 499 / Page: 122



**PYKM 2,5**  
307 399 / Page: 122

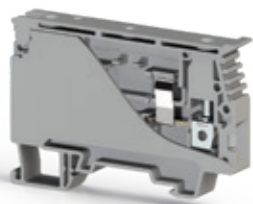


**PYKM 2,5 T**  
336 430 / Page: 123

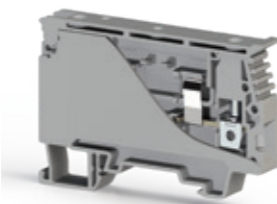


PYKMR Series Mini Terminals

**ASK 4 S**  
351 129 / Page: 107



**ASK 4 LD**  
351 719 / Page: 107

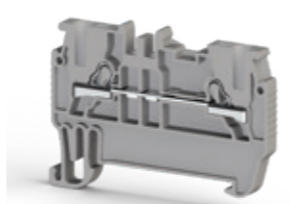


PYK Series Terminals

**PYK 1,5**  
307 009 / Page: 114



**PYK 1,5 M**  
307 019 / Page: 114



**PYK 2,5 - M2F**  
307 699 / Page: 126



**PYK 2,5 - M2FT**  
307 709 / Page: 126



**PYK 4 - 2 FN**  
307 579 / Page: 127



**PYK 2,5 - 2 F**  
307 179 / Page: 127



PYK Series Double - Deck  
and Multilevel Terminals

Screw Type Fuse Terminals  
(American Standards)

**PYK 2,5 - 2 FK**  
307 239 / Page: 127



**PYK 2,5 - 2 FLD**  
307 349 / Page: 128



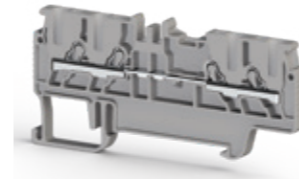
**PYK 2,5 - 2 FD A**  
307 369 / Page: 128



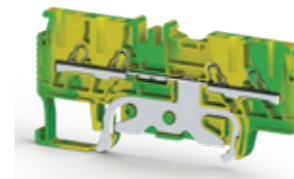
**PYK 2,5 - 2 FD B**  
307 379 / Page: 129



**PYK 1,5 MC**  
307 029 / Page: 143



**PYK 1,5 MCT**  
336 450 / Page: 143



**PYK 2,5 E**  
307 439 / Page: 144



**PYK 2,5 ET**  
336 550 / Page: 144



**PYK 2,5 - 3 F**  
307 199 / Page: 130



**PYK 2,5 - 3 FK**  
307 559 / Page: 130



**PYK 2,5 - 2 FT**  
307 189 / Page: 131



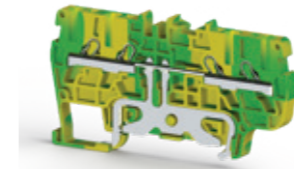
**PYK 2,5 - 3 FT**  
307 209 / Page: 131



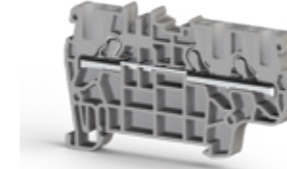
**PYK 2,5 C**  
307 389 / Page: 145



**PYK 2,5 CT**  
336 540 / Page: 145



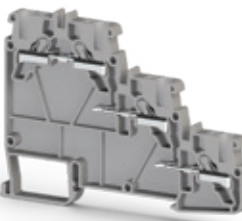
**PYK 4 E**  
307 229 / Page: 145



**PYK 4 ET**  
336 600 / Page: 146



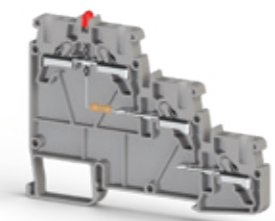
**PYK 3 S**  
307 409 / Page: 134



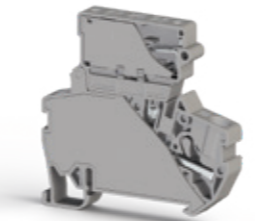
**PYK 3 SLD (NPN)**  
307 419 / Page: 134



**PYK 3 SLD (PNP)**  
307 429 / Page: 135



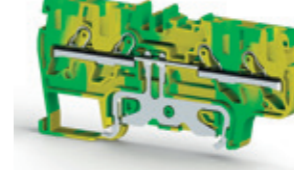
**PYK 4 S**  
307 249 / Page: 136



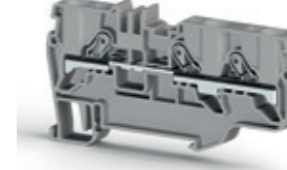
**PYK 4 C**  
307 669 / Page: 146



**PYK 4 CT**  
336 610 / Page: 147



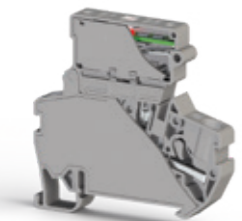
**PYK 6 E**  
307 639 / Page: 148



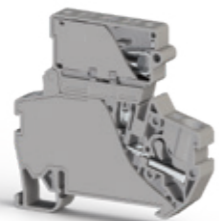
**PYK 6 ET**  
336 620 / Page: 148



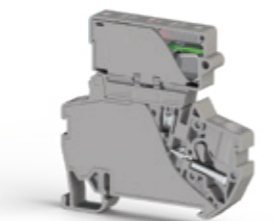
**PYK 4 SLD**  
307 259 / Page: 136



**PYK 4 I**  
307 319 / Page: 137



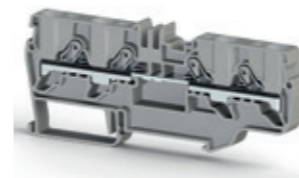
**PYK 4 ILD**  
307 329 / Page: 137



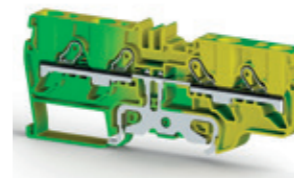
**PYK 2,5 A**  
307 169 / Page: 138



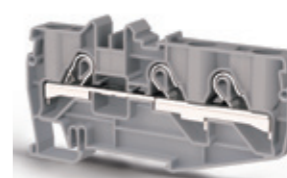
**PYK 6 C**  
307 649 / Page: 149



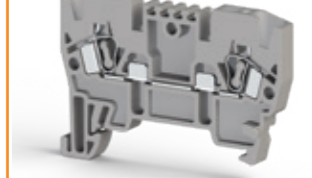
**PYK 6 CT**  
336 630 / Page: 149



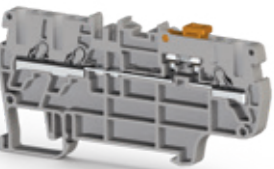
**PYK 10 E**  
307 149 / Page: 149



**YBK 2,5**  
306 229 / Page: 152



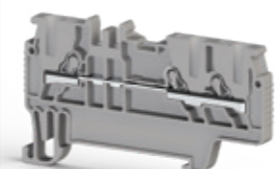
**PYK 2,5 EA**  
307 459 / Page: 138



**PYK 2,5 CCA**  
307 219 / Page: 139



**PYK 1,5 ME**  
307 039 / Page: 142



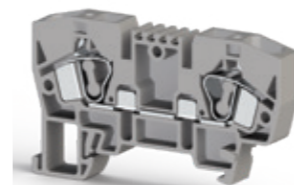
**PYK 1,5 MET**  
336 460 / Page: 142



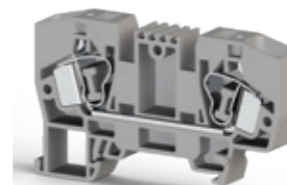
**YBK 4**  
306 239 / Page: 152



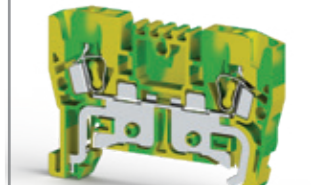
**YBK 6**  
306 249 / Page: 153



**YBK 10**  
306 259 / Page: 153



**YBK 2,5 T**  
336 220 / Page: 154



PYK Series Sensor Terminals

PYK Series Fuse and Disconnect Terminals

PYK Series Fuse and Disconnect Terminals (American Standard)

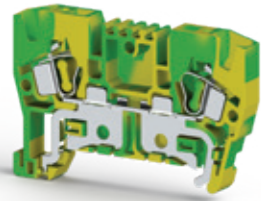
PYK Series Disconnect Terminals

YBK Series Terminals

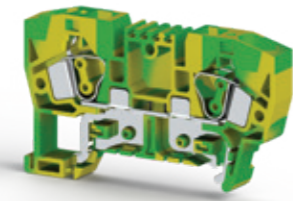
YBK Series Earth Terminals

PYK Series Multiple Input/Output Terminals

**YBK 4 T**  
336 230 / Page: 154



**YBK 6 T**  
336 240 / Page: 155



**YBK 10 T**  
336 250 / Page: 155



MYK Series Mini Terminals

**MYK 2,5**  
306 429 / Page: 156



**YBK 2,5 - 2 FT**  
324 809 / Page: 166



**YBK 2,5 - 3 FT**  
324 609 / Page: 167



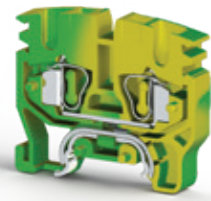
**YBK 2,5 - 3 FLD (NPN)**  
324 739 / Page: 167



**YBK 2,5 - 3 FLD (PNP)**  
324 749 / Page: 167



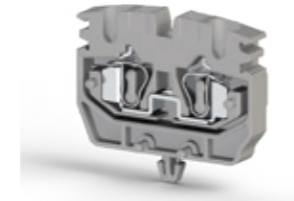
**MYK 2,5 T**  
336 420 / Page: 156



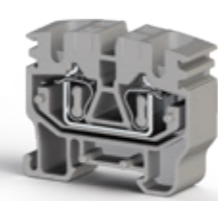
**MYPK 2,5**  
306 439 / Page: 157



**MYSK 2,5**  
306 449 / Page: 157



**MYK 2,5 C**  
306 479 / Page: 158



**YBK 3 S**  
324 709 / Page: 170



**YBK 3 SLD (NPN)**  
324 719 / Page: 170



**YBK 3 SLD (PNP)**  
324 729 / Page: 171



YBK Series Fuse and Disconnect Terminals

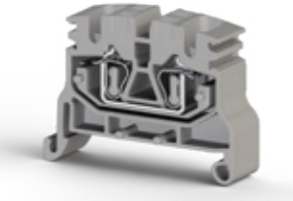
**YBK S**  
355 119 / Page: 172



**MYPK 2,5 C**  
306 489 / Page: 158



**MYKR 2,5 C**  
306 499 / Page: 159



**MYKR 2,5**  
306 509 / Page: 159



YBK Series Double - Deck Terminals

**YBK 2,5 - 2 F**  
316 109 / Page: 162



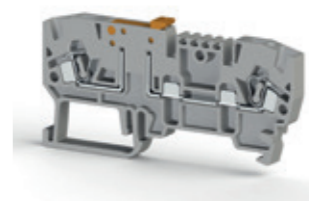
**YBK SB**  
363 109 / Page: 172



**YBK SLD**  
355 719 / Page: 173



**YBK 2,5 A**  
353 209 / Page: 173



YBK Series Fuse and Disconnect Terminals (American Standard)

**YBK I**  
355 129 / Page: 174



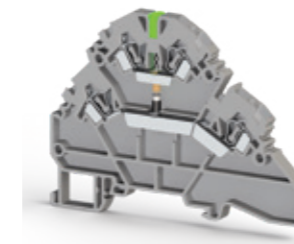
**YBK 2,5 - 2 FK**  
316 129 / Page: 162



**YBK 2,5 - 2 FD**  
316 219 / Page: 163



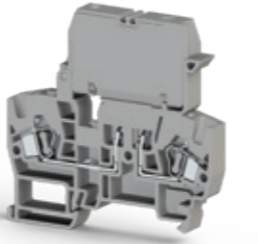
**YBK 2,5 - 2 FLD**  
316 319 / Page: 163



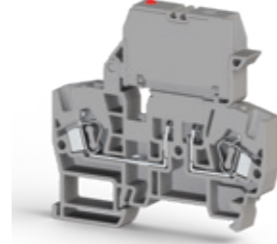
**YBK 4 - 2 F**  
318 109 / Page: 164



**YBK IB**  
363 209 / Page: 174

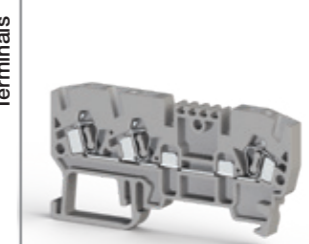


**YBK ILD**  
355 819 / Page: 175

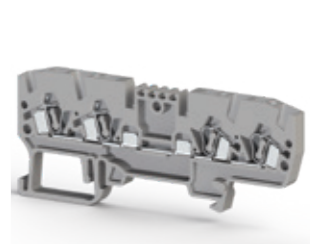


YBK Series Multi Input - Output Terminals

**YBK 2,5 E**  
326 059 / Page: 178



**YBK 2,5 C**  
326 109 / Page: 178



**YBK 4 - 2 FK**  
318 129 / Page: 164



**YBK 4 - 2 FD**  
318 219 / Page: 165



**YBK 4 - 2 FLD**  
318 319 / Page: 165

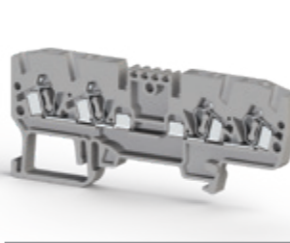


YBK Series Spring Clamp Multilevel Terminals

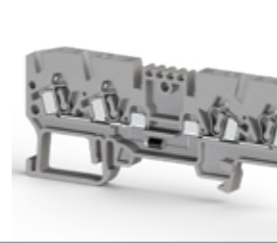
**YBK 2,5 - 3 F**  
324 509 / Page: 166



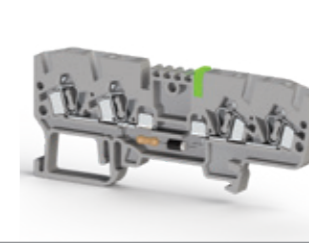
**YBK 2,5 CX2**  
326 209 / Page: 179



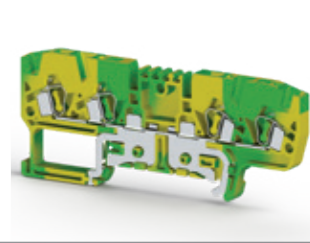
**YBK 2,5 CD**  
326 219 / Page: 180



**YBK 2,5 CLD**  
326 319 / Page: 180

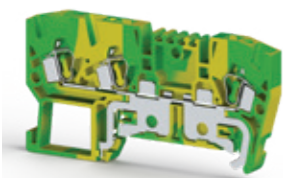


**YBK 2,5 CT**  
336 100 / Page: 181



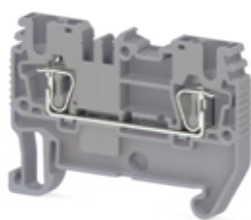


**YBK 2,5 ET**  
336 110 / Page: 181



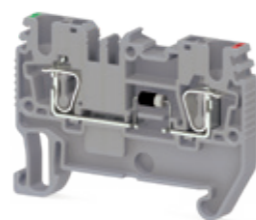
new

**SRD 2,5**  
311 059 / Page: 210



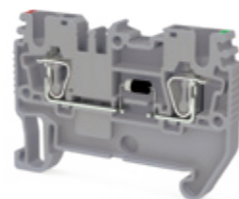
new

**SRD 2,5 D-A**  
311 069 / Page: 210



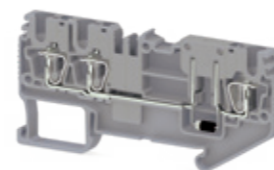
new

**SRD 2,5 D-B**  
311 09 / Page: 211



new

**SRD 2,5 EAD-B**  
311 299 / Page: 219



new

**SRD 2,5 CA**  
311 319 / Page: 220



new

**SRD 2,5 CAK**  
311 349 / Page: 220



new

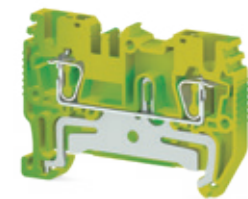
**SRD 2,5 CAD-A**  
311 329 / Page: 221



SRD Series Terminals

new

**SRD 2,5 T**  
337 120 / Page: 211



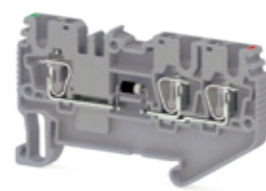
new

**SRD 2,5 E**  
311 089 / Page: 212



new

**SRD 2,5 ED-A**  
311 099 / Page: 212



new

**SRD 2,5 ED-B**  
311 109 / Page: 213



new

**SRD 2,5 CAD-B**  
311 339 / Page: 221



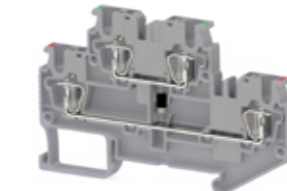
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**SRD 2,5-2F**  
311 359 / Page: 222



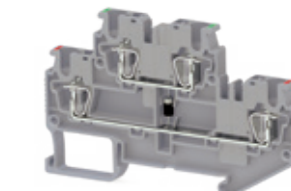
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**SRD 2,5\_2FD-A**  
311 369 / Page: 222



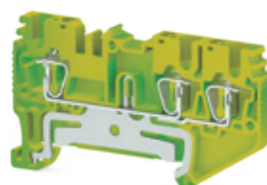
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**SRD 2,5-2FD-B**  
311 379 / Page: 223



new

**SRD 2,5 ET**  
337 130 / Page: 213



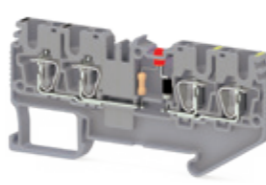
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**SRD 2,5 C**  
311 119 / Page: 214



new

**SRD 2,5 CLD-24VAC**  
311 169 / Page: 214



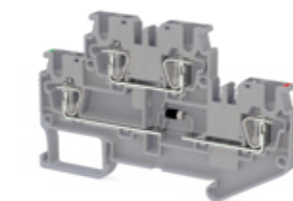
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**SRD 2,5 Cx2**  
311 149 / Page: 215



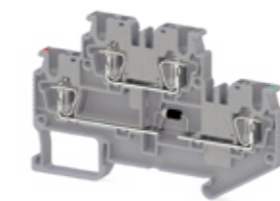
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**SRD 2,5-2FD-L**  
311 499 / Page: 223



new

**SRD 2,5-2FD-R**  
311 389 / Page: 223



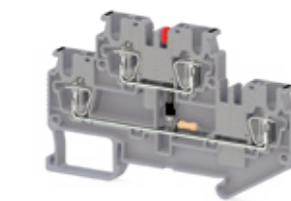
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**SRD 2,5-2FK**  
311 519 / Page: 224



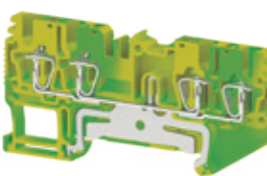
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**SRD 2,5-2FLD-24VAC**  
311 409 / Page: 224



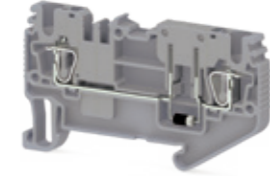
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**SRD 2,5 CT**  
337 140 / Page: 215



new

**SRD 2,5 AD-A**  
311 249 / Page: 216



new

**SRD 2,5 AD-B**  
311 259 / Page: 216



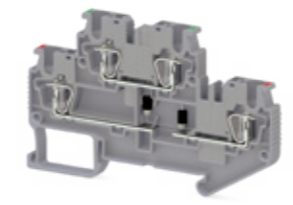
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**SRD 2,5 A**  
311 239 / Page: 217



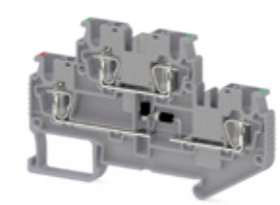
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**SRD 2,5-F2D-A**  
311 479 / Page: 225



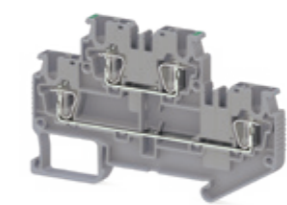
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**SRD 2,5-F2D-B**  
311 489 / Page: 225



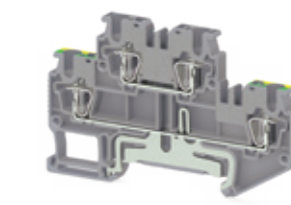
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**SRD 2,5-FN**  
311 509 / Page: 226



new

**SRD 2,5-FT**  
311 529 / Page: 226



new

**SRD 2,5 AK**  
311 269 / Page: 217



new

**SRD 2,5 EA**  
311 279 / Page: 218



new

**SRD 2,5 EAK**  
311 309 / Page: 218



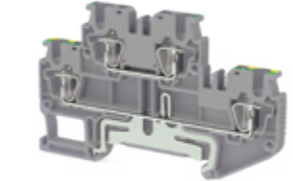
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**SRD 2,5 EAD-A**  
311 289 / Page: 219



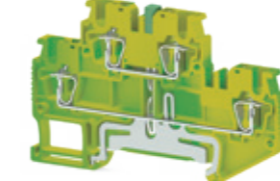
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**SRD 2,5-NT**  
311 539 / Page: 227



new

**SRD 2,5-2T**  
337 150 / Page: 227



new

**SRD 2,5-2KF**  
311 569 / Page: 228



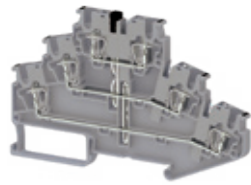
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**SRD 2,5-3F**  
311 549 / Page: 228



new

**SRD 2,5-3FK**  
311 559 / Page: 229



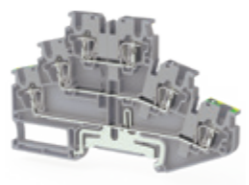
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**SRD 2,5-3FLD-24VDC**  
311 579 / Page: 229



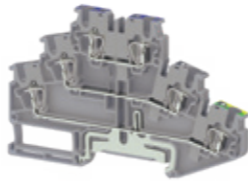
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**SRD 2,5-2FT**  
311 619 / Page: 230



new

**SRD 2,5-NFT**  
311 669 / Page: 230



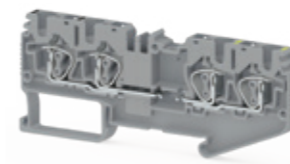
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**SRD 4 CLD 24VAC**  
311 789 / Page: 240



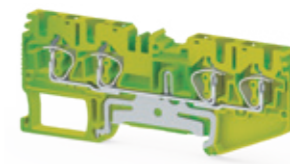
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**SRD 4 Cx2**  
311 769 / Page: 241



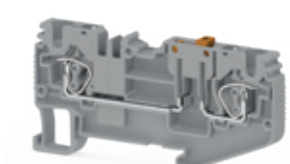
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**SRD 4 CT**  
337 190 / Page: 241



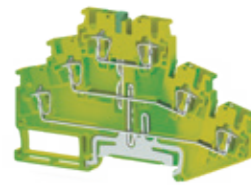
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**SRD 4 A**  
311 869 / Page: 242



new

**SRD 2,5-3T**  
337 160 / Page: 231



new

**SRD2,5- 3S**  
311 629 / Page: 232



new

**SRD 2,5-3SLD-NPN**  
311 639 / Page: 232



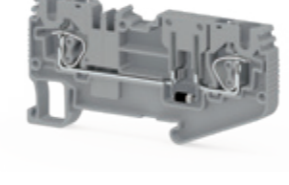
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**SRD 2,5-3SLD-PNP**  
311 649 / Page: 233



new

**SRD 4 AD-A**  
311 879 / Page: 242



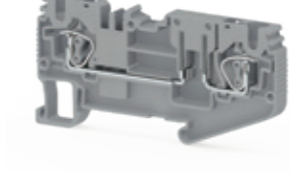
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**SRD 4 AD-B**  
311 889 / Page: 243



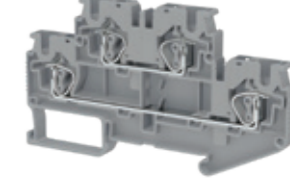
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**SRD 4 AK**  
311 899 / Page: 243



new

**SRD 4-2F**  
311 909 / Page: 244



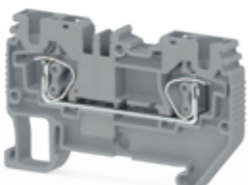
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**SRD 2,5-2ST**  
311 659 / Page: 233



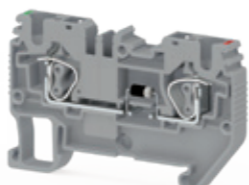
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**SRD 4**  
311 679 / Page: 234



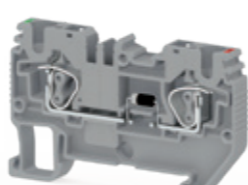
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**SRD 4 D-A**  
311 689 / Page: 234



new

**SRD 4 D-B**  
311 699 / Page: 235



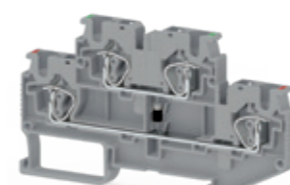
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**SRD 4-2FD-A**  
311 919 / Page: 244



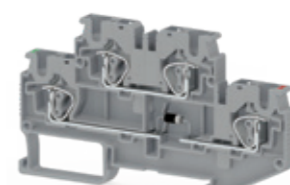
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**SRD 4-2FD-B**  
311 929 / Page: 245



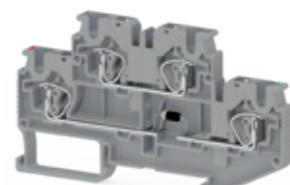
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**SRD 4-FD-L**  
312 049 / Page: 245



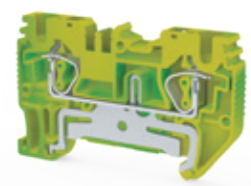
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**SRD 4-2FD-R**  
311 939 / Page: 245



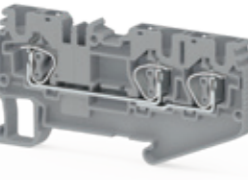
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**SRD 4 T**  
337 170 / Page: 235



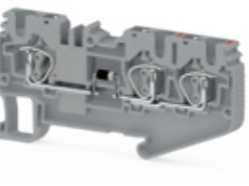
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**SRD 4 E**  
311 709 / Page: 236



new

**SRD 4 ED-A**  
311 719 / Page: 236



new

**SRD 4 ED-B**  
311 729 / Page: 237



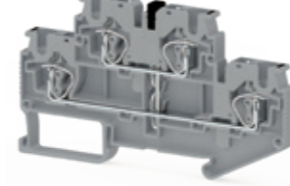
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**SRD 4-2FLD 24VAC**  
311 959 / Page: 246



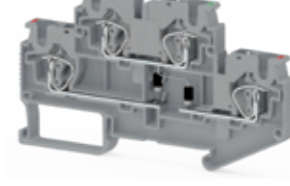
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**SRD 4-2FK**  
312 069 / Page: 246



new

**SRD 4-F2D-A**  
312 029 / Page: 247



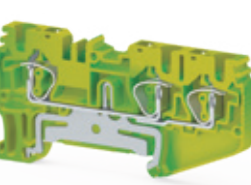
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**SRD 4-F2D-B**  
312 039 / Page: 247



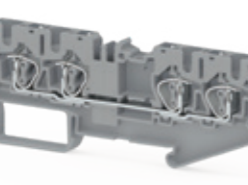
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**SRD 4 ET**  
337 180 / Page: 237



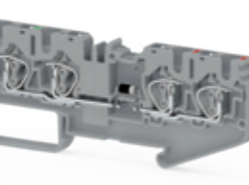
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**SRD 4 C**  
311 739 / Page: 238



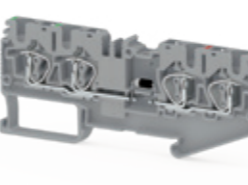
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**SRD 4 CD-A**  
311 749 / Page: 238



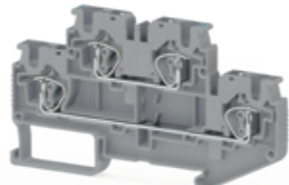
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**SRD 4 CD-B**  
311 759 / Page: 239



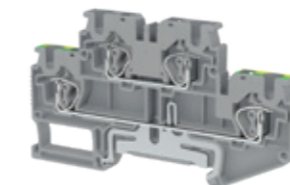
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**SRD 4-FN**  
312 059 / Page: 248



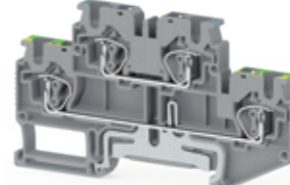
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**SRD 4-FT**  
312 079 / Page: 248



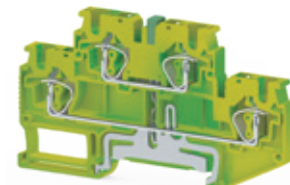
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**SRD 4-NT**  
312 089 / Page: 249



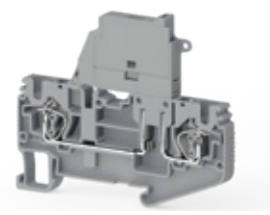
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**SRD 4-2T**  
337 150 / Page: 249



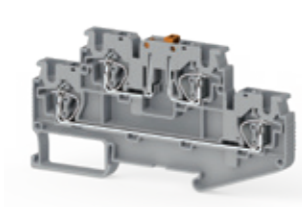
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**SRD 4-S**  
312 119 / Page: 250



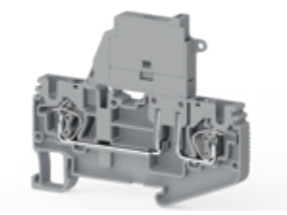
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**SRD 4 AF**  
312 099 / Page: 250



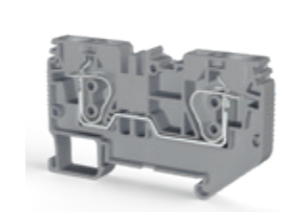
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**SRD 4 SLD 24V**  
312 139 / Page: 251

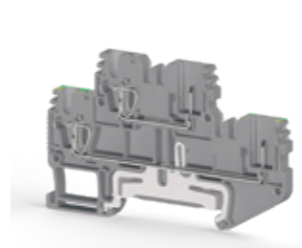


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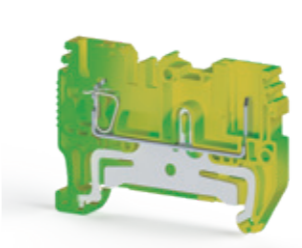
**SRD 6**  
312 199 / Page: 252



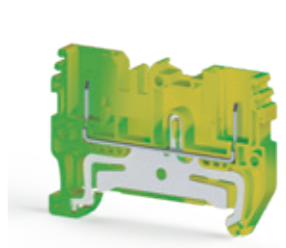
**CTP 2.5-FT**  
310 189 / Page: 263



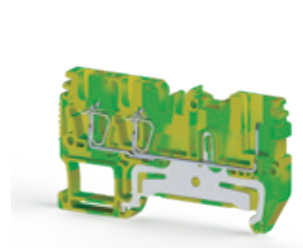
**CTP 2.5 T**  
337 070 / Page: 263



**PTP 2.5 T**  
337 020 / Page: 263

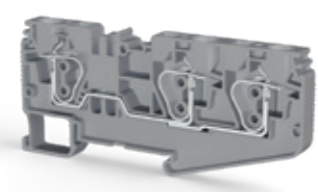


**CTP 2.5 ET**  
337 050 / Page: 264



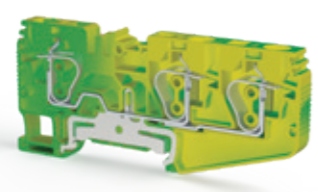
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**SRD 6 E**  
312 209 / Page: 252



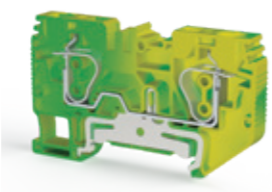
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**SRD 6 ET**  
337 220 / Page: 253



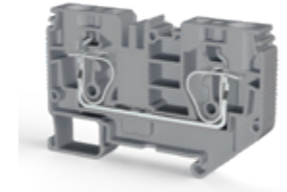
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**SRD 6 T**  
337 210 / Page: 253

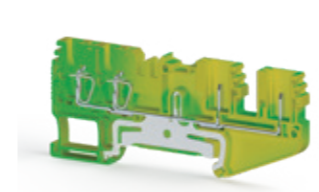


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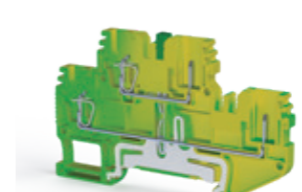
**SRD 10**  
312 219 / Page: 254



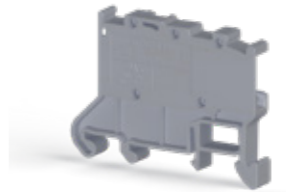
**CTP 2.5 CT**  
337 060 / Page: 264



**CTP 2.5 2T**  
337 070 / Page: 265



**SC-PTR 2.5**  
310 949 / Page: 265

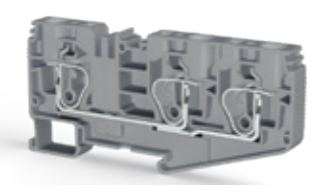


**SC-PT 2.5**  
310 929 / Page: 265



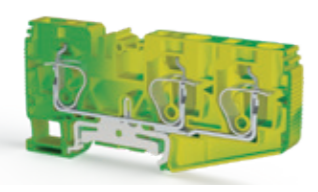
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**SRD 10 E**  
312 220 / Page: 254



new

**SRD 10 ET**  
337 240 / Page: 255



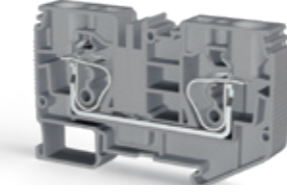
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**SRD 10 T**  
337 230 / Page: 255



new

**SRD 16**  
312 239 / Page: 256



**SC-PTS 2.5**  
310 939 / Page: 265



**SG-PT 2.5**  
310 209...379 / Page: 266



**SG-PT 2.5 CS**  
310 389...559 / Page: 266



**SG-PT 2.5 AN**  
310 749...919 / Page: 267



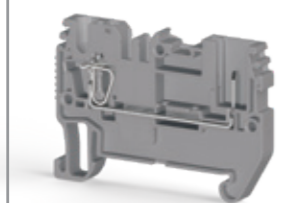
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**SRD 16 T**  
337 250 / Page: 256

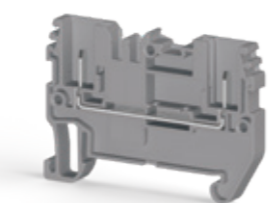


StopP Series Terminals

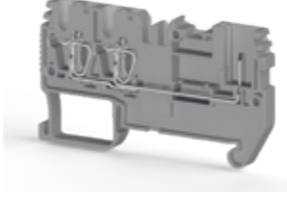
**CTP 2.5**  
310 129 / Page: 260



**PTP 2.5**  
310 109 / Page: 260



**CTP 2.5 E**  
310 139 / Page: 261

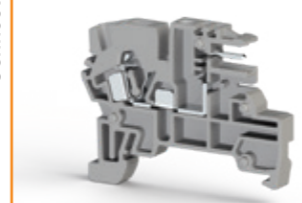


**SG-PT 2.5 DB**  
310 569...739 / Page: 267

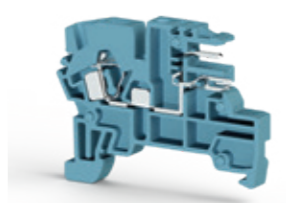


Terminal Blocks for PCB Connectors

**PCY 2,5**  
364 019 / Page: 272



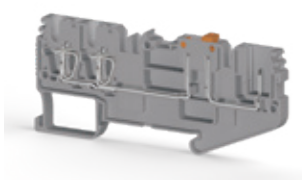
**PCY 2,5 N**  
364 080 / Page: 272



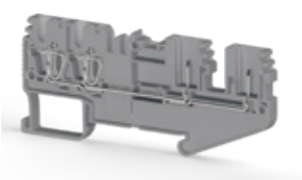
**PCY 2,5 E**  
364 059 / Page: 273



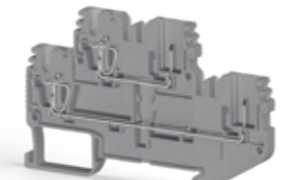
**CTP 2.5 EA**  
310 159 / Page: 261



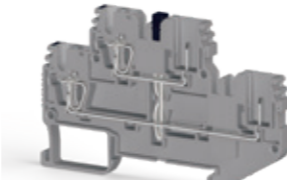
**CTP 2.5 C**  
310 149 / Page: 261



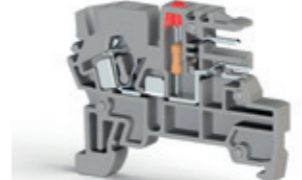
**CTP 2.5-2F**  
310 169 / Page: 262



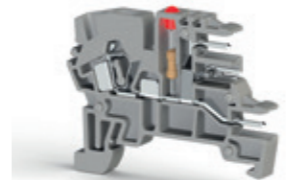
**CTP 2.5-2FK**  
310 179 / Page: 262



**PCY 2,5 L**  
364 029 / Page: 273



**PCY 2,5 EL**  
364 069 / Page: 273

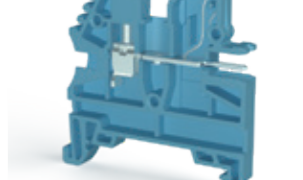


Screw Type Terminal Blocks for PCB Terminals

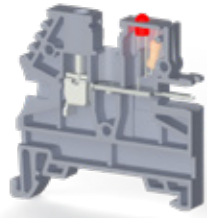
**AVK 2,5 PC**  
304 610 / Page: 274



**AVK 2,5 PCN**  
304 621 / Page: 274



**AVK 2,5 PCLD  
24VDC**  
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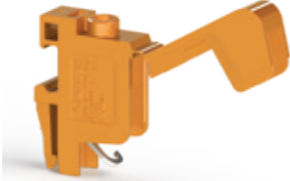


Transformer Terminals Blocks

**TRV 4**  
422 017 / Page: 276



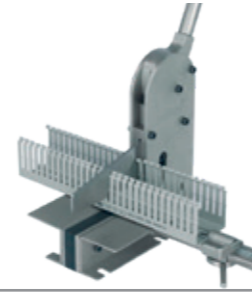
**TRV 4 B**  
422 057 / Page: 276



**TRV 4 M**  
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**KMK 1002**  
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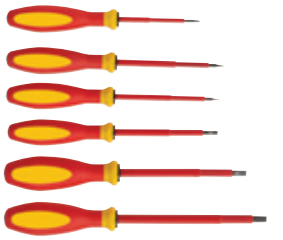
**KRKM**  
500 650 / Page: 360



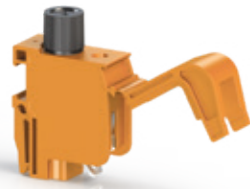
**KT1 ....6**  
560 010...060 / Page: 360



**IKT1 ....6**  
561 010...060 / Page: 360



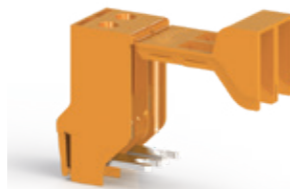
**TRV 4 S**  
422 027 / Page: 277



**TRV 4 T**  
422 060 / Page: 277



**TRV 10**  
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Hand Tools

**CRIMPER 6**  
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**KK1 ....2**  
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**CRIMPER F 10 R**  
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**CRIMPER F 10 L**  
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**CRIMPER N 16 H**  
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**CRIMPER N 16 L**  
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**CRIMPER N 50 L**  
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**CRIMPER IT 6 S**  
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**STRIPPER 16**  
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**STRIPPER 28 C**  
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**CUTTER 16**  
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**CUTTER 32**  
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**HAND TOOLS SET**  
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**KKMR**  
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## Terminal Blocks

Terminal blocks are components and systems the main function of which is to ensure safe and secure electrical and mechanical conductor connections. The term covers all conceivable types, designs and forms of connection. From the application point of view, the most important group of terminals is that of rail mounted modular terminal blocks.

- The current carrying bar must be made of metals which reduce electrical losses to minimum.
- Insulation material must be nonflammable and self extinguishing.
- The screw must not be loosed due to vibration.
- The current carrying bar must have such a form that the conductor has a strong contact area in the connection point.

The terminal block series should have a complete range together with all the accessories to provide the best solutions in an ideal area.



## Connection Systems

### SCREW CONNECTION

This is the most popular of all known methods of connection. Screw connection refers to any connection in which the conductor is stripped of its insulation and clamped without any special preparation. Klemsan screw clamp system is built in protection against loosening.

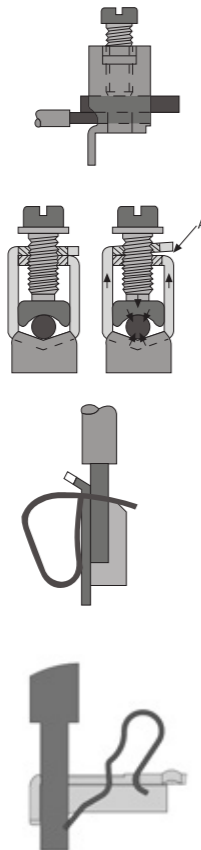
When the screw is tightened, the resultant pressure pulls apart both halves of the clamping yoke. This generates a particularly high locking action on the screw. These clamping systems provide excellent vibration resistance.

### SPRING CLAMP SYSTEM

The stainless steel spring presses the conductor directly against the current bar. Due to the special construction of the clamping body, the contact force is further increased when pulling the conductor.

### PRACTICAL SPRING CLAMP SYSTEM

In addition to spring clamp system, with practical technology, there is no need to use a screwdriver, cable is connected to the terminal by just pushing in.



## Materials

KLEMSAN terminals are made of selected standard materials. Insulating materials, clamping and conducting metals are subjected to strict quality control as required by stringent international standards.

Clamping yokes and screws are zinc plated which considerably increases the resistance to corrosion. Current bars are made out of brass / electrolytic copper. Coating of tin / lead oxide, nickel while ensuring surface protection guarantees very low contact resistance.

Engineering thermoplastic Polyamide 6.6 has excellent electrical, mechanical and chemical characteristics even at temperatures as high as 100 °C and contain no cadmium based color pigments. Polyamide 6.6 moulded housing absorbs humidity from its surroundings. This makes the plastic material elastic and fracture proof even at temperatures as low as -40 °C. Being a self extinguishing material it is difficult to ignite and burns only as long as there is a longlasting supporting flame. It is rated V0 or V2 according to UL94. Good aging resistance and insensitivity to ultraviolet light makes it suitable for tropical and open air applications.

## Main Terminology

**Modular Terminal Blocks:** Modular terminal blocks are used worldwide. Whether they be in distribution boards, control centers or machine control systems, in ships, power stations or railway rolling stock, Klemsan terminals guarantee safe connections in all low voltage installations. In view of this versatile and worldwide application, the materials used and the technical data achieved meet the highest quality standard. Approvals have been obtained from all major industrial countries.

**Rated Cross-Sec.:** The rated Cross-Sec. of a terminal block is a value of conductor Cross-Sec. which is indicated by the manufacturer and covered by the thermal, mechanical and electrical requirements.

**Rated Current:** The rated current of a terminal block is a current value which is indicated by the manufacturer and covered the thermal, mechanical and electrical requirements on using the rated Cross-Sec..

**The Rated Voltage:** The rated voltage of a terminal block is a voltage value which is stated by the manufacturer according to creepage and clearance distances and which does not allow any deformation on product.

**Nominal Dimensions:** Nominal dimensions are the overall dimensions of the terminal block with fixings, but without tolerances. To the specified terminal with a tolerance of +0.2 mm. must be allowed during design when mounting in rows.

**Insulation Stripping Length:** The required stripping length for every Klemsan product is stated in mm. These lengths must be observed.

**End Plate:** The last terminal in a rail mounted assembly must be closed with an end plate. The end plate is held in position by the end bracket.

**Partition:** The partition is required for the visual separation of circuits or for electrical separation in case of adjacent cross connections.

**Small Partition:** Small partitions can be inserted after assembly into terminal blocks of up to a Max. thickness of 10 mm. between cross connections and test sockets.

## Conductors

Aluminum and copper conductors are used for the connection of terminals, but copper conductors are used more frequently. These conductors are divided into two main categories.

- 1- Rigid conductors
  - a- Solid strand
  - b- Knitted conductors

### 2- Fine Strand

Conductor cross sections are distinguished as metric and American standards.

Metric mm <sup>2</sup>	American AWG / kcmil	Equivalent Cross-Sectional area mm <sup>2</sup>
0,2	24	0,205
0,34	22	0,324
0,5	20	0,519
0,75	18	0,82
1	-	-
1,5	16	1,3
2,5	14	2,1
4	12	3,3
6	10	5,3
10	8	8,4
16	6	13,3
25	4	21,2
35	2	33,6
50	0	53,5
70	00	67,4
95	000	85
-	0000	107,2
120	250 kcmil	127
150	300 kcmil	152
185	350 kcmil	177
240	500 kcmil	253
300	600 kcmil	304

AWG : (American Wire Gauge) American standard of measure  
 1 kcmil : 1000 cmils  
 1 cmil : (1 circular mil) the area of a circle with a Width of one mil  
 1 mil : 1/1000 inch

## Clearance and Creepage Distances

If the corresponding clearance distance is less than 3 mm, the smallest groove width may be reduced to 1/3 of this clearance distance.

The measuring methods of clearance and creepage distances are revealed in IEC 60947-1 EK G. Projections decrease the creepages with a high level. Therefore, the clearance which has a projection higher than 2mm can be decreased with 80 percent. (FIGURE 1).

Klemsan terminals has pollution degree 3 according to IEC 60947-1 standart. "Conductive pollution or dry, non-conductive pollution occurs liable to be rendered conductive through anticipated moisture condensation."

Degree of Soiling	Minimum Width "x" in mm
1	0,25
2	1,0
3	1,5
4	2,5

Figure 1

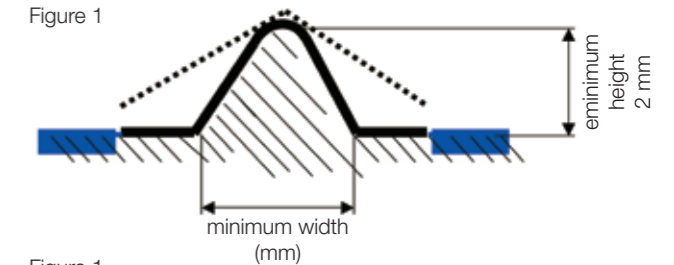
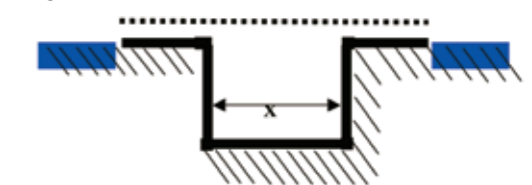


Figure 1



..... Clearance distances  
 — Creepage distances

## Pollution Severities

Pollution Severity is a classification of environmental conditions under which a terminal block operates.

It is not the atmosphere in a terminal block which determines the isolation performance, but it is creepage distance and micro environment of clearance distance which do this. Microenvironment can be better or worse compared to the atmosphere operated in.

There are 4 identified degrees of microenvironment pollution in evaluating creepage and clearance distances.

### Pollution Severity 1:

No pollution or only dry and non-conductive pollution

### Pollution Severity 2:

Only non-conductive pollution at a normal level. Besides there may be short-time pollution due to the condensation occurring occasionally

### Pollution Severity 3:

Either conductive or dry and non-conductive pollution occurring due to the condensation

### Pollution Severity 4:

Permanent pollution occurring due to conductive dust, rain or snow.

## Isolation Material Groups

Material groups are classified in line with the creepage distance indices (CTI) as shown below:

Material group I  $600 \leq \text{CTI}$   
 Material group II  $400 \leq \text{CTI} < 600$   
 Material group IIIa  $175 \leq \text{CTI} < 400$   
 Material group IIIb  $100 \leq \text{CTI} < 175$

Specified CTI values directly affect the creepage distances. Below are the distances as regards to some voltage values

Distances are in mm.	Pollution Severity 3			
	Material Group			
Rated Voltage Value (V)	I	II	IIIa	IIIb
400	5	5,6	6,3	6,3
500	6,3	7,1	8	8
630	8	9	10	10

## Protection Types

PE CONDUCTOR: The conductor with Earthing protection only. Mounting rails may be used as protective conductor busbars, provided that the values specified in below table for thermal short-time withstand current and thermal rated current are not exceeded.

Rail Profile	Material	Equivalent E.Cu Cross-Sec. (mm <sup>2</sup> )	Short time withstand current (A)	Thermal rated current of a PEN busbar (A)
MR 15 x 5,5	Steel	10	1,2	-
	Copper	25	3	101
	Aluminum	16	1,92	76
G - Type Rail / MR 32	Steel	35	4,2	-
	Copper	120	14,4	269
	Aluminum	70	8,4	192
MR 35 x 7,5	Steel	16	1,92	-
	Copper	50	6	150
	Aluminum	30	4,2	125
MR 35 x 15	Steel	50	6	-
	Copper	150	18	309
	Aluminum	95	11,4	232

**Pen Conductor :** The conductor that functions as both protection and neutral conductor. Steel busbar or Steel Rails cannot be used as PEN conductor.

## Torque Values of Fastening

In screw type terminals torque values are important. If the connector is tightened less than the required value, resistance and heating would appear. On the contrary, when extreme force is applied during fastening, the molecular structure of the metal would distort and heating could appear in conclusion. Therefore, if the nominal torque values obtained by IEC are applied, the probable risks would be eliminated.

Torque values based on IEC 60947-1 Table 4;	Torque (Nm)		
	I	II	III
Screw Width Values (mm)			
Screws with Widths smaller than 1.6 mm	0,005	0,1	0,1
1,6 - 2	0,1	0,2	0,2
2 - 2,8	0,2	0,4	0,4
2,8 - 3	0,25	0,5	0,5
3 - 3,2	0,3	0,6	0,6
3,2 - 3,6	0,4	0,8	0,8
3,6 - 4,1	0,7	1,2	1,2
4,1 - 4,7	0,8	1,8	1,8
4,4 - 5,3	1,2	2	2
5,3 - 6	2,5	2,5	3
6 - 8	-	3,5	6
8 - 10	-	4	10
10 - 12	-	-	14
12 - 15	-	-	19
15 - 20	-	-	25
20 - 24	-	-	36
Screws with Widths bigger than 24 mm	-	-	50

**COLUMN I** Applied to the headless screws fixing in the cavity and other screws which cannot fastened by screw-drivers.

**COLUMN II** Applied to all screws fastened by screw-drivers.

**COLUMN III** Applied to screws and nuts fastened by other devices.

Ref: IEC 60947-1/ IEC 60999-1

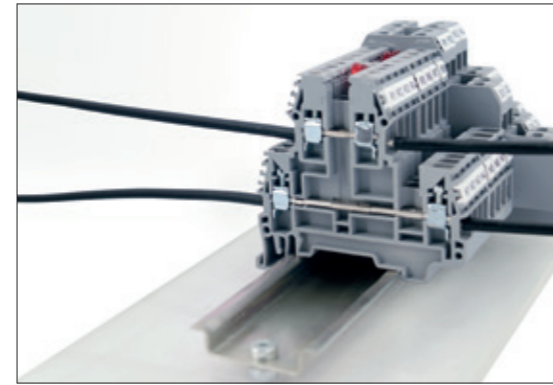
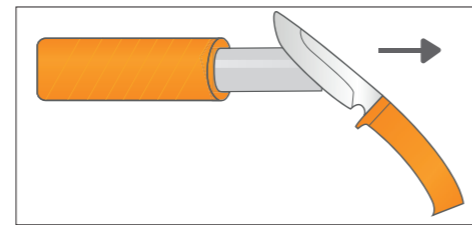
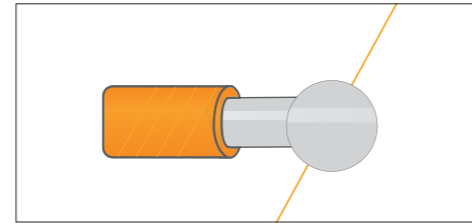
Klemsan apply security tests to its screw-type terminals with doubled values of IEC torque standards.

# Precautions For Aluminium Cable Usage In Klemsan Terminal Blocks

- Precautions against oxidation should be taken while using aluminium cables.
- There are several special products against oxidation, however the most practical and easy solution is using vaseline.
- Application of vaseline on the stripped parts of the aluminium cables that contacting the terminal block, will prevent oxidation.

**Otherwise, the bare cable ends contacts the air and will start a rapid oxidation in the terminal block. Voltage values will drop consequently**

- If cutting the oxidized cable end is not needed, the oxide layer can be cleaned manually with a knife carefully to not affect the cable cross-section.
- Vaseline is applied to the surfaces after the cleaning process.



- Maximum torque values indicated in the technical specifications should not be exceeded while using aluminium cables.
- Users should check the tightening process every other day according to the torque values indicated in terminal block data sheets and make sure that the screws are correctly tightened in the given maximum torque value.
- Aluminium cables get softer in time and this cause the connection loose. Connections should be checked regularly as indicated above
- Stripping lengths indicated in the terminal block data sheets are quite important especially for aluminium cable connections.
- Aluminium cables without insulation can easily become oxidized.

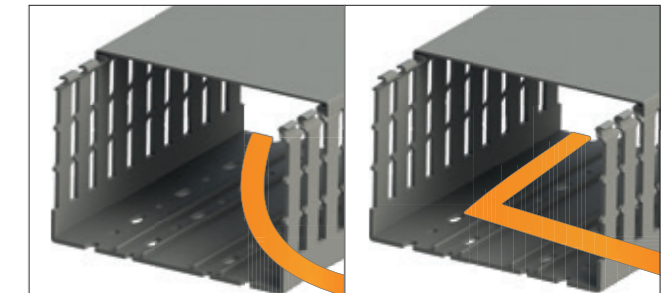


- Aluminium cables are not flexible as copper cables, therefore they are mostly in solid and stranded form.
- While using aluminium cables, especially the stranded types, conductive materials should be carefully watched against braking and cracking.

**Otherwise, the cross-section of the cable will decrease and terminal temperatures will increase as a result.**

- Narrow curves or corners should be avoided while using aluminium cables within panels and wiring ducts, wiring ducts corners should be as wide as possible.

**Otherwise, risks of cable braking, bending or cracking possibilities will increase.**



CORRECT ANGLE

WRONG ANGLE

Conductivity rates of aluminium cables are lower than copper cables.

- Rated current values indicated in the terminal block data sheets should **not** be considered while using aluminium cables.

**While using aluminium cables, the current rate indicated for copper cables should be multiplied by 0.7, the result will give the maximum current value which should not be exceeded unless otherwise indicated.**



- It is recommended to use Al/Cu type insulated cable terminals with stranded aluminium cables.

## Terminal Suffix Descriptions

Suffix	Explanations
A	Disconnect (Knife Edge)
AN	Angled
ASK B	Busbar (Glass Fuse Size) Disconnection
AVK B	Busbar Power Terminals
AVK PB	Panel Surface Mounting Terminals
C&CC	2 Input 2 Outputs
CPB	Fork Type Terminals
CS	Cross Connection (for StoP and SRD series)
CTP	Clamp to Pin
D	Diode
D	Direct-Feed through (for WGO types)
E&CE	1 Input 2 Outputs
F	Floor
FB	Socket type busbar disconnection
K	Inner Bridge
LD	LED+Diode
M	Mini
MB	Hinge type busbar disconnection
N	New
NM	New Material, *V0 flammability rating*
PB	Ring Type Terminals
PIK	Two Floor Screw Type Terminals
PTP	Pin to Pin
PUK	Three Floor Screw Type Terminals
PV	Photovoltaic
R&RD	Redesign
S	Glass Fuse Type (empty)
S	Sensor (PUK 3S-3SLD, PYK 3S-3SLD, YBK 3S-3SLD)
SC-PTR	Female-Rail Mounted
SC-PTS	Female-Panel Surface Mounted
SG-PT	Male
SKT	Socket
SKTD	Socket with diode
SRD	Spring Redesign
StoP	Spring to Pin
T&TK	Earth Terminals

## Klemsan Screw Type V0 Product

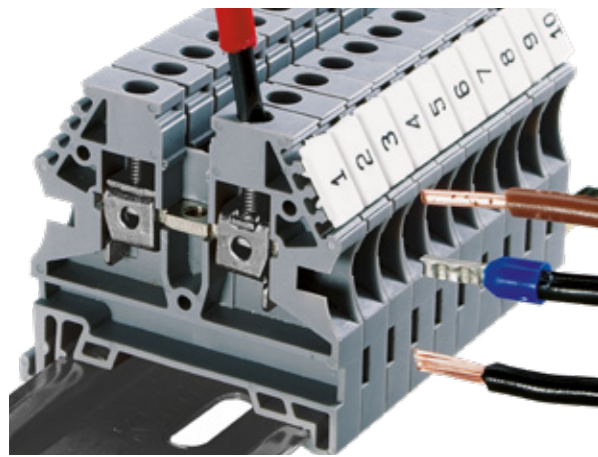
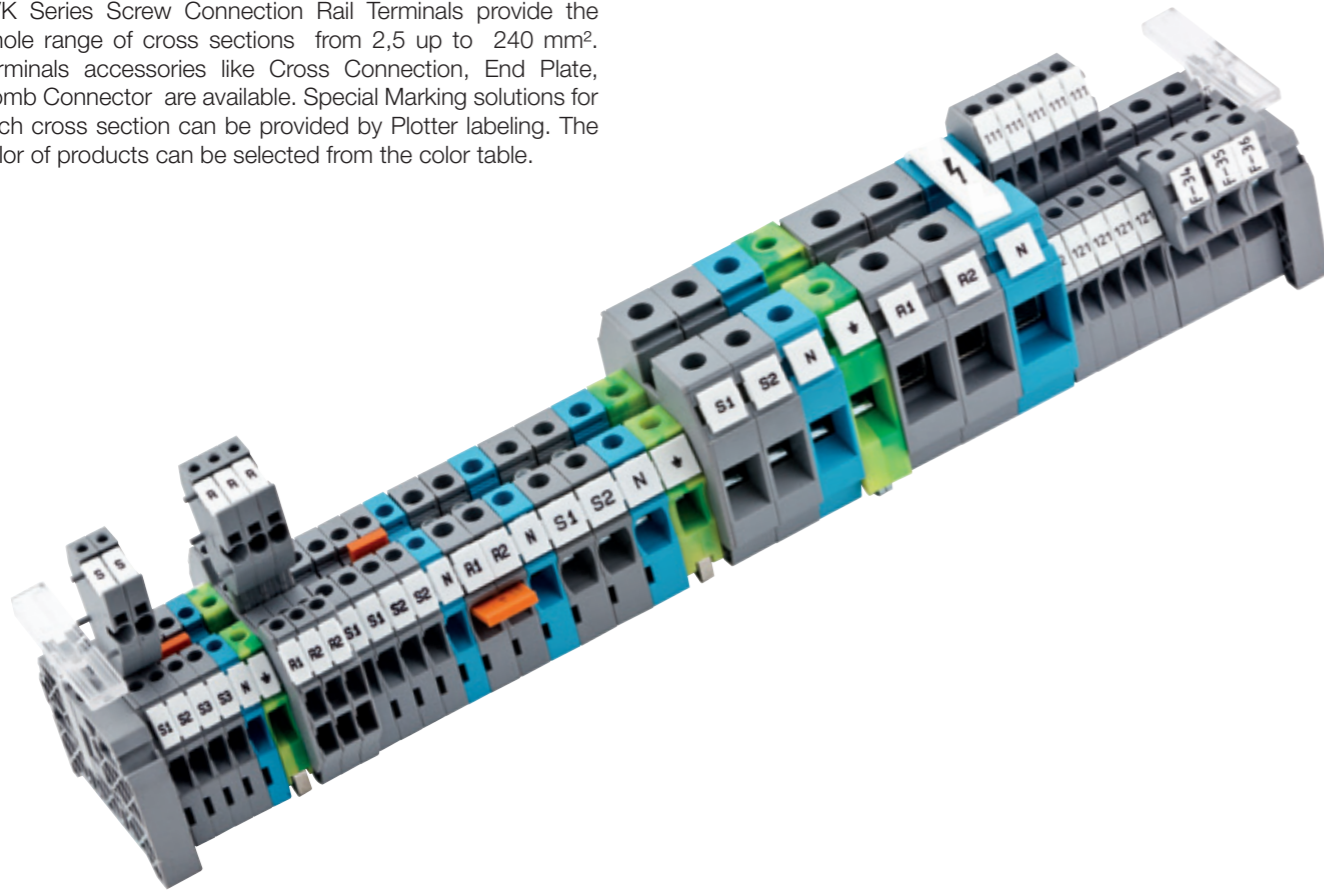
Cat.No.	Type	Color	Pcs.
<b>SCREW TYPE TERMINALS</b>			
309 001	AVK 2.5/NM	Blue	100
309 009	AVK 2.5/NM	Grey	100
309 159	AVK 2.5 RD/NM	Grey	100
309 011	AVK 4/NM	Blue	100
309 019	AVK 4/NM	Grey	100
309 169	AVK 4 RD/NM	Grey	100
309 021	AVK 6/NM	Blue	100
309 029	AVK 6/NM	Grey	100
309 031	AVK 10/NM	Blue	100
309 039	AVK 10/NM	Grey	100
309 051	AVK 16RD/NM	Blue	50
309 059	AVK 16RD/NM	Grey	50
309 071	AVK 35 RD/NM	Blue	40
309 079	AVK 35 RD/NM	Grey	40
309 089	AVK 35 RDS/NM	Grey	50
309 099	AVK 35I RDS/NM	Grey	50
309 149	AVK 240/NM	Grey	4
309 179	AVK 4A/NM	Grey	50
<b>SCREW TYPE EARTH TERMINALS</b>			
341 010	AVK 2.5-4TK/NM	Yellow / Green	50
341 020	AVK 6TK/NM	Yellow / Green	25
341 030	AVK 10TK/NM	Yellow / Green	25
341 040	AVK 16TRD/NM	Yellow / Green	50
341 050	AVK 35T RD/NM	Yellow / Green	40
341 060	AVK 35 TRDS/NM	Yellow / Green	25
341 090	AVK 2,5T RD/NM	Yellow / Green	50
341 100	AVK 4T RD/NM	Yellow / Green	50
<b>DOUBLE DECK TERMINALS</b>			
309 189	PIK 2,5N/NM	Grey	20
309 199	PIK 2,5NK/NM	Grey	20
309 229	PIK 2,5 NLD/NM 24 VAC	Grey	20
309 239	PIK 2,5 NLD/NM 24 VDC	Grey	20
309 249	PIK 2,5 NLD/NM 48 VAC	Grey	20
309 259	PIK 2,5 NLD/NM 48 VDC	Grey	20
309 269	PIK 2,5 NLD/NM 110 VAC	Grey	20
309 279	PIK 2,5 NLD/NM 110 VDC	Grey	20
309 289	PIK 2,5 NLD/NM 220 VAC	Grey	20
309 299	PIK 2,5 NLD/NM 220 VDC	Grey	20
309 309	PIK 4N/NM	Grey	100
309 319	PIK 4NK/NM	Grey	20
309 349	PIK 4NLD/NM 24 VAC	Grey	20
309 359	PIK 4NLD/NM 24 VDC	Grey	20
309 369	PIK 4NLD/NM 48 VAC	Grey	20
309 379	PIK 4NLD/NM 48 VDC	Grey	20

Cat.No.	Type	Color	Pcs.
309 389	PIK 4NLD/NM 110 VAC	Grey	20
309 399	PIK 4NLD/NM 110 VDC	Grey	20
309 409	PIK 4NLD/NM 220 VAC	Grey	20
309 419	PIK 4NLD/NM 220 VDC	Grey	20
309 429	PIK 2,5RD/NM	Grey	100
309 439	PIK 2,5RDK/NM	Grey	100
309 449	PIK 4RD/NM	Grey	100
309 459	PIK 4RDK/NM	Grey	20
315 049	PIK 2,5ND-A/NM	Grey	20
315 059	PIK 2,5ND-B/NM	Grey	20
315 069	PIK 4ND-A/NM	Grey	20
315 079	PIK 4ND-A/NM	Grey	20
<b>MULTILEVEL TERMINALS</b>			
309 469	PUK 2T/NM	Grey	20
309 479	PUK 3/NM	Grey	20
309 489	PUK 3T/NM	Grey	20
309 499	PUK 3S/NM	Grey	20
309 509	PUK 3SLD/NM 24 VDC NPN	Grey	20
309 519	PUK 3SLD/NM 24 VDC PNP	Grey	20
<b>FUSE TERMINALS</b>			
315 009	ASK 5/NM	Grey	50
315 019	ASK 5LD/NM 24V (Nonpolarity)	Grey	50
315 029	ASK 5LD/NM 110V (Nonpolarity)	Grey	50
315 039	ASK 5LD/NM 220V (Nonpolarity)	Grey	50
<b>TEST AND DISCONNECT TERMINALS</b>			
309 529	WGO 3/NM Without Socket	Grey	50
309 539	WGO 3/NM One Socket	Grey	50
309 549	WGO 3/NM Double Socket	Grey	50
309 559	WGO 3/NM One Test Socket	Grey	50
309 569	WGO 3/NM Double Test Socket	Grey	50
309 579	WGO 4/NM Without Socket	Grey	50
309 589	WGO 4/NM	Grey	50
309 609	WGO 6/NM	Grey	50
309 619	WGO D6/NM	Grey	50
308 069	WGO-PB6/NM	Grey	50
308 079	WGO-PBD6/NM	Grey	25
<b>PB SERIES TERMINALS</b>			
308 009	PB 6/NM	Grey	40
308 019	PB 6K/NM	Grey	40
308 029	PB 2.5/NM	Grey	45
308 039	PB 2.5K/NM	Grey	45
308 049	PB 25_M5/NM	Grey	10
308 059	PB 25_M6/NM	Grey	10
337 000	PB 6T/NM	Yellow / Green	40
337 010	PB 2.5T/NM	Yellow / Green	45

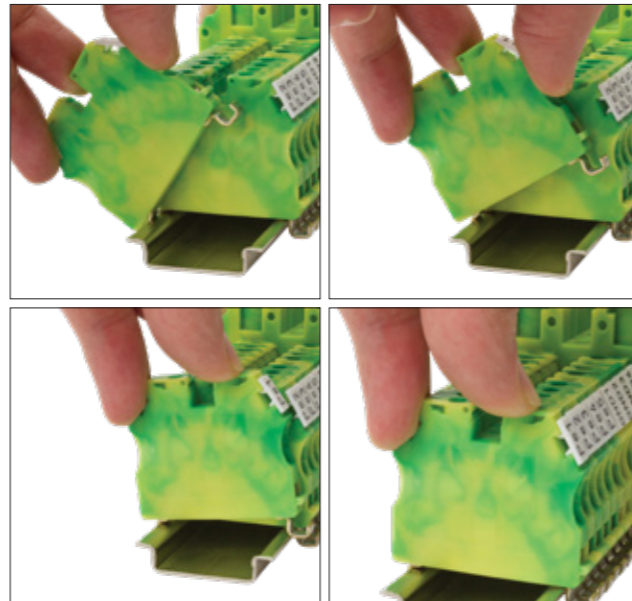


# AVK Series Terminals

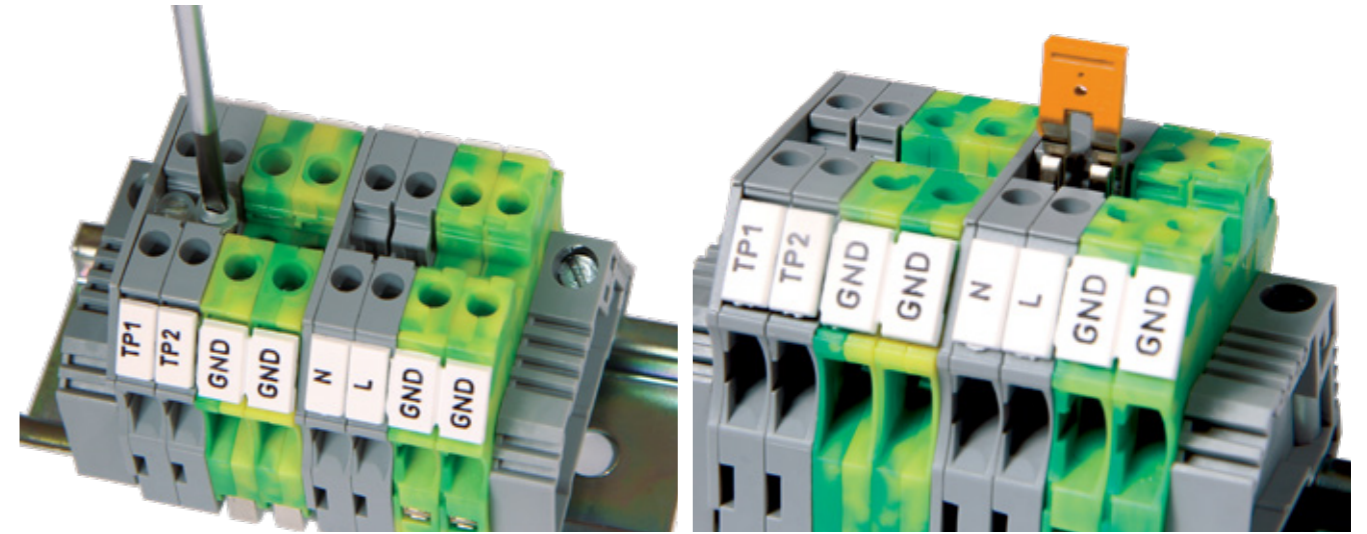
AVK Series Screw Connection Rail Terminals provide the whole range of cross sections from 2,5 up to 240 mm<sup>2</sup>. Terminals accessories like Cross Connection, End Plate, Comb Connector are available. Special Marking solutions for each cross section can be provided by Plotter labeling. The color of products can be selected from the color table.



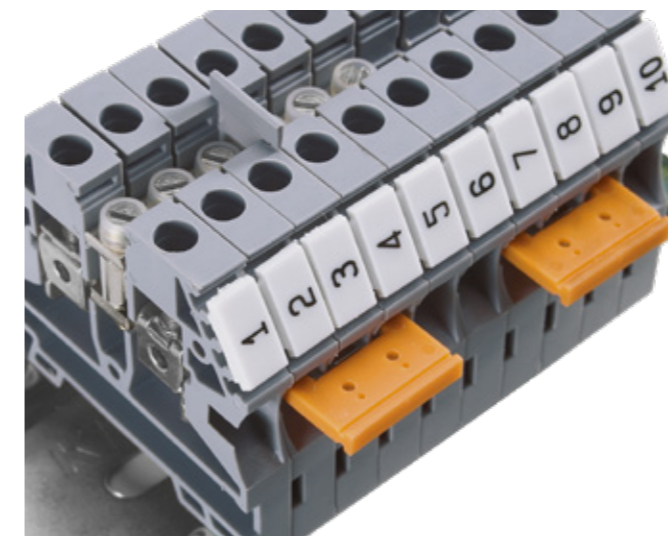
You can safely connect solid and stranded cables with ferrules and also you can use stranded cables without ferrule.



AVK RD series earth terminal blocks provide easy and screwless installation on the rail.



Thanks to push-in type jumpers, AVK RD series 2.5 and 4 mm<sup>2</sup> cross section feed-through terminal blocks can be cross connected easier and faster way. AVK 2.5 R and AVK 4 R terminals blocks are suitable for double line push-in cross connection, also suitable for strip label.



AVK 2.5 - 4,0 - 6,0 - 10,0 mm<sup>2</sup> range has the same height and length so that, one type of end plate and partition plate can be used.

You can also use comb type cross connection with AVK series terminal blocks in 2.5 - 4 - 6 - 10 mm<sup>2</sup> cross sections. All AVK series terminal blocks have special marking solutions for your projects.

## FEATURE OF AVK EARTH TERMINAL BLOCKS

Screw type earth terminal blocks can meet all important IEC requirements, such as low contact resistance, corrosion-resistant of connection points, secure screws etc. between 2.5 mm<sup>2</sup> - 50 mm<sup>2</sup> cross section options.

Yellow-green (mixed commando) body color is easily distinguishable from other terminal blocks. They do not cause visual problems when they are mounted side by side on the rail, because they are equal in size with the feed-through terminal block in the same cross section.

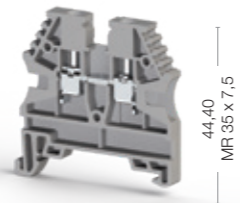
## EASY RAIL MOUNT AND ASSEMBLY

AVK RD series earth terminal blocks provide easy and screwless installation on the rail. For this reason, they are fast and economical, compared to standard screw type earth terminal blocks.

# AVK Series Terminals

## AVK 2,5

Width: 5 mm



44,20

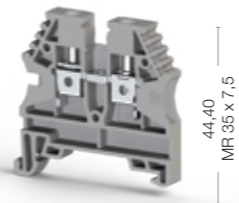
44,40  
MR 35 x 7,5

Cat No:

- 304 120RP
- 304 129RP

## AVK 4

Width: 6 mm



44,20

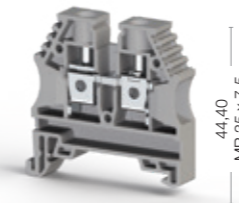
44,40  
MR 35 x 7,5

Cat No:

- 304 130RP
- 304 139RP

## AVK 6

Width: 8 mm



44,20

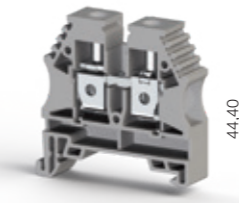
44,40  
MR 35 x 7,5

Cat No:

- 304 140RP
- 304 149RP

## AVK 10

Width: 10 mm



44,20

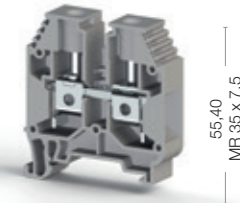
44,40  
MR 35 x 7,5

Cat No:

- 304 150RP
- 304 159RP

## AVK 16

Width: 12 mm



51,00

55,40  
MR 35 x 7,5

Cat No:

- 304 160
- 304 169



Electrical Ratings
CE (EN 60947-7-1)
UL - CuLus
VDE (IEC 60947-7-1)
CSA
ATEX

Connection Data
Conductor cross section solid (min-max.)
Conductor cross section stranded (min-max.)
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min-max.)
AWG Conductor
Insulation Stripping Length (min.-max.)
Torque (min-max.)
Screwdriver

End Plate - Disconnect Plate

Cross Connection

Comb Connector

Technical Data
Rated Impulse Voltage / Pollution severity
Insulation material group / Gauge pin code according to IEC 60947-1
Protection class / Protection conductor type
Marking Tags (Dekafix)
See pages 326-333 for a list of Dekafix

Package Quantity
100 pcs.

Color
Color code is the last digit of the order number
Blue
Green
Yellow
Red
Black
White
Orange
Brown
1
2
3
4
5
6
7
8

Voltage, V ~	Current, A	Cross-Section
750	24	2,5 mm <sup>2</sup>
600	20	AWG 26-12
750	24	2,5 mm <sup>2</sup>
600	20	AWG 28-12
630	23	

Type	Cat.No.	Qty.
NPP/AVK 2,5-10	444 120	100
APP/AVK 2,5-10	462 120	25

Type	Cat.No.	Qty.
UK 2,5/2	474 122	25
UK 2,5/3	474 123	20
UK 2,5/4	474 124	15
UK 2,5/10	474 129	5

Type	Cat.No.	Qty.
TKO 2,5/2	476 262	25
TKO 2,5/3	476 263	20
TKO 2,5/4	476 264	15
TKO 2,5/10	476 269	5

Type	Cat.No.	Qty.
8/3		
1/A3		
IP 20 / -		
D_NS 5x10, DB 10/5, DG 10/5, DG 10/5T		

Voltage, V ~	Current, A	Cross-Section
750	32	4 mm <sup>2</sup>
600	30	AWG 26-10
750	32	4 mm <sup>2</sup>
600	30	AWG 28-10
630	30,5	

Type	Cat.No.	Qty.
NPP/AVK 2,5-10	444 120	100
APP/AVK 2,5-10	462 120	25

Type	Cat.No.	Qty.
UK 4/2	474 132	25
UK 4/3	474 133	20
UK 4/4	474 134	15
UK 4/10	474 139	5
UK 4/20	474 180	5

Type	Cat.No.	Qty.
TKO 4/2	476 272	25
TKO 4/3	476 273	20
TKO 4/4	476 274	15
TKO 4/10	476 279	5

Type	Cat.No.	Qty.
8/3		
1/A4		
IP 20 / -		
D_NS 6x10, DB 10/6, DG 10/6, DG 10/6T		

Package Quantity
80 pcs.

Voltage, V ~	Current, A	Cross-Section
630	41	6 mm <sup>2</sup>
600	50	AWG 26-8
630	41	6 mm <sup>2</sup>
600	40	AWG 28-8
630	41	

Type	Cat.No.	Qty.
NPP/AVK 2,5-10	444 120	100
APP/AVK 2,5-10	462 120	25

Type	Cat.No.	Qty.
UK 6/2	474 142	25
UK 6/3	474 143	20
UK 6/4	474 144	15
UK 6/10	474 149	5

Type	Cat.No.	Qty.
TKO 6/2	476 282	25
TKO 6/3	476 283	20
TKO 6/4	476 284	15
TKO 6/10	476 289	5

Type	Cat.No.	Qty.
8/3		
1/B5		
IP 20 / -		
D_NS 8x10, DG 10/8		

Package Quantity
60 pcs.

Voltage, V ~	Current, A	Cross-Section
630	57	10 mm <sup>2</sup>
600	65	AWG 16-6
630	57	10 mm <sup>2</sup>
600	65	AWG 16-6
630	57	

Type	Cat.No.	Qty.
NPP/AVK 2,5-10	444 120	100
APP/AVK 2,5-10	462 120	25

Type	Cat.No.	Qty.
UK 10/2	474 152	25
UK 10/3	474 153	20
UK 10/4	474 154	15
UK 10/10	474 159	5

Type	Cat.No.	Qty.
TKO 10/2	476 292	25
TKO 10/3	476 293	20
TKO 10/4	476 294	15
TKO 10/10	476 299	5

Type	Cat.No.	Qty.
8/3		
1/B6		
IP 20 / -		
D_NS 10x10, DG 10/10		

Package Quantity
50 pcs.

Voltage, V ~	Current, A	Cross-Section
750	76	16 mm <sup>2</sup>
600	85	AWG 12-4
750	76	16 mm <sup>2</sup>
630	71	

Type	Cat.No.	Qty.
NPP/AVK 16	444 160	100
APP/AVK 16	462 160	25

Type	Cat.No.	Qty.
UK 16/2	474 162	25
UK 16/3	474 163	20
UK 16/4	474 164	15
UK 16/10	474 169	5

Type	Cat.No.	Qty.
TKO 16/2	476 292	25
TKO 16/3	476 293	20
TKO 16/4	476 294	15
TKO 16/10	476 299	5

Type	Cat.No.	Qty.
8/3		
1/B7		
IP 20 / -		
D_NS 10x10, D_NS 12x10, DG 10x10		

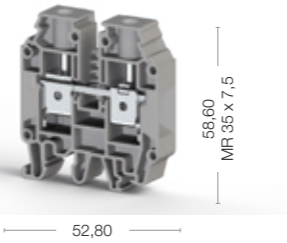
Package Quantity
50 pcs.

Color
Color code is the last digit of the order number
Blue
Green
Yellow
Red
Black
White
Orange
Brown
1
2
3
4
5
6
7
8

# AVK Series Terminals

## AVK 16 RD

Width: 12 mm

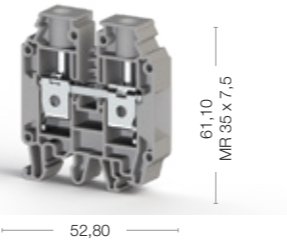


Cat No:

- 304 240
- 304 249

## AVK 25 RD

Width: 12 mm

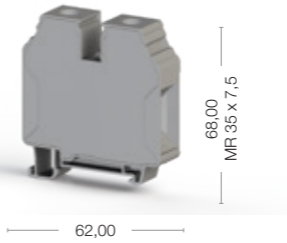


Cat No:

- 304 290
- 304 299

## AVK 35 RDS

Width: 16 mm

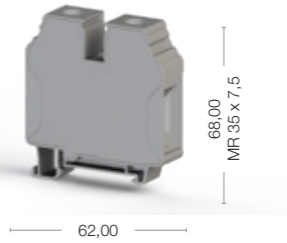


Cat No:

- 304 580
- 304 589

## AVK 35 IRDS

Width: 16 mm

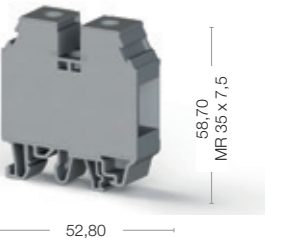


Cat No:

- 304 590
- 304 599

## AVK 35 RD

Width: 16 mm



Cat No:

- 304 250
- 304 259



Electrical Ratings
CE (EN 60947-7-1)
UL - CuLus
VDE (IEC 60947-7-1)
CSA
ATEX

Connection Data
Conductor cross section solid (min-max.)
Conductor cross section stranded (min-max.)
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min-max.)
AWG Conductor
Insulation Stripping Length (min.-max.)
Torque (min-max.)
Screwdriver

End Plate - Disconnect Plate

Cross Connection

Technical Data
Rated Impulse Voltage / Pollution severity
Insulation material group / Gauge pin code according to IEC 60947-1
Protection class / Protection conductor type
Marking Tags (Dekafix)
See pages 326-333 for a list of Dekafix

Package Quantity
50 pcs.

Voltage, V ~	Current, A	Cross-Section
750	76	16 mm <sup>2</sup>
600	80	AWG 12-4
750	76	16 mm <sup>2</sup>
600	80	AWG 12-4
630	76	

1,5-25 mm <sup>2</sup>
1,5-25 mm <sup>2</sup>
0,75-10 mm <sup>2</sup>
AWG 16-4
12-14 mm
1,2-2,0 Nm
IKT 5 (1,0x5,5)

Type	Cat.No.	Qty.
NPP/AVK 16 RD	444 170	100
APP/AVK 16 RD	462 170	25

Type	Cat.No.	Qty.
UK 16/2	474 162	25
UK 16/3	474 163	20
UK 16/4	474 164	15
UK 16/10	474 169	5

8/3
1/B7
IP 20 / -
D_NS 10x10, D_NS 12x10, DG 10x10

50 pcs.
---------

Voltage, V ~	Current, A	Cross-Section
750	101	25 mm <sup>2</sup>
600	100	AWG 12-2

1,5-35 mm <sup>2</sup>
1,5-35 mm <sup>2</sup>
1,5-10 mm <sup>2</sup>
AWG 16-2
12-14 mm
2,0-3,0 Nm
IKT 5 (1,0x5,5)

Type	Cat.No.	Qty.
NPP/AVK 25 RD	450 250	50

Type	Cat.No.	Qty.
UK 16/2	474 162	25
UK 16/3	474 163	20
UK 16/4	474 164	15
UK 16/10	474 169	5

8/3
1/B8
IP 20 / -
D_NS 10x10, D_NS 12x10, DG 10x10

50 pcs.
---------

Voltage, V ~	Current, A	Cross-Section
1000	125	35 mm <sup>2</sup>
600	115	AWG 10-2

6-50 mm <sup>2</sup>
6-35 mm <sup>2</sup>
4-16 mm <sup>2</sup>
AWG 10-2
16-18 mm
4,0-6,0 Nm
IKT 6 (1,2x6,5)

Type	Cat.No.	Qty.
UK 35/2 RDS	480 212	25
UK 35/3 RDS	480 213	20
UK 35/4 RDS	480 214	15
UK 35/10 RDS	480 219	5

8/3
1/B9
IP 20 / -
D_NS 10x10, D_NS 14x10, DG 10/10

50 pcs.
---------

Voltage, V ~	Current, A	Cross-Section
1000	125	35 mm <sup>2</sup>
600	115	AWG 10-2

6-50 mm <sup>2</sup>
6-35 mm <sup>2</sup>
4-16 mm <sup>2</sup>
AWG 10-2
16-18 mm
4,0-6,0 Nm
S 5 (DIN6911)

Type	Cat.No.	Qty.
UK 35/2 RDS	480 212	25
UK 35/3 RDS	480 213	20
UK 35/4 RDS	480 214	15
UK 35/10 RDS	480 219	5

8/3
1/B9
IP 20 / -
D_NS 10x10, D_NS 14x10, DG 10/10

50 pcs.
---------

Voltage, V ~	Current, A	Cross-Section
750	125	35 mm <sup>2</sup>
600	115	AWG 12-2
750	125	
600	115	AWG 12-2
630	125	

1,5-50 mm <sup>2</sup>
1,5-50 mm <sup>2</sup>
1,5-16 mm <sup>2</sup>
AWG 16-2
16-18 mm
2,5-3,5 Nm
IKT 6 (1,2x6,5)

Type	Cat.No.	Qty.
APP/AVK 35 RD	462 180	10

Type	Cat.No.	Qty.
UK 35/2	474 172	25
UK 35/3	474 173	20
UK 35/4	474 174	15
UK 35/10	474 179	5

8/3
1/B9
IP 20 / -
D_NS 10x10, D_NS 14x10, DG 10/10

50 pcs.
---------

Voltage, V ~	Current, A	Cross-Section
750	125	35 mm <sup>2</sup>
600	115	AWG 12-2
750	125	
600	115	AWG 12-2
630	125	

1,5-50 mm <sup>2</sup>
1,5-50 mm <sup>2</sup>
1,5-16 mm <sup>2</sup>
AWG 16-2
16-18 mm
2,5-3,5 Nm
IKT 6 (1,2x6,5)

Type	Cat.No.	Qty.
APP/AVK 35 RD	462 180	10

Type	Cat.No.	Qty.
UK 35/2	474 172	25
UK 35/3	474 173	20
UK 35/4	474 174	15
UK 35/10	474 179	5

8/3
1/B9
IP 20 / -
D_NS 10x10, D_NS 14x10, DG 10/10

40 pcs.
---------

\* Higher torque value compare to AVK 35 RD

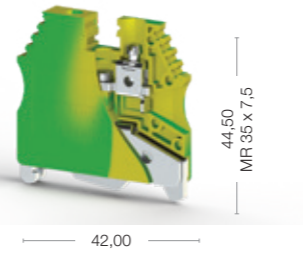
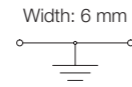
\* Inbus screw

Color							
Color code is the last digit of the order number							
Blue	Green	Yellow	Red	Black	White	Orange	Brown
1	2	3	4	5	6	7	8

Color							
Color code is the last digit of the order number							
Blue	Green	Yellow	Red	Black	White	Orange	Brown
1	2	3	4	5	6	7	8

# AVK T Series Earth Terminals

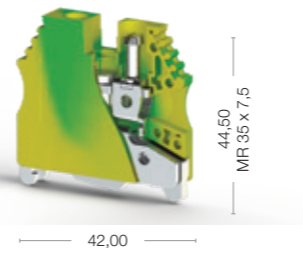
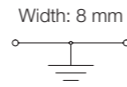
## AVK 2,5 / 4 TK



Cat No:

334 450

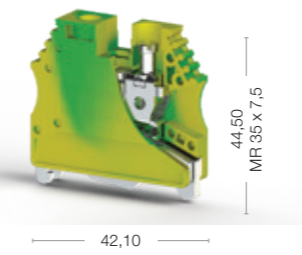
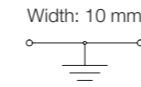
## AVK 6 TK



Cat No:

334 460

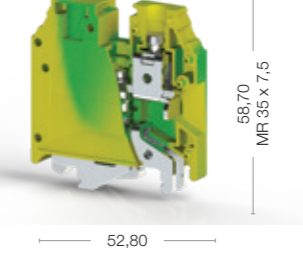
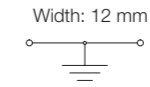
## AVK 10 TK



Cat No:

334 470

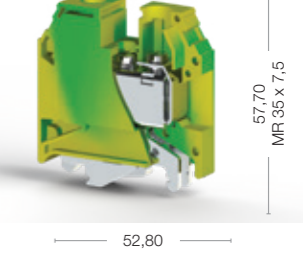
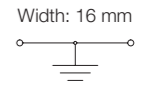
## AVK 16 T RD



Cat No:

334 200

## AVK 35 T RD



Cat No:

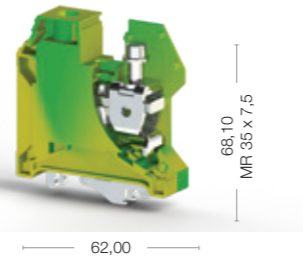
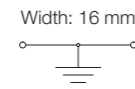
334 210



Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-2)			2,5-4 mm <sup>2</sup>			6 mm <sup>2</sup>			10 mm <sup>2</sup>			16 mm <sup>2</sup>			35 mm <sup>2</sup>
UL - CuLus			AWG 26-10			AWG 26-8			AWG 16-6			AWG 12-4			AWG 12-2
VDE (IEC 60947-7-2)												16 mm <sup>2</sup>			35 mm <sup>2</sup>
CSA												AWG 12-4			AWG 12-2
ATEX															
<b>Connection Data</b>															
Conductor cross section solid (min-max.)		0,2-6 mm <sup>2</sup>			0,2-10 mm <sup>2</sup>				0,5-16 mm <sup>2</sup>			1,5-25 mm <sup>2</sup>			1,5-50 mm <sup>2</sup>
Conductor cross section stranded (min-max.)		0,2-6 mm <sup>2</sup>			0,2-10 mm <sup>2</sup>				0,5-16 mm <sup>2</sup>			1,5-25 mm <sup>2</sup>			1,5-50 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min-max.)		0,5-2,5 mm <sup>2</sup>			0,5-4 mm <sup>2</sup>				0,5-6 mm <sup>2</sup>			0,75-10 mm <sup>2</sup>			1,5-16 mm <sup>2</sup>
AWG Conductor		AWG 24-10			AWG 24-8				AWG 20-6			AWG 16-4			AWG 16-2
Insulation Stripping Length (min.-max.)		9-10 mm			10-12 mm				10-12 mm			12-14 mm			16-18 mm
Torque (min-max.)		0,5-0,8 Nm			0,8-1,2 Nm				1,2-1,8 Nm			1,2-2,0 Nm			2,5-3,5 Nm
Rail Tightening torque, (min-max.)		0,4-0,6 Nm			0,6-0,8 Nm				0,8-1,0 Nm			1,0-1,2 Nm			1,2-1,5 Nm
Screwdriver		IKT 3 (0,6x3,5)			IKT 4 (0,8x4)				IKT 4 (1,2x6,5)			IKT 5 (1,2x6,5)			IKT 6 (1,2x6,5)
<b>Technical Data</b>															
Rated Impulse Voltage / Pollution severity	8/3			8/3					8/3			8/3			8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A4			1/B5					1/B6			1/B7			1/B9
Protection class / Protection conductor type	IP 20 / PE			IP 20 / PE					IP 20 / PE			IP 20 / PE			IP 20 / PE
<b>Marking Tags (Dekafix)</b>															
See pages 326-333 for a list of Dekafix	D_NS 6x10, DB 10/6, DG 10/6, DG 10/6T			D_NS 8x10, DG 10/8					D_NS 10x10, DG 10/10			D_NS 10x10, D_NS 12x10, DG 10/10			D_NS 10x10, D_NS 1x10, DG 10/10
<b>Package Quantity</b>		50 pcs.			25 pcs.				25 pcs.			50 pcs.			40 pcs.

# AVK T Series Earth Terminals

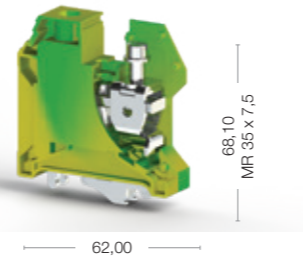
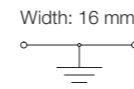
## AVK 35 T RDS



Cat No:

334 240

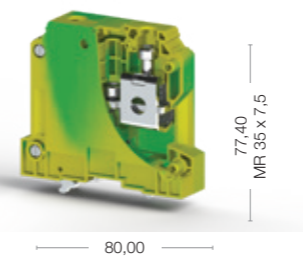
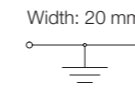
## AVK 35 T IRDS



Cat No:

334 250

## AVK 50 T



Cat No:

334 190

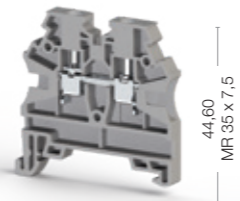


Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	
CE (EN 60947-7-2)			35 mm <sup>2</sup>			35 mm <sup>2</sup>			50 mm <sup>2</sup>	
UL - CuLus			AWG 10-2			AWG 10-2			AWG 16-1/0	
VDE (IEC 60947-7-2)										
CSA										
ATEX							800			
Connection Data										
Conductor cross section solid (min-max.)	6-50 mm <sup>2</sup>		6-50 mm <sup>2</sup>		6-50 mm <sup>2</sup>		16-70 mm <sup>2</sup>			
Conductor cross section stranded (min-max.)	6-35 mm <sup>2</sup>		6-35 mm <sup>2</sup>		6-35 mm <sup>2</sup>		25-50 mm <sup>2</sup>			
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min-max.)	4-16 mm <sup>2</sup>		4-16 mm <sup>2</sup>		4-16 mm <sup>2</sup>		10-16 mm <sup>2</sup>			
AWG Conductor	AWG 10-2		AWG 10-2		AWG 10-2		AWG 10-1/0			
Insulation Stripping Length (min.-max.)	16-18 mm		16-18 mm		16-18 mm		22-24 mm			
Torque (min-max.)	4,0-6,0 Nm		4,0-6,0 Nm		4,0-6,0 Nm		6,0-10 Nm			
Rail Tightening torque, (min-max.)	1,2-1,5 Nm		1,2-1,5 Nm		1,2-1,5 Nm		1,5-2,0 Nm			
Screwdriver	IKT 6 (1,2x6,5)		S 5 (DIN6911)		S 5 (DIN6911)		S 5 (DIN6911)			
Technical Data										
Rated Impulse Voltage / Pollution severity	8/3		8/3		8/3		8/3			
Insulation material group / Gauge pin code according to IEC 60947-1	1/B9		1/B9		1/B9		1/B10			
Protection class / Protection conductor type	IP 20 / PE		IP 20 / PE		IP 20 / PE		IP 20 / PE			
Marking Tags (Dekafix)										
See pages 326-333 for a list of Dekafix	D_NS 10x10, D_NS 14x10, DG 10/10		D_NS 10x10, D_NS 14x10, DG 10/10		D_NS 10x10, D_NS 14x10, DG 10/10		KOIP SW, SLF-P1 W			
Package Quantity	25 pcs.		25 pcs.		25 pcs.		10 pcs.			

# AVK RD Series Terminals

## AVK 2,5 RD

Width: 5 mm

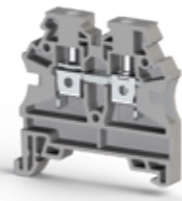


44,60  
MR 35 x 7,5

44,20

## AVK 4 RD

Width: 6 mm

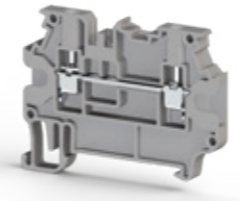


44,60  
MR 35 x 7,5

44,20

## AVK 2,5 R

Width: 5 mm

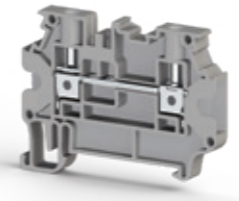
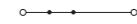


43,80  
MR 35 x 7,5

58,00

## AVK 4 R

Width: 6 mm



43,80  
MR 35 x 7,5

58,00

Cat No:

- 304 200RP
- 304 209RP

Cat No:

- 304 210RP
- 304 219RP

Cat No:

- 304 409
- 304 400

Cat No:

- 304 390
- 304 399



Electrical Ratings
CE (EN 60947-7-1)
UL - CuLus
VDE (IEC 60947-7-1)
CSA
ATEX

Voltage, V ~	Current, A	Cross-Section
750	24	2,5 mm <sup>2</sup>
600	20	AWG 26-12
750	24	2,5 mm <sup>2</sup>
630	23	

Voltage, V ~	Current, A	Cross-Section
750	32	4 mm <sup>2</sup>
600	30	AWG 26-10
750	32	4 mm <sup>2</sup>
630	29	

Voltage, V ~	Current, A	Cross-Section
800	24	2,5 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
800	32	4 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
800	32	4 mm <sup>2</sup>

Connection Data
Conductor cross section solid (min-max.)
Conductor cross section stranded (min-max.)
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min-max.)
AWG Conductor
Insulation Stripping Length (min.-max.)
Torque (min-max.)
Screwdriver

0,2-4 mm <sup>2</sup>
0,2-4 mm <sup>2</sup>
0,5-1,5 mm <sup>2</sup>
AWG 24-12
9-10 mm
0,4-0,6 Nm
IKT 3 (0,6x3,5)

0,2-6 mm <sup>2</sup>
0,2-6 mm <sup>2</sup>
0,5-2,5 mm <sup>2</sup>
AWG 24-10
9-10 mm
0,5-0,8 Nm
IKT 3 (0,6x3,5)

0,2-4 mm <sup>2</sup>
0,2-4 mm <sup>2</sup>
0,5-1,5 mm <sup>2</sup>
AWG 24-12
9-10 mm
0,4-0,6 Nm
IKT 3 (0,6x3,5)

0,2-6 mm <sup>2</sup>
0,2-6 mm <sup>2</sup>
0,5-2,5 mm <sup>2</sup>
AWG 24-10
9-10 mm
0,5-0,8 Nm
IKT 3 (0,6x3,5)

0,2-4 mm <sup>2</sup>
0,2-4 mm <sup>2</sup>
0,5-1,5 mm <sup>2</sup>
AWG 24-12
9-10 mm
0,4-0,6 Nm
IKT 3 (0,6x3,5)

End Plate - Disconnect Plate

Type	Cat.No.	Qty.
NPP/AVK 2,5-10	444 120	100
APP/AVK 2,5-10	462 120	25

Type	Cat.No.	Qty.
NPP/AVK 2,5-10	444 120	100
APP/AVK 2,5-10	462 120	25

Type	Cat.No.	Qty.
NPP/AVK 2,5 R	450 330	25

Type	Cat.No.	Qty.
NPP/AVK 4 R	450 330	25

Type	Cat.No.	Qty.
NPP/AVK 2,5 R	450 330	25

Cross Connection

Type	Cat.No.	Qty.
UK 2,5/2	476 222	25
UK 2,5/3	476 223	20
UK 2,5/4	476 224	15
UK 2,5/10	476 229	5

Type	Cat.No.	Qty.
UK 4/2	476 232	25
UK 4/3	476 233	20
UK 4/4	476 234	15
UK 4/10	476 239	5

Type	Cat.No.	Qty.
UK 2,5/2	476 222	25
UK 2,5/3	476 223	20
UK 2,5/4	476 224	15
UK 2,5/10	476 229	5

Type	Cat.No.	Qty.
UK 4/2	476 232	25
UK 4/3	476 233	20
UK 4/4	476 234	15
UK 4/10	476 239	5

Type	Cat.No.	Qty.
UK 2,5/2	476 222	25
UK 2,5/3	476 223	20
UK 2,5/4	476 224	15
UK 2,5/10	476 229	5

Comb Connector

Type	Cat.No.	Qty.
TKO 2,5/2	476 262	25
TKO 2,5/3	476 263	20
TKO 2,5/4	476 264	15
TKO 2,5/10	476 269	5

Type	Cat.No.	Qty.
TKO 4/2	476 272	25
TKO 4/3	476 273	20
TKO 4/4	476 274	15
TKO 4/10	476 279	5

Type	Cat.No.	Qty.
TKO 2,5/2	476 262	25
TKO 2,5/3	476 263	20
TKO 2,5/4	476 264	15
TKO 2,5/10	476 269	5

Type	Cat.No.	Qty.
TKO 4/2	476 272	25
TKO 4/3	476 273	20
TKO 4/4	476 274	15
TKO 4/10	476 279	5

Type	Cat.No.	Qty.
TKO 2,5/2	476 262	25
TKO 2,5/3	476 263	20
TKO 2,5/4	476 264	15
TKO 2,5/10	476 269	5

Technical Data
Rated Impulse Voltage / Pollution severity
Insulation material group / Gauge pin code according to IEC 60947-1
Protection class / Protection conductor type

8/3
1/A3
IP 20 / -

8/3
1/A4
IP 20 / -

8/3
1/A3
IP 20 / -

8/3
1/A3
IP 20 / -

8/3
1/A4
IP 20 / -

Marking Tags (Dekafix)
See pages 326-333 for a list of Dekafix

DB 10/5, DG 10/5, DG 10/5T
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D_NS 6x10, DB 10/6, DG 10/6, DG 10/6T
---------------------------------------

D_NS 5x10, DB 10/5, DG 10/5, DG 10/5T
---------------------------------------

D_NS 5x10, DB 10/5, DG 10/5, DG 10/5T
---------------------------------------

D_NS 6x10, DB 10/6, DG 10/6, DG 10/6T
---------------------------------------

Package Quantity
100 pcs.

100 pcs.
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80 pcs.
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80 pcs.
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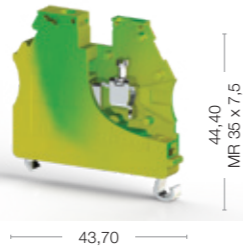
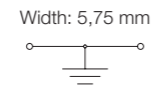
50 pcs.
---------

50 pcs.
---------

Color
Color code is the last digit of the order number
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<span style="display: inline-block; width: 15px; height: 10px; background-color: #008000; border: 1px solid black;"></span> Green
<span style="display: inline-block; width: 15px; height: 10px; background-color: #ffff00; border: 1px solid black;"></span> Yellow
<span style="display: inline-block; width: 15px; height: 10px; background-color: #ff0000; border: 1px solid black;"></span> Red
<span style="display: inline-block; width: 15px; height: 10px; background-color: #000000; border: 1px solid black;"></span> Black
<span style="display: inline-block; width: 15px; height: 10px; background-color: #ffffff; border: 1px solid black;"></span> White
<span style="display: inline-block; width: 15px; height: 10px; background-color: #ffa500; border: 1px solid black;"></span> Orange
<span style="display: inline-block; width: 15px; height: 10px; background-color: #8b4513; border: 1px solid black;"></span> Brown
1
2
3
4
5
6
7
8

# AVK RD Series Earth Terminals

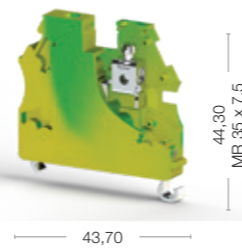
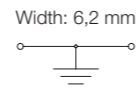
## AVK 2,5 T RD



Cat No:

334 170

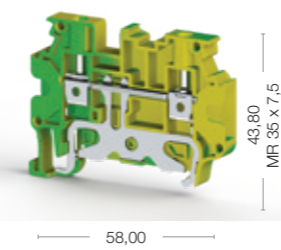
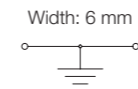
## AVK 4 T RD



Cat No:

334 180

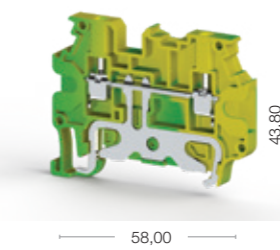
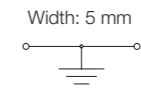
## AVK 4 RT



Cat No:

334 270

## AVK 2,5 RT



Cat No:

334 280



Electrical Ratings
CE (EN 60947-7-1 / EN 60947-7-2)
UL - CuLus
VDE (IEC 60947-7-1 / EN 60947-7-2)
CSA
ATEX

Connection Data	
Conductor cross section solid (min-max.)	0,2-4 mm <sup>2</sup>
Conductor cross section stranded (min-max.)	0,2-4 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min-max.)	0,5-1,5 mm <sup>2</sup>
AWG Conductor	AWG 24-12
Insulation Stripping Length (min.-max.)	9-10 mm
Torque (min-max.)	0,4-0,6 Nm
Rail Tightening torque, (min-max.)	
Screwdriver	IKT 3 (0,6x3,5)

End Plate - Disconnect Plate

Technical Data	
Rated Impulse Voltage / Pollution severity	8
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3
Protection class / Protection conductor type	IP 20 / PE
Marking Tags (Dekafix)	
See pages 326-333 for a list of Dekafix	D_NS 5x10, DB 10/5, DG 10/5, DG 10/5T

Package Quantity
50 pcs.

Voltage, V ~	Current, A	Cross-Section
		2,5 mm <sup>2</sup>
		AWG 26-12

Voltage, V ~	Current, A	Cross-Section
		0,2-6 mm <sup>2</sup>
		0,2-6 mm <sup>2</sup>
		0,5-2,5 mm <sup>2</sup>
		AWG 24-10
		9-10 mm
		0,5-0,8 Nm
		IKT 3 (0,6x3,5)

Type	Cat.No.	Qty.
NPP /AVK 4 RT	450 332 T	25

Type	Cat.No.	Qty.
NPP /AVK 2,5 RT	450 332 T	25

Type	Cat.No.	Qty.
NPP /AVK 4 RT	450 332 T	25

Voltage, V ~	Current, A	Cross-Section
		4 mm <sup>2</sup>
		AWG 26-10

Voltage, V ~	Current, A	Cross-Section
		0,2-6 mm <sup>2</sup>
		0,2-6 mm <sup>2</sup>
		0,5-2,5 mm <sup>2</sup>
		AWG 24-10
		9-10 mm
		0,5-0,8 Nm
		IKT 3 (0,6x3,5)

Type	Cat.No.	Qty.
NPP /AVK 4 RT	450 332 T	25

Type	Cat.No.	Qty.
NPP /AVK 2,5 RT	450 332 T	25

Type	Cat.No.	Qty.
NPP /AVK 4 RT	450 332 T	25

Voltage, V ~	Current, A	Cross-Section
		4 mm <sup>2</sup>
		AWG 26-10

Voltage, V ~	Current, A	Cross-Section
		0,2-6 mm <sup>2</sup>
		0,2-6 mm <sup>2</sup>
		0,5-2,5 mm <sup>2</sup>
		AWG 24-10
		9-10 mm
		0,5-0,8 Nm
		IKT 3 (0,6x3,5)

Type	Cat.No.	Qty.
NPP /AVK 4 RT	450 332 T	25

Type	Cat.No.	Qty.
NPP /AVK 2,5 RT	450 332 T	25

Type	Cat.No.	Qty.
NPP /AVK 4 RT	450 332 T	25

Voltage, V ~	Current, A	Cross-Section
		4 mm <sup>2</sup>
		AWG 26-10

Voltage, V ~	Current, A	Cross-Section
		0,2-6 mm <sup>2</sup>
		0,2-6 mm <sup>2</sup>
		0,5-2,5 mm <sup>2</sup>
		AWG 24-10
		9-10 mm
		0,5-0,8 Nm
		IKT 3 (0,6x3,5)

Type	Cat.No.	Qty.
NPP /AVK 4 RT	450 332 T	25

Type	Cat.No.	Qty.
NPP /AVK 2,5 RT	450 332 T	25

Type	Cat.No.	Qty.
NPP /AVK 4 RT	450 332 T	25

Voltage, V ~	Current, A	Cross-Section
		2,5 mm <sup>2</sup>
		AWG 26-12

Voltage, V ~	Current, A	Cross-Section
		0,2-4 mm <sup>2</sup>
		0,2-4 mm <sup>2</sup>
		0,5-1,5 mm <sup>2</sup>
		AWG 24-12
		9-10 mm
		0,4-0,6 Nm
		IKT 3 (0,6x3,5)

Type	Cat.No.	Qty.
NPP /AVK 4 RT	450 332 T	25

Type	Cat.No.	Qty.
NPP /AVK 2,5 RT	450 332 T	25

Type	Cat.No.	Qty.
NPP /AVK 4 RT	450 332 T	25

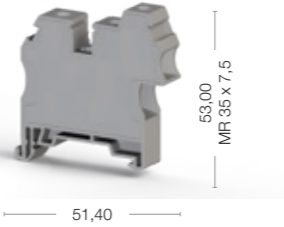




# AVK Series Terminals

## AVK 10 RD 4

Width: 10 mm

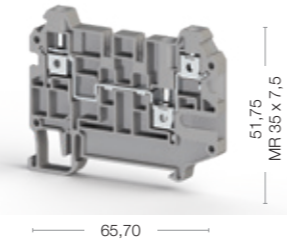


Cat No:

- 304 289
- 304 280

## AVK 4 CE

Width: 6 mm

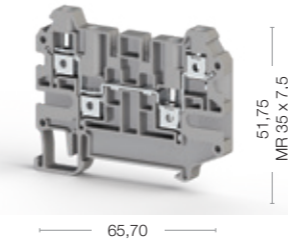


Cat No:

- 325 229
- 325 220

## AVK 4 CC

Width: 6 mm

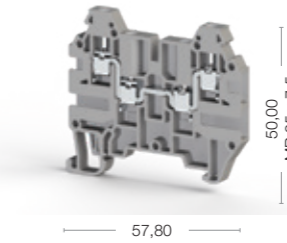


Cat No:

- 325 209
- 325 200

## AVK 2,5 CC

Width: 5 mm

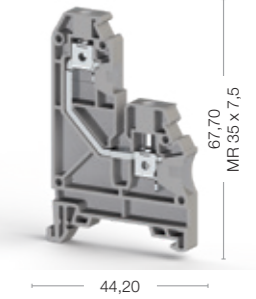


Cat No:

- 324 909
- 304 900

## AVK 4 GD

Width: 6 mm



Cat No:

- 304 270
- 304 279



Electrical Ratings
CE (EN 60947-7-1)
UL - CuLus
VDE (IEC 60947-7-1)
CSA
ATEX

Voltage, V ~	Current, A	Cross-Section
800	57	10 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
500	32	4 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
500	32	4 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
750	24	2,5 mm <sup>2</sup>
600	20	AWG 26-12
630	24	

Voltage, V ~	Current, A	Cross-Section
500	32	4 mm <sup>2</sup>
500	26	

Voltage, V ~	Current, A	Cross-Section
500	32	4 mm <sup>2</sup>
500	26	

Connection Data
Conductor cross section solid (min.-max.)
Conductor cross section stranded (min.-max.)
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min.-max.)
AWG Conductor
Insulation Stripping Length (min.-max.)
Torque (min.-max.)
Screwdriver

0,5/0,2 mm <sup>2</sup> - 16/4 mm <sup>2</sup>
0,5/0,2 mm <sup>2</sup> - 16/4 mm <sup>2</sup>
0,5/0,5 - 6/1,5 mm <sup>2</sup>
AWG 20/24 - 6/12
10/7 - 12/8 mm
1,2-0,5 / 1,8-0,8 Nm
IKT 3 (0,6x3,5) / IKT 4 (0,8x4)

0,2-6 mm <sup>2</sup>
0,2-6 mm <sup>2</sup>
0,5-2,5 mm <sup>2</sup>
AWG 24-10
9-10 mm
0,5-0,8 Nm
IKT 3 (0,6x3,5)

0,2-6 mm <sup>2</sup>
0,2-6 mm <sup>2</sup>
0,5-2,5 mm <sup>2</sup>
AWG 24-10
9-10 mm
0,5-0,8 Nm
IKT 3 (0,6x3,5)

0,2-4 mm <sup>2</sup>
0,2-4 mm <sup>2</sup>
0,5-1,5 mm <sup>2</sup>
AWG 24-12
9-10 mm
0,4-0,6 Nm
IKT 3 (0,6x3,5)

0,2-6 mm <sup>2</sup>
0,2-6 mm <sup>2</sup>
0,5-2,5 mm <sup>2</sup>
AWG 24-10
9-10 mm
0,5-0,8 Nm
IKT 3 (0,6x3,5)

0,2-6 mm <sup>2</sup>
0,2-6 mm <sup>2</sup>
0,5-2,5 mm <sup>2</sup>
AWG 24-10
9-10 mm
0,5-0,8 Nm
IKT 3 (0,6x3,5)

End Plate - Disconnect Plate

Type	Cat.No.	Qty.
NPP/AVK 4 CE	450 349	25

Type	Cat.No.	Qty.
NPP/AVK 4 CC	450 349	25

Type	Cat.No.	Qty.
NPP/AVK 2,5 CC	444 139	25

Type	Cat.No.	Qty.
NPP/AVK 4GD	444 140	25

Type	Cat.No.	Qty.
UK 10/2	474 152	25
UK 10/3	474 153	20
UK 10/4	474 154	15
UK 10/10	474 159	5

Type	Cat.No.	Qty.
UK 4/2	476 232	25
UK 4/3	476 233	20
UK 4/4	476 234	15
UK 4/10	476 239	5

Cross Connection

Type	Cat.No.	Qty.
UK 10/2	474 152	25
UK 10/3	474 153	20
UK 10/4	474 154	15
UK 10/10	474 159	5

Type	Cat.No.	Qty.
UK 4/2	476 232	25
UK 4/3	476 233	20
UK 4/4	476 234	15
UK 4/10	476 239	5

Type	Cat.No.	Qty.
UK 4/2	476 232	25
UK 4/3	476 233	20
UK 4/4	476 234	15
UK 4/10	476 239	5

Type	Cat.No.	Qty.
UK 2,5/2	476 222	25
UK 2,5/3	476 223	20
UK 2,5/4	476 224	15
UK 2,5/10	476 229	5

Type	Cat.No.	Qty.
UK 4/2	476 232	25
UK 4/3	476 233	20
UK 4/4	476 234	15
UK 4/10	476 239	5

Type	Cat.No.	Qty.
TKO 10/2	476 292	25
TKO 10/3	476 293	20
TKO 10/4	476 294	15
TKO 10/10	476 299	5

Comb Connector

Type	Cat.No.	Qty.
TKO 10/2	476 292	25
TKO 10/3	476 293	20
TKO 10/4	476 294	15
TKO 10/10	476 299	5

Type	Cat.No.	Qty.
TKO 4/2	476 272	25
TKO 4/3	476 273	20
TKO 4/4	476 274	15
TKO 4/10	476 279	5

Type	Cat.No.	Qty.
TKO 4/2	476 272	25
TKO 4/3	476 273	20
TKO 4/4	476 274	15
TKO 4/10	476 279	5

Type	Cat.No.	Qty.
D_NS 10x10, DG 10/10		

Type	Cat.No.	Qty.
D_NS 5x6, D_NS 6x10, DB 5, DB 10/6, DG 6/5, DG 10/6, DG 10/6T		

Type	Cat.No.	Qty.
D_NS 5x6, D_NS 6x10, DB 5, DB 10/6, DG 6/5, DG 10/6, DG 10/6T		

Technical Data
Rated Impulse Voltage / Pollution severity
Insulation material group / Gauge pin code according to IEC 60947-1
Protection class / Protection conductor type
Marking Tags (Dekafix)
See pages 326-333 for a list of Dekafix

6/3
1/B6-A4
IP 20 / -
D_NS 10x10, DG 10/10

6/3
1/A4
IP 20 / -
D_NS 6x10, DB 10/6, DG 10/6, DG 10/6T

6/3
1/A4
IP 20 / -
D_NS 6x10, DB 10/6, DG 10/6, DG 10/6T

8/3
1/A3
IP 20 / -
D_NS 5x10, DB 10/5, Dg 10/5, DG 10/5T

8/3
1/A4
IP 20 / -
D_NS 5x6, D_NS 6x10, DB 5, DB 10/6, DG 6/5, DG 10/6, DG 10/6T

8/3
1/A4
IP 20 / -
D_NS 5x6, D_NS 6x10, DB 5, DB 10/6, DG 6/5, DG 10/6, DG 10/6T

Package Quantity
60 pcs.

60 pcs.
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50 pcs.
---------

50 pcs.
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50 pcs.
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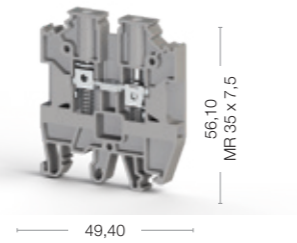
100 pcs.
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100 pcs.
----------

# AVK Y Series Terminals

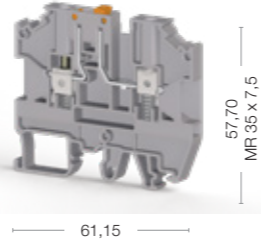
## AVK Y 4

Width: 6 mm



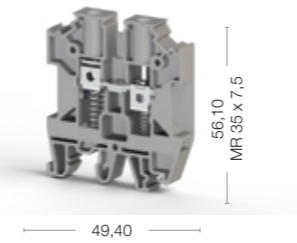
## AVK Y 4 A

Width: 6 mm



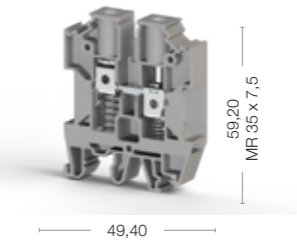
## AVK Y 6

Width: 8 mm



## AVK Y 10

Width: 10 mm



Cat No:

- 304 500
- 304 509

Cat No:

- 304 600
- 304 609



Cat No:

- 304 510
- 304 519

Cat No:

- 304 520
- 304 529

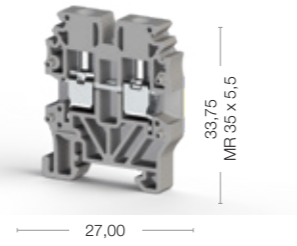


Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	800	32	4 mm <sup>2</sup>	500	32	4 mm <sup>2</sup>	800	41	6 mm <sup>2</sup>	800	57	10 mm <sup>2</sup>
UL - CuLus												
VDE (IEC 60947-7-1)												
CSA												
ATEX												
Connection Data												
Conductor cross section solid (min.-max.)	0,2-6 mm <sup>2</sup>			0,2-6 mm <sup>2</sup>			0,2-10 mm <sup>2</sup>			0,5-16 mm <sup>2</sup>		
Conductor cross section stranded (min.-max.)	0,2-6 mm <sup>2</sup>			0,2-6 mm <sup>2</sup>			0,2-10 mm <sup>2</sup>			0,5-16 mm <sup>2</sup>		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min.-max.)	0,5-2,5 mm <sup>2</sup>			0,5-2,5 mm <sup>2</sup>			0,5-4 mm <sup>2</sup>			0,5-6 mm <sup>2</sup>		
AWG Conductor	AWG 24-10			AWG 24-10			AWG 24-8			AWG 20-16		
Insulation Stripping Length (min.-max.)	10-12 mm			10-12 mm			10-12 mm			10-12 mm		
Torque (min.-max.)	0,5-0,8 Nm			0,5-0,8 Nm			0,8-1,2 Nm			1,2-1,8 Nm		
Screwdriver	IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)			IKT 4 (0,8x0,4)			IKT 4 (0,8x0,4)		
End Plate - Disconnect Plate	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.
	NPP AVK Y 4/6	450 300	50	NPP AVK Y 4A	450 390	20	NPP AVK Y 4/6	450 300	50	NPP/AVK Y 10	450 260	50
Cross Connection	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.
	UK 4/2	474 132	25	UK 4/2	474 132	25	UK 6/2	474 142	25	UK 10/2	474 152	25
	UK 4/3	474 133	20	UK 4/3	474 133	20	UK 6/3	474 143	20	UK 10/3	474 153	20
	UK 4/4	474 134	15	UK 4/4	474 134	15	UK 6/4	474 144	15	UK 10/4	474 154	15
	UK 4/10	474 139	5	UK 4/10	474 139	5	UK 6/10	474 149	5	UK 10/10	474 159	5
	UK 4/20	474 180	5	UK 4/20	474 180	5						
	UK 4/50	474 190	5	UK 4/50	474 190	5						
Technical Data												
Rated Impulse Voltage / Pollution severity	8/3			8/3			8/3			8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/B4			1/B4			1/B5			1/B6		
Protection class / Protection conductor type	IP 20 / -			IP 20 / -			IP 20 / -			IP 20 / -		
Marking Tags (Dekafix)												
See pages 326-333 for a list of Dekafix	DB 10/6, DG 10/6T, SLF-P1 W			D-NS 6x10, DG 10/6, DG 10/6T, DB 10/6, SLF-P1 W			D_NS 8x10, DG 10/8, SLF-P1 W			D_NS 10x10, DG 10/10, SLF-P1 W		
Package Quantity	120 pcs.			30 pcs.			90 pcs.			70 pcs.		

# MVK Type Mini Terminals for MR 15 Rails

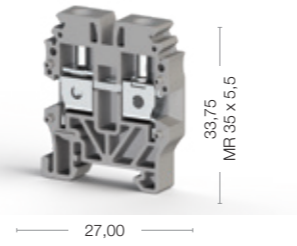
## MVK 2,5

Width: 5 mm



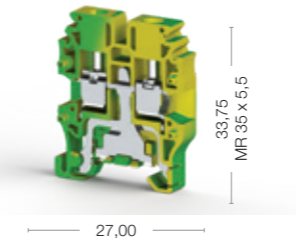
## MVK 4

Width: 6 mm



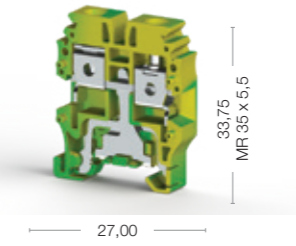
## MVK 2,5 T

Width: 5 mm



## MVK 4 T

Width: 6 mm



Cat No:

304 429  
304 420

Cat No:

304 439  
304 430

Cat No:

334 420

Cat No:

334 430



Electrical Ratings
CE (EN 60947-7-1 / EN 60947-7-2)
UL - CuLus
VDE (IEC 60947-7-1)
CSA
ATEX

Voltage, V ~	Current, A	Cross-Section
400	24	2,5 mm <sup>2</sup>
300	20	AWG 26-12
400	23	

Voltage, V ~	Current, A	Cross-Section
400	32	4 mm <sup>2</sup>
300	30	AWG 24-10
400	31,5	

Voltage, V ~	Current, A	Cross-Section
		2,5 mm <sup>2</sup>
		AWG 26-12
400		

Voltage, V ~	Current, A	Cross-Section
		4 mm <sup>2</sup>
		AWG 24-10
400		

Connection Data
Conductor cross section solid (min.-max.)
Conductor cross section stranded (min.-max.)
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min.-max.)
AWG Conductor
Insulation Stripping Length (min.-max.)
Torque (min.-max.)
Screwdriver

0,2-4 mm <sup>2</sup>
0,2-4 mm <sup>2</sup>
0,5-1,5 mm <sup>2</sup>
AWG 24-12
9-10 mm
0,4-0,6 Nm
IKT 3 (0,6x3,5)

0,2-6 mm <sup>2</sup>
0,2-6 mm <sup>2</sup>
0,5-2,5 mm <sup>2</sup>
AWG 24-10
9-10 mm
0,5-0,8 Nm
IKT 3 (0,6x3,5)

0,2-4 mm <sup>2</sup>
0,2-4 mm <sup>2</sup>
0,5-1,5 mm <sup>2</sup>
AWG 24-12
9-10 mm
0,4-0,6 Nm
IKT 3 (0,6x3,5)

0,2-6 mm <sup>2</sup>
0,2-6 mm <sup>2</sup>
0,5-2,5 mm <sup>2</sup>
AWG 24-10
9-10 mm
0,5-0,8 Nm
IKT 3 (0,6x3,5)

End Plate - Disconnect Plate

Type	Cat.No.	Qty.
NPP/MVK 2,5-4	444 429	100

Type	Cat.No.	Qty.
NPP/MVK 2,5-4	444 429	100

Type	Cat.No.	Qty.
NPP/MVK 2,5T	444 422T	100

Type	Cat.No.	Qty.
NPP/MVK 4T	444 422T	100

Cross Connection

Type	Cat.No.	Qty.
UK 2,5/2	476 222	25
UK 2,5/3	476 223	20
UK 2,5/4	476 224	15
UK 2,5/10	476 229	5

Type	Cat.No.	Qty.
UK 4/2	476 232	25
UK 4/3	476 233	20
UK 4/4	476 234	15
UK 4/10	476 239	5

Type	Cat.No.	Qty.

Type	Cat.No.	Qty.

Technical Data
Rated Impulse Voltage / Pollution severity
Insulation material group / Gauge pin code according to IEC 60947-1
Protection class / Protection conductor type
Marking Tags (Dekafix)
See pages 326-333 for a list of Dekafix

6/3
1/B3
IP 20 / -
DB 5

6/3
1/B4
IP 20 / -
DB 5

6/3
1/B3
IP 20 / PE
DB 5

6/3
1/B4
IP 20 / PE
DB 5

Package Quantity
100 pcs.

100 pcs.
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100 pcs.
----------

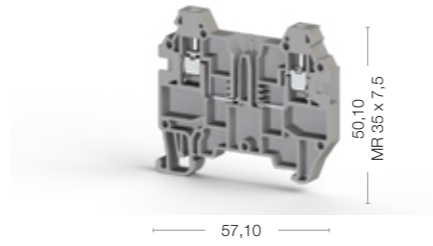
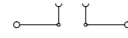
50 pcs.
---------

50 pcs.
---------

# Functional Terminals and Sockets

## AVK 2,5 F

Width: 6 mm

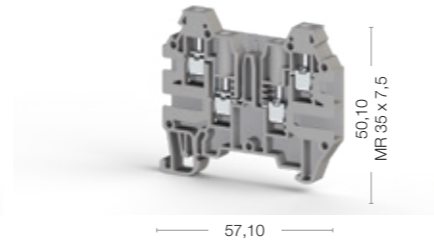
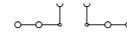


Cat No:

- 324 929
- 324 920

## AVK 2,5 CF

Width: 6 mm

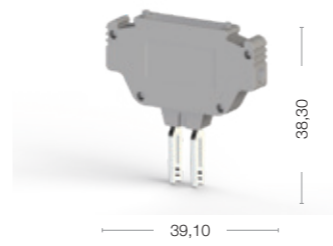


Cat No:

- 324 919
- 324 910

## AVK SKT

Width: 5,80 mm

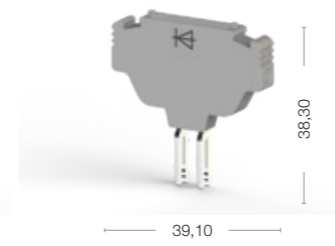


Cat No:

- 498 759
- 498 750

## AVK SKTD


Width: 5,80 mm



Cat No:

- 498 859
- 498 850



Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section		Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	400	16	2,5 mm <sup>2</sup>	400	16	4 mm <sup>2</sup>		400	16	2,5 mm <sup>2</sup>	400	0,5	2,5 mm <sup>2</sup>
UL - CuLus													
VDE (IEC 60947-7-1)													
CSA													
ATEX													
Connection Data													
Conductor cross section solid (min.-max.)	0,2-4 mm <sup>2</sup>			0,2-4 mm <sup>2</sup>				0,2-0,4 mm <sup>2</sup>			0,2-0,4 mm <sup>2</sup>		
Conductor cross section stranded (min.-max.)	0,2-4 mm <sup>2</sup>			0,2-4 mm <sup>2</sup>				0,2-0,4 mm <sup>2</sup>			0,2-0,4 mm <sup>2</sup>		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min.-max.)	0,5-1,5 mm <sup>2</sup>			0,5-1,5 mm <sup>2</sup>				0,5-1,5 mm <sup>2</sup>			0,5-1,5 mm <sup>2</sup>		
AWG Conductor	AWG 24-12			AWG 24-12				AWG 24-12			AWG 24-12		
Insulation Stripping Length (min.-max.)	9-10 mm			9-10 mm				6-7 mm			6-7 mm		
Torque (min.-max.)	0,4-0,6 Nm			0,4-0,6 Nm				0,4-0,6 Nm			0,4-0,6 Nm		
Screwdriver	IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)				IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)		
End Plate - Disconnect Plate	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.		Type	Cat.No.	Qty.	Type	Cat.No.	Qty.
	NPP AVK 2,5 F	444 139	25	NPP AVK 2,5 CF	444 139	25							
Technical Data For Diode											1000V		
Diode Voltage											1A		
Diode Current											1 N 4007		
Diod													
Technical Data													
Rated Impulse Voltage / Pollution severity	6/3			6/3				6/3			6/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3			1/A3				1/A3			1/A3		
Protection class / Protection conductor type	IP 20 / -			IP 20 / -				IP 20 / PE			IP 20 / PE		
Marking Tags (Dekafix)													
See pages 326-333 for a list of Dekafix	D_NS 5x10, DB 10/5, DG 10/5, DG 10/5T			D_NS 5x10, DB 10/5, DG 10/5, DG 10/5T				D_NS 5x6, DB 5, DG 6/5			D_NS 5x6, DB 5, DG 6/5		
Package Quantity	80 pcs.			80 pcs.				50 pcs.			50 pcs.		

NOTE: AVK SKTD product is just used with AVK 2,5 F and AVK 2,5 CF terminals.

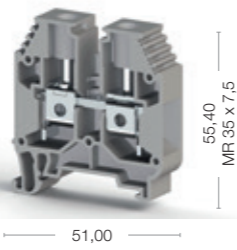
NOTE: AVK SKTD product is just used with AVK 2,5 F and AVK 2,5 CF terminals.

# AVK PV Series Terminals



## AVK 16 PV

Width: 12 mm

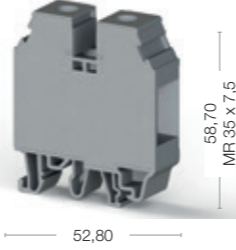


Cat No:

- 304 160 P
- 304 169 P
- 304 161 P

## AVK 35 RD PV

Width: 16 mm

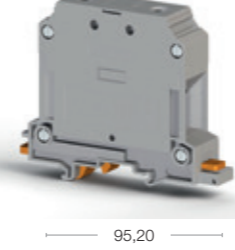


Cat No:

- 304 250 P
- 304 259 P
- 304 251 P

## AVK 50 PV

Width: 20 mm



Cat No:

- 304 330 P
- 304 339 P
- 304 331 P

## AVK 70 PV

Width: 22 mm

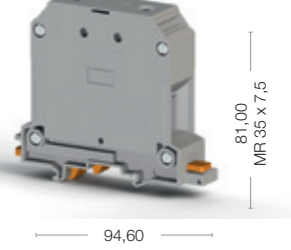


Cat No:

- 304 190 P
- 304 199 P
- 304 191 P

## AVK 70 RD PV

Width: 22 mm



Cat No:

- 304 490 P
- 304 499 P
- 304 491 P

Electrical Ratings
CE (EN 60947-7-1)
UL - CuLus
VDE (IEC 60947-7-1)
CSA
ATEX

Connection Data	
Conductor cross section solid (min.-max.)	2,5-25 mm <sup>2</sup>
Conductor cross section stranded (min.-max.)	4-25 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min.-max.)	1,5-10 mm <sup>2</sup>
AWG Conductor	AWG 14-4
Insulation Stripping Length (min.-max.)	12-14 mm
Torque (min.-max.)	1,2-2,0 Nm
Screwdriver	IKT 5 (1,0x5,5)

End Plate - Disconnect Plate			
	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	NPP / AVK 16	444 160	100
	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	APP / AVK 16	462 160	25

Cross Connection			
	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	UK 16/2	474 162	25
	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	UK 16/3	474 163	22
	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	UK 16/4	474 164	15
	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	UK 16/10	474 169	5

Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/B7
Protection class / Protection conductor type	IP 20 / -
<b>Marking Tags (Dekafix)</b>	
See pages 326-333 for a list of Dekafix	D-NS 12x10, DG 10/10

Package Quantity
50 pcs.

Voltage, V ~	Current, A	Cross-Section
750	76	16 mm <sup>2</sup>
1000	85	AWG 12-4

Conductor cross section solid (min.-max.)	Conductor cross section stranded (min.-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min.-max.)	AWG Conductor	Insulation Stripping Length (min.-max.)	Torque (min.-max.)	Screwdriver
1,5-50 mm <sup>2</sup>	1,5-50 mm <sup>2</sup>	1,5-16 mm <sup>2</sup>	AWG 16-2	16-18 mm	2,5-3,5 Nm	IKT 6 (1,2x6,5)

Type	Cat.No.	Qty.
APP / AVK 35 RD	462 180	10

Type	Cat.No.	Qty.
UK 35/2	474 172	25
UK 35/3	474 173	22
UK 35/4	474 174	15
UK 35/10	474 179	5

Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type
8/3	1/B9	IP 20 / -

Package Quantity
40 pcs.

Voltage, V ~	Current, A	Cross-Section
750	125	35 mm <sup>2</sup>
1000	115	AWG 12-2

Conductor cross section solid (min.-max.)	Conductor cross section stranded (min.-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min.-max.)	AWG Conductor	Insulation Stripping Length (min.-max.)	Torque (min.-max.)	Screwdriver
16-70 mm <sup>2</sup>	25-50 mm <sup>2</sup>	10-16 mm <sup>2</sup>	AWG 10-1/0	22-24 mm	6-10 Nm	S 5 (DIN 6911)

Type	Cat.No.	Qty.
UK 50/2	478 332	5
UK 50/3	478 333	5
UK 50/4	478 334	5

Type	Cat.No.	Qty.
UK 70/2	478 372	5
UK 70/3	478 373	5
UK 70/4	478 374	5

Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type
8/3	1/B10	IP 20 / -

Package Quantity
25 pcs.

Voltage, V ~	Current, A	Cross-Section
750	192	70 mm <sup>2</sup>
1000	175	AWG 6-2/0

Conductor cross section solid (min.-max.)	Conductor cross section stranded (min.-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min.-max.)	AWG Conductor	Insulation Stripping Length (min.-max.)	Torque (min.-max.)	Screwdriver
16-70 mm <sup>2</sup>	16-70 mm <sup>2</sup>	16-25 mm <sup>2</sup>	AWG 6-2/0	22-24 mm	6-12 Nm	S 6 (DIN 6911)

Type	Cat.No.	Qty.
UK 70/2	478 372	5
UK 70/3	478 373	5
UK 70/4	478 374	5

Type	Cat.No.	Qty.
UK 70/2	478 372	5
UK 70/3	478 373	5
UK 70/4	478 374	5

Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type
8/3	1/A11	IP 20 / -

Package Quantity
25 pcs.

Voltage, V ~	Current, A	Cross-Section
1000	192	70 mm <sup>2</sup>
1000	175	AWG 6-2/0

Conductor cross section solid (min.-max.)	Conductor cross section stranded (min.-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min.-max.)	AWG Conductor	Insulation Stripping Length (min.-max.)	Torque (min.-max.)	Screwdriver
16-70 mm <sup>2</sup>	16-70 mm <sup>2</sup>	16-25 mm <sup>2</sup>	AWG 6-2/0	22-24 mm	6-12 Nm	S 6 (DIN 6911)

Type	Cat.No.	Qty.
UK 70/2	478 372	5
UK 70/3	478 373	5
UK 70/4	478 374	5

Type	Cat.No.	Qty.
UK 70/2	478 372	5
UK 70/3	478 373	5
UK 70/4	478 374	5

Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type
8/3	1/A11	IP 20 / -

Package Quantity
10 pcs.

Voltage, V ~	Current, A	Cross-Section
1000	192	70 mm <sup>2</sup>
1000	175	AWG 6-2/0

Conductor cross section solid (min.-max.)	Conductor cross section stranded (min.-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min.-max.)	AWG Conductor	Insulation Stripping Length (min.-max.)	Torque (min.-max.)	Screwdriver
16-70 mm <sup>2</sup>	16-70 mm <sup>2</sup>	16-25 mm <sup>2</sup>	AWG 6-2/0	22-24 mm	6-12 Nm	S 6 (DIN 6911)

Type	Cat.No.	Qty.
UK 70/2	478 372	5
UK 70/3	478 373	5
UK 70/4	478 374	5

Type	Cat.No.	Qty.
UK 70/2	478 372	5
UK 70/3	478 373	5
UK 70/4	478 374	5

Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type
8/3	1/A11	IP 20 / -

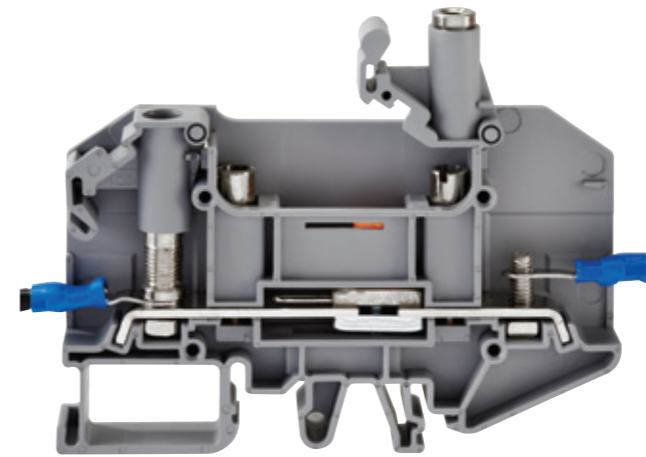
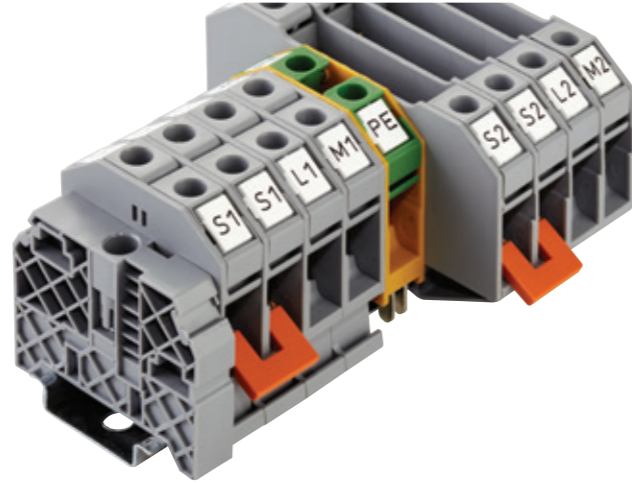
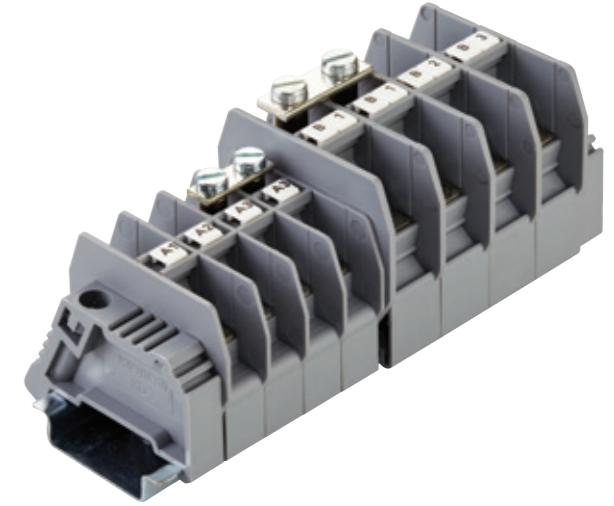
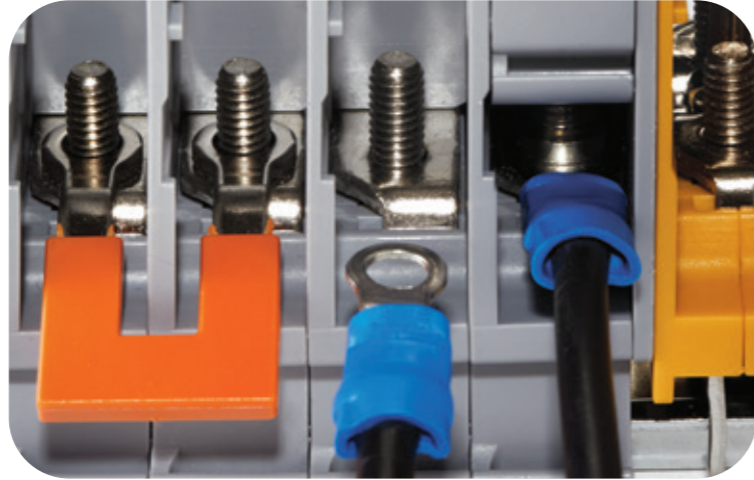
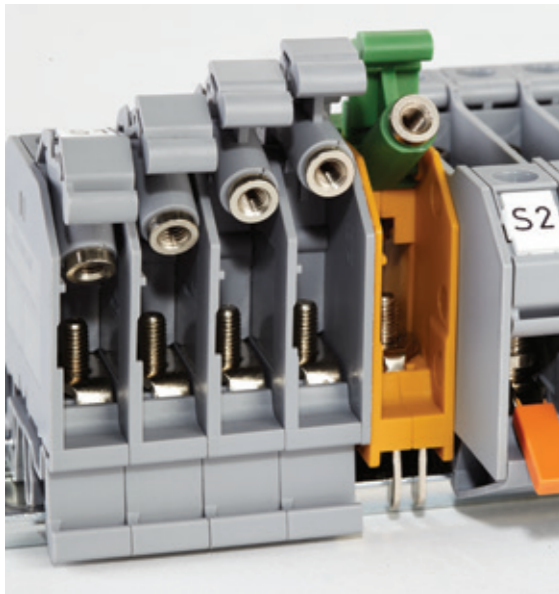
Package Quantity
10 pcs.

# PB, CPB Series Terminals

PB & CPB Series Ring and Fork Type Plug in Terminals are suitable for heavy industries and provide practical safe connection. For PB series, cable assembly is done with insulated ring type terminals. With this feature, they are preferred in iron and steel plants, mining industry and medium voltage modular units. PB & CPB Series provide cross section for 6 mm<sup>2</sup>. Comb connector and End plate are available. Special Marking solutions can be provided by Plotter labeling.



Cable assembly for CPB Series is done with insulated fork type terminals.  
CPB Series provide cross section for 6 mm<sup>2</sup>.  
Special Marking solutions can be provided by Plotter labeling.

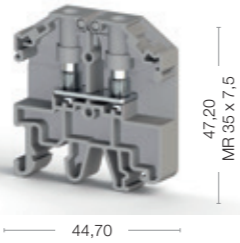


# PB - CPB Series Feed Through and Earth Terminals



## PB 2,5/NM

Width: 9 mm



47,20  
MR 35 x 7,5

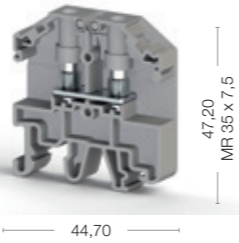
44,70

Cat No:

308 029

## PB 2,5K/NM

Width: 9 mm



47,20  
MR 35 x 7,5

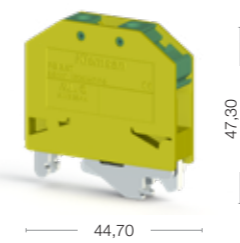
44,70

Cat No:

308 039

## PB 2,5T/NM

Width: 10 mm



47,30  
MR 35 x 7,5

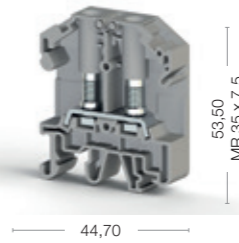
44,70

Cat No:

337 010

## PB 6/NM

Width: 11 mm



53,50  
MR 35 x 7,5

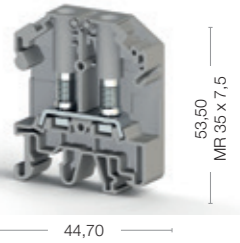
44,70

Cat No:

308 009

## PB 6K/NM

Width: 11 mm



53,50  
MR 35 x 7,5

44,70

Cat No:

308 019



Electrical Ratings
CE (EN 60947-7-1 / EN 60947-7-2)
UL
VDE (IEC 60947-7-1)
CSA
ATEX

Connection Data	
Conductor cross section solid (min-max.)	0,1-2,5 mm <sup>2</sup>
Conductor cross section stranded (min.-max.)	0,1-2,5 mm <sup>2</sup>
AWG Conductor	AWG 26-14
Torque (min-max.)	0,6-0,8 Nm
Hole Diameter	3,2 mm
Bolt Diameter	3,0 mm
Screwdriver	IKT 4 (0,8x4,0)
Rail Tightening torque, min-max.	

End Plate - Disconnect Plate			
	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	NPP/PB 2,5/NM	451 029	25
	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	APP/PB 2,5-6/NM	464 009	25

Cross Connection			
	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	TKO PB 2,5/2	479 012	25
	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	TKO PB 2,5/3	479 013	20
	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	TKO PB 2,5/4	479 014	15
	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	TKO PB 2,5/7	479 017	5
	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	TKO PB 2,5/10	479 019	5

Test Plug			
	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	TF (Ø2,3)	493 023	5
	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	TF (Ø4)	493 050	10

Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/NA
Protection class / Protection conductor type	IP 20 / -
<b>Marking Tags (Dekafix)</b>	
See pages 326-333 for a list of Dekafix	D_NS 6x10, DB 10/6, DG 10/6, DG 10/6T

Package Quantity
45 pcs.

Voltage, V ~	Current, A	Cross-Section
800	24	2,5 mm <sup>2</sup>
600	20/15	AWG 26-14
600	20/15	AWG 26-14

0,1-2,5 mm <sup>2</sup>	0,1-2,5 mm <sup>2</sup>
0,1-2,5 mm <sup>2</sup>	0,1-2,5 mm <sup>2</sup>
AWG 26-14	AWG 26-14
0,6-0,8 Nm	0,6-0,8 Nm
3,2 mm	3,2 mm
3,0 mm	3,0 mm
IKT 4 (0,8x4,0)	IKT 4 (0,8x4,0)

Type	Cat.No.	Qty.
NPP/PB 2,5/NM	451 029	25
APP/PB 2,5-6/NM	464 009	25

Type	Cat.No.	Qty.
TKO PB 2,5/2	479 012	25
TKO PB 2,5/3	479 013	20
TKO PB 2,5/4	479 014	15
TKO PB 2,5/7	479 017	5
TKO PB 2,5/10	479 019	5

Type	Cat.No.	Qty.
TF (Ø2,3)	493 023	5
TF (Ø4)	493 050	10

8/3	8/3
1/NA	1/NA
IP 20 / -	IP 20 / -
D_NS 6x10, DB 10/6, DG 10/6, DG 10/6T	D_NS 6x10, DB 10/6, DG 10/6, DG 10/6T

45 pcs.
---------

Voltage, V ~	Current, A	Cross-Section
800	24	2,5 mm <sup>2</sup>
600	20/15	AWG 26-14
600	20/15	AWG 26-14

0,1-2,5 mm <sup>2</sup>	0,1-2,5 mm <sup>2</sup>
0,1-2,5 mm <sup>2</sup>	0,1-2,5 mm <sup>2</sup>
AWG 26-14	AWG 26-14
0,6-0,8 Nm	0,6-0,8 Nm
3,2 mm	3,2 mm
3,0 mm	3,0 mm
IKT 4 (0,8x4,0)	IKT 4 (0,8x4,0)

Type	Cat.No.	Qty.
NPP/PB 2,5/NM	451 029	25
APP/PB 2,5-6/NM	464 009	25

Type	Cat.No.	Qty.
TKO PB 2,5/2	479 012	25
TKO PB 2,5/3	479 013	20
TKO PB 2,5/4	479 014	15
TKO PB 2,5/7	479 017	5
TKO PB 2,5/10	479 019	5

Type	Cat.No.	Qty.
TF (Ø2,3)	493 023	5
TF (Ø4)	493 050	10

8/3	8/3
1/NA	1/NA
IP 20 / -	IP 20 / -
D_NS 6x10, DB 10/6, DG 10/6, DG 10/6T	D_NS 6x10, DB 10/6, DG 10/6, DG 10/6T

45 pcs.
---------

Voltage, V ~	Current, A	Cross-Section
800	41	6 mm <sup>2</sup>
600	45	AWG 22-8
600	45	AWG 22-8

0,1-2,5 mm <sup>2</sup>	0,5-6mm <sup>2</sup>
0,1-2,5 mm <sup>2</sup>	0,5-6 mm <sup>2</sup>
AWG 26-14	AWG 22-8
0,6-0,8 Nm	0,8-1,2 Nm
3,2 mm	4,2 mm
3,0 mm	4,0 mm
IKT 5 (1,0x5,5)	IKT 5 (1,0x5,5)
0,4-0,6 Nm	

Type	Cat.No.	Qty.
NPP / PB 6/NM	451 019	25
APP / PB 2,5-6/NM	464 009	25

Type	Cat.No.	Qty.
TKO- PB 6/2	479 002	25
TKO- PB 6/3	479 003	20
TKO- PB 6/4	479 004	15
TKO- PB 6/7	479 007	5
TKO- PB 6/10	479 009	5

Type	Cat.No.	Qty.
TF (Ø4)	493 050	10

8/3	8/3
1/NA	1/NA
IP 20 / PE	IP 20 / -
D_NS 6x10, DB 10/6, DG 10/6, DG 10/6T	DN_S 8x10, DG 10/8

45 pcs.
---------

Voltage, V ~	Current, A	Cross-Section
800	41	6 mm <sup>2</sup>
600	45	AWG 22-8
600	45	AWG 22-8

0,1-2,5 mm <sup>2</sup>	0,5-6mm <sup>2</sup>
0,1-2,5 mm <sup>2</sup>	0,5-6 mm <sup>2</sup>
AWG 26-14	AWG 22-8
0,6-0,8 Nm	0,8-1,2 Nm
3,2 mm	4,2 mm
3,0 mm	4,0 mm
IKT 5 (1,0x5,5)	IKT 5 (1,0x5,5)
0,4-0,6 Nm	

Type	Cat.No.	Qty.
NPP / PB 6/NM	451 019	25
APP / PB 2,5-6/NM	464 009	25

Type	Cat.No.	Qty.
TKO- PB 6/2	479 002	25
TKO- PB 6/3	479 003	20
TKO- PB 6/4	479 004	15
TKO- PB 6/7	479 007	5
TKO- PB 6/10	479 009	5

Type	Cat.No.	Qty.
TF (Ø4)	493 050	10

8/3	8/3
1/NA	1/NA
IP 20 / PE	IP 20 / -
D_NS 6x10, DB 10/6, DG 10/6, DG 10/6T	DN_S 8x10, DG 10/8

45 pcs.
---------

Voltage, V ~	Current, A	Cross-Section
800	41	6 mm <sup>2</sup>
600	45	AWG 22-8
600	45	AWG 22-8

0,1-2,5 mm <sup>2</sup>	0,5-6mm <sup>2</sup>
0,1-2,5 mm <sup>2</sup>	0,5-6 mm <sup>2</sup>
AWG 26-14	AWG 22-8
0,6-0,8 Nm	0,8-1,2 Nm
3,2 mm	4,2 mm
3,0 mm	4,0 mm
IKT 5 (1,0x5,5)	IKT 5 (1,0x5,5)
0,4-0,6 Nm	

Type	Cat.No.	Qty.
NPP / PB 6/NM	451 019	25
APP / PB 2,5-6/NM	464 009	25

Type	Cat.No.	Qty.
TKO- PB 6/2	479 002	25
TKO- PB 6/3	479 003	20
TKO- PB 6/4	479 004	15
TKO- PB 6/7	479 007	5
TKO- PB 6/10	479 009	5

Type	Cat.No.	Qty.
TF (Ø4)	493 050	10

8/3	8/3
1/NA	1/NA
IP 20 / -	IP 20 / -
D_NS 8x10, DG 10/8	DN_S 8x10, DG 10/8

40 pcs.
---------

Voltage, V ~	Current, A	Cross-Section
800	41	6 mm <sup>2</sup>
600	45	AWG 22-8
600	45	AWG 22-8

0,1-2,5 mm <sup>2</sup>	0,5-6mm <sup>2</sup>
0,1-2,5 mm <sup>2</sup>	0,5-6 mm <sup>2</sup>
AWG 22-8	AWG 22-8
0,8-1,2 Nm	0,8-1,2 Nm
4,2 mm	4,2 mm
4,0 mm	4,0 mm
IKT 5 (1,0x5,5)	IKT 5 (1,0x5,5)

Type	Cat.No.	Qty.
NPP / PB 6/NM	451 019	25
APP / PB 2,5-6/NM	464 009	25

Type	Cat.No.	Qty.
TKO- PB 6/2	479 002	25
TKO- PB 6/3	479 003	20
TKO- PB 6/4	479 004	15
TKO- PB 6/7	479 007	5
TKO- PB 6/10	479 009	5

Type	Cat.No.	Qty.
TF (Ø4)	493 050	10

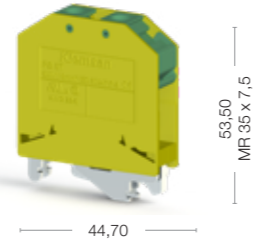
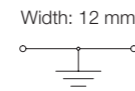
8/3	8/3
1/NA	1/NA
IP 20 / -	IP 20 / -
DN_S 8x10, DG 10/8	DN_S 8x10, DG 10/8

40 pcs.
---------

# PB - CPB Series Feed Through and Earth Terminals



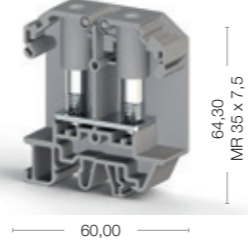
## PB 6 T/NM



Cat No:

337 000

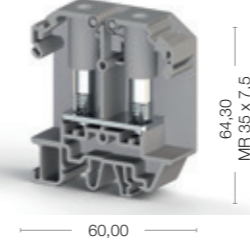
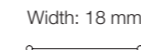
## PB 25/NM (M5)



Cat No:

308 049

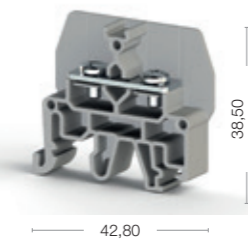
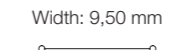
## PB 25/NM (M6)



Cat No:

308 059

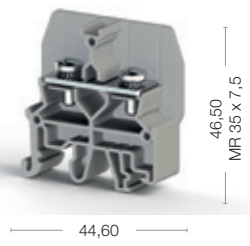
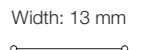
## CPB 6



Cat No:

326 809  
326 800

## CPB 6 B



Cat No:

326 819  
326 810

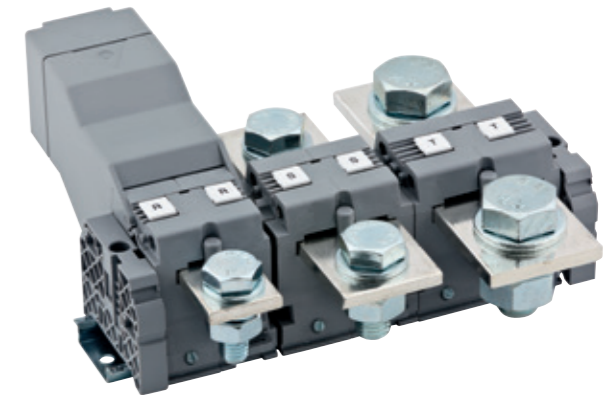
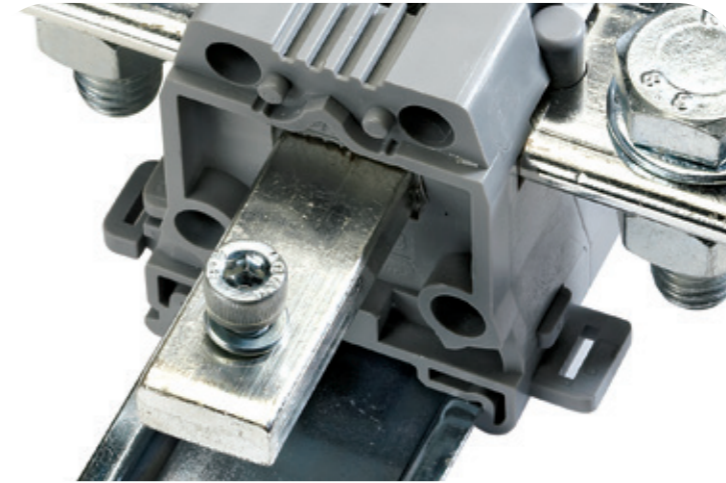
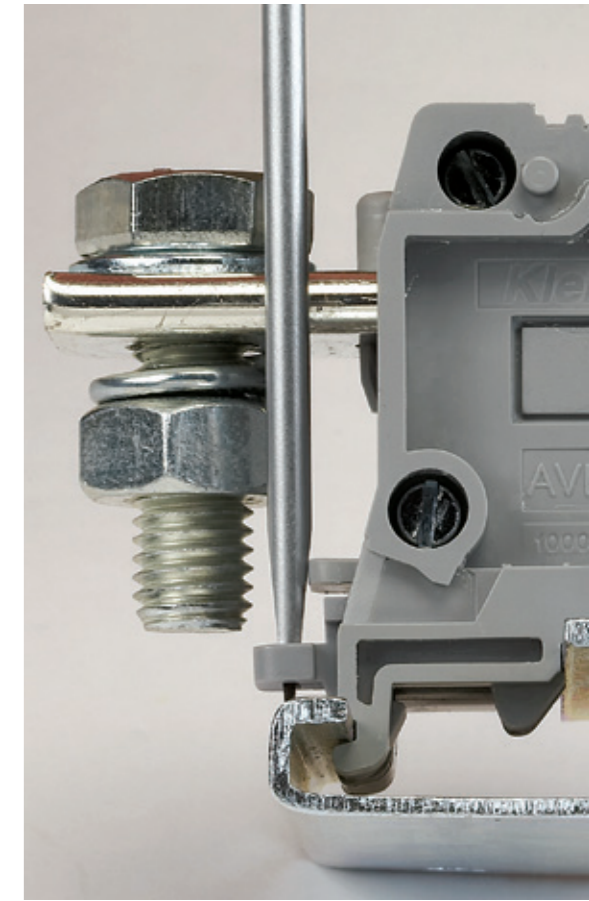
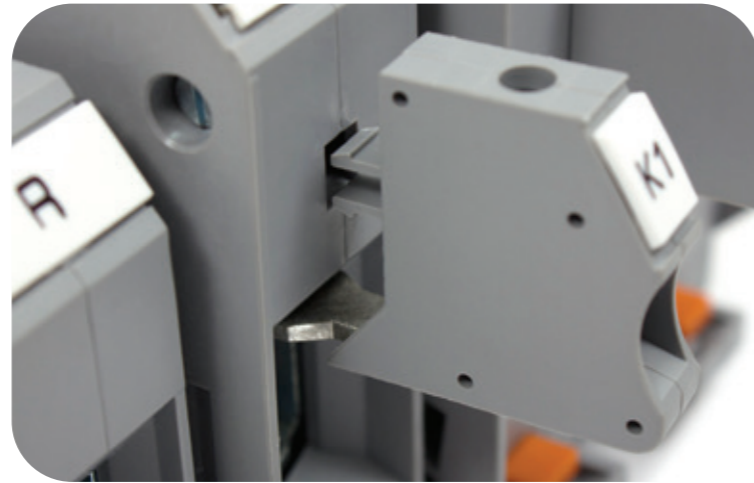


Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section			
CE (EN 60947-7-1 / EN 60947-7-2)			6 mm <sup>2</sup>	800	101	25 mm <sup>2</sup>	800	101	25 mm <sup>2</sup>	800	41	6 mm <sup>2</sup>	800	57	10 mm <sup>2</sup>			
UL			AWG 22-8	600	115/85	AWG 26-4	600	115/85	AWG 26-4									
VDE (IEC 60947-7-1)																		
CSA			AWG 22-8	600	115/85	AWG 26-4	600	115/85	AWG 26-4									
ATEX																		
Connection Data																		
Conductor cross section solid (min-max.)	0,5-6 mm <sup>2</sup>			1,5-25 mm <sup>2</sup>			1,5-25 mm <sup>2</sup>			0,5-6 mm <sup>2</sup>			0,5-10 mm <sup>2</sup>					
Conductor cross section stranded (min.-max.)	0,5-6 mm <sup>2</sup>			1,5-25 mm <sup>2</sup>			1,5-25 mm <sup>2</sup>			0,5-6 mm <sup>2</sup>			0,5-10 mm <sup>2</sup>					
AWG Conductor	AWG 22-8			AWG 26-4			AWG 16-4			AWG 20-10			AWG 20-8					
Torque (min-max.)	0,8-1,2 Nm			3-3,5 Nm			3,2-3,7 Nm			0,8-1,2 Nm			1,2-1,8 Nm					
Hole Diameter	4 mm			5,2 mm			6,2 mm			3,5 mm			4 mm					
Bolt Diameter	4,0 mm			5,0 mm			6,0 mm			3,5 mm			4 mm					
Screwdriver	IKT 5 (1,0x5,5)			IKT 5 (1,0x5,5)			IKT 5 (1,0x5,5)			IKT 4 (0,8x4,0)			IKT 4 (0,8x4,0)					
Rail Tightening torque, min-max.	0,6-08 Nm																	
End Plate - Disconnect Plate				Type	Cat.No.	Qty.				Type	Cat.No.	Qty.				Type	Cat.No.	Qty.
				NPP PB 25/NM	451 039	25				NPP PB 25/NM	451 039	25				NPP CPB 6	450 289	50
				APP PB 25/NM	464 019	25				APP PB 25/NM	464 019	25				NPP/CPB 6	450 299	50
Comb Connection													Type	Cat.No.	Qty.	Type	Cat.No.	Qty.
													UK 9,5/2	480 192	25	UK 13/2	480 202	25
													UK 9,5/3	480 193	20	UK 13/3	480 203	20
													UK 9,5/4	480 194	15	UK 13/4	480 204	15
													UK 9,5/7	480 197	10	UK 13/7	480 207	10
													UK 9,5/10	480 199	5	UK 13/10	480 209	5
Cross Connector				Type	Cat.No.	Qty.				Type	Cat.No.	Qty.				Type	Cat.No.	Qty.
				TKO PB 25/2	479 022	25				TKO PB 25/2	479 022	25						
Technical Data																		
Rated Impulse Voltage / Pollution severity	8/3			8/3			8/3			8/3			8/3			8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/NA			1/NA			1/NA			1/NA			1/NA			1/NA		
Protection class / Protection conductor type	IP 20 / PE			IP 20 / PE			IP 20 / PE			IP 20 / PE			IP 20			IP 20		
Marking Tags (Dekafix)																		
See pages 326-333 for a list of Dekafix	D_NS 8x10, DG 10/8			D_NS 10x10, DG 10/10			D_NS 10x10, DG 10/10			D_NS 10x10, DG 10/10			D_NS 5x6, DB 5, DG 6/5			D_NS 5x6, DB 5, DG 6/5		
Package Quantity	40 pcs.			10 pcs.			10 pcs.			10 pcs.			50 pcs.			25 pcs.		



# High Current / PB Series / Bolt Connection Terminals

AVK Series Screw Connection High Current Terminals provide 50 ..... 240 mm<sup>2</sup> cross-section range. Cross Connection can be used for terminals with all cross-sections. These terminal blocks are fixed to each other via pins on sides, providing a rigid performance on DIN Rail and easy montage advantages in constricted environments where connection with Insulated Terminals are difficult. EK-6 terminals are used for taking additional cable (for signals etc.) from high current (big cross sectioned) terminal blocks. Marking solutions can be provided by Plotter Labeling.



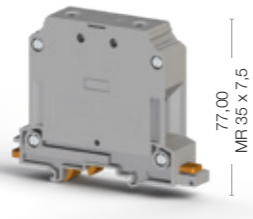
For the panels where connection on din rails are not possible, AVK PB Series Screw Connection High Current Terminal is a good alternative where it can be mounted directly into the base of the cabinet with screws. These terminals have all the same features as High Current Terminals mounted on DIN-Rail. Special Marking solutions for each cross section can be provided by Plotter Labeling.

AVK Busbar Type High Current Terminals provides 95 ..... 240 mm<sup>2</sup> cross-section range, when cable connection is done by insulated terminals connected to the Types of the conductor. Isolation cover is designed for insulated terminals having different dimensions. Cross Connection can be used for terminals with all cross-sections. A fixing screw is available in order to maintain a more secure mounting on the DIN rail. Marking solutions can be provided by Plotter Labeling.

# High Current Terminals

## AVK 50

Width: 20 mm



77,00  
MPR 35 x 7,5

95,20

Cat No:

- 304 330
- 304 339

Hexagon Socket Screw

## AVK 70 RD

Width: 22 mm



81,00  
MPR 35 x 7,5

94,60

Cat No:

- 304 490
- 304 499

Hexagon Socket Screw

## AVK 95

Width: 25 mm



90,00  
MPR 35 x 7,5

95,20

Cat No:

- 304 340
- 304 349

Hexagon Socket Screw

## AVK 150

Width: 31 mm



107,50  
MPR 35 x 7,5

95,50

Cat No:

- 304 350
- 304 359

Hexagon Socket Screw

## AVK 240

Width: 36 mm



116,00  
MPR 35 x 7,5

95,50

Cat No:


- 304 360
- 304 369

Hexagon Socket Screw



Electrical Ratings
CE (EN 60947-7-1)
UL
VDE (IEC 60947-7-1)
CSA
ATEX

Connection Data
Conductor cross section solid (min.-max.)
Conductor cross section stranded (min.-max.)
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min.-max.)
AWG Conductor
Insulation Stripping Length (min.-max.)
Torque (min.-max.)
Screwdriver

Cross Connection


AVK / EK6


Technical Data
Rated Impulse Voltage / Pollution severity
Insulation material group / Gauge pin code according to IEC 60947-1
Protection class / Protection conductor type
Marking Tags (Dekafix)
See pages 326-333 for a list of Dekafix

Package Quantity
25 pcs.

Voltage, V ~	Current, A	Cross-Section
1000	150	50 mm <sup>2</sup>
600	150	AWG 6-1/0
800	150	

Type	Cat.No.	Qty.
UK 50/2	478 332	5
UK 50/3	478 333	5
UK 50/4	478 334	5

Type	Cat.No.	Qty.
AVK / EK6	304 370	20

Type	Cat.No.	Qty.
AVK / EK6	304 370	20

Voltage, V ~	Current, A	Cross-Section
1000	192	70 mm <sup>2</sup>
600	175	AWG 6-2/0

Type	Cat.No.	Qty.
UK 70/2	478 372	5
UK 70/3	478 373	5
UK 70/4	478 374	5

Voltage, V ~	Current, A	Cross-Section
1000	232	95 mm <sup>2</sup>
600	230	AWG 2-4/0
1000	217	

Type	Cat.No.	Qty.
UK 95/2	478 342	5
UK 95/3	478 343	5
UK 95/4	478 344	5

Type	Cat.No.	Qty.
AVK / EK6	304 370	20

Type	Cat.No.	Qty.
AVK / EK6	304 370	20

Voltage, V ~	Current, A	Cross-Section
1000	309	150 mm <sup>2</sup>
600	270	2-300 kcmil
1000	281	

Type	Cat.No.	Qty.
UK 150/2	478 352	5
UK 150/3	478 353	5
UK 150/4	478 354	5

Voltage, V ~	Current, A	Cross-Section
1000	415	240 mm <sup>2</sup>
600	370	2/0-500 kcmil
1000	380	

Type	Cat.No.	Qty.
UK 240/2	478 362	5
UK 240/3	478 363	5
UK 240/4	478 364	5

Type	Cat.No.	Qty.
AVK / EK6	304 370	20

Type	Cat.No.	Qty.
AVK / EK6	304 370	20

Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type
8/3	1/B10	IP 10 / -
8/3	1/A11	IP 10 / -

Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type
8/3	1/B12	IP 10 / -
8/3	1/B14	IP 10 / -

Voltage, V ~	Current, A	Cross-Section
1000	281	

Type	Cat.No.	Qty.
UK 95/2	478 342	5
UK 95/3	478 343	5
UK 95/4	478 344	5

Type	Cat.No.	Qty.
AVK / EK6	304 370	20

Type	Cat.No.	Qty.
AVK / EK6	304 370	20

Voltage, V ~	Current, A	Cross-Section
1000	309	150 mm <sup>2</sup>
600	270	2-300 kcmil
1000	281	

Type	Cat.No.	Qty.
UK 150/2	478 352	5
UK 150/3	478 353	5
UK 150/4	478 354	5

Voltage, V ~	Current, A	Cross-Section
1000	415	240 mm <sup>2</sup>
600	370	2/0-500 kcmil
1000	380	

Type	Cat.No.	Qty.
UK 240/2	478 362	5
UK 240/3	478 363	5
UK 240/4	478 364	5

Type	Cat.No.	Qty.
AVK / EK6	304 370	20

Type	Cat.No.	Qty.
AVK / EK6	304 370	20

Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type
8/3	1/B10	IP 10 / -
8/3	1/A11	IP 10 / -

Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type
8/3	1/B12	IP 10 / -
8/3	1/B14	IP 10 / -

Voltage, V ~	Current, A	Cross-Section
1000	415	240 mm <sup>2</sup>
600	370	2/0-500 kcmil
1000	380	

Type	Cat.No.	Qty.
UK 240/2	478 362	5
UK 240/3	478 363	5
UK 240/4	478 364	5

Type	Cat.No.	Qty.
AVK / EK6	304 370	20

Type	Cat.No.	Qty.
AVK / EK6	304 370	20

Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type
8/3	1/B10	IP 10 / -
8/3	1/A11	IP 10 / -

Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type
8/3	1/B12	IP 10 / -
8/3	1/B14	IP 10 / -

# PB Series Terminals Panel Mount Terminals

## AVK PB 50

Width: 20 mm



78,50

135,40

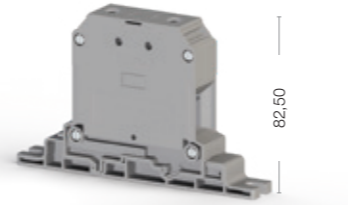
Cat No:

- 304 440
- 304 449

Hexagon Socket Screw

## AVK PB 70 RD

Width: 22 mm



82,50

135,40

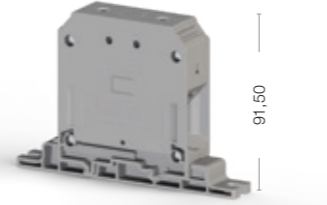
Cat No:

- 304 450
- 304 459

Hexagon Socket Screw

## AVK PB 95

Width: 25 mm



91,50

135,40

Cat No:

- 304 460
- 304 469

Hexagon Socket Screw

## AVK PB 150

Width: 31 mm



109,00

135,40

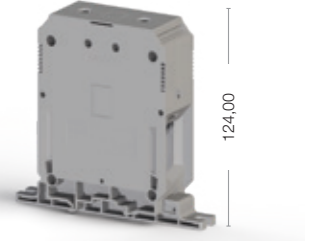
Cat No:

- 304 470
- 304 479

Hexagon Socket Screw

## AVK PB 240

Width: 36 mm



124,00

135,40

Cat No:

- 304 480
- 304 489

Hexagon Socket Screw



Electrical Ratings
CE (EN 60947-7-1)
UL
VDE (IEC 60947-7-1)
CSA
ATEX

Connection Data	
Conductor cross section solid (min.-max.)	16-70 mm <sup>2</sup>
Conductor cross section stranded (min.-max.)	25-50 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min.-max.)	10-16 mm <sup>2</sup>
AWG Conductor	AWG 10-1/0
Insulation Stripping Length (min.-max.)	22-24 mm
Torque (min.-max.)	6-10 Nm
Screwdriver	S5 (DIN 6911)

Cross Connection	Type	Cat.No.	Qty.
	UK 50/2	478 332	5
	UK 50/3	478 333	5
	UK 50/4	478 334	5

AVK / EK6	Type	Cat.No.	Qty.
	AVK / EK6	304 370	20

Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/B10
Protection class / Protection conductor type	IP 10 / -
Marking Tags (Dekafix)	KOIP SW, SLF-P1 W
See pages 326-333 for a list of Dekafix	

Package Quantity
6 pcs.

Voltage, V ~	Current, A	Cross-Section
1000	150	50 mm <sup>2</sup>

Type	Cat.No.	Qty.
UK 70/2	478 372	5
UK 70/3	478 373	5
UK 70/4	478 374	5

Voltage, V ~	Current, A	Cross-Section
1000	192	70 mm <sup>2</sup>

Type	Cat.No.	Qty.
AVK / EK6	304 370	20

Voltage, V ~	Current, A	Cross-Section
1000	232	95 mm <sup>2</sup>

Package Quantity
6 pcs.

Voltage, V ~	Current, A	Cross-Section
1000	309	150 mm <sup>2</sup>

Type	Cat.No.	Qty.
UK 150/2	478 352	5
UK 150/3	478 353	5
UK 150/4	478 354	5

Voltage, V ~	Current, A	Cross-Section
1000	415	240 mm <sup>2</sup>

Type	Cat.No.	Qty.
AVK / EK6	304 370	20

Voltage, V ~	Current, A	Cross-Section
1000	309	150 mm <sup>2</sup>

Package Quantity
4 pcs.

Voltage, V ~	Current, A	Cross-Section
1000	415	240 mm <sup>2</sup>

Type	Cat.No.	Qty.
UK 240/2	478 362	5
UK 240/3	478 363	5
UK 240/4	478 364	5

Voltage, V ~	Current, A	Cross-Section
1000	415	240 mm <sup>2</sup>

Type	Cat.No.	Qty.
AVK / EK6	304 370	20

Voltage, V ~	Current, A	Cross-Section
1000	415	240 mm <sup>2</sup>

Package Quantity
6 pcs.

Voltage, V ~	Current, A	Cross-Section
1000	232	95 mm <sup>2</sup>

Type	Cat.No.	Qty.
UK 95/2	478 342	5
UK 95/3	478 343	5
UK 95/4	478 344	5

Voltage, V ~	Current, A	Cross-Section
1000	232	95 mm <sup>2</sup>

Type	Cat.No.	Qty.
AVK / EK6	304 370	20

Voltage, V ~	Current, A	Cross-Section
1000	232	95 mm <sup>2</sup>

Package Quantity
6 pcs.

Voltage, V ~	Current, A	Cross-Section
1000	309	150 mm <sup>2</sup>

Type	Cat.No.	Qty.
UK 150/2	478 352	5
UK 150/3	478 353	5
UK 150/4	478 354	5

Voltage, V ~	Current, A	Cross-Section
1000	309	150 mm <sup>2</sup>

Type	Cat.No.	Qty.
AVK / EK6	304 370	20

Voltage, V ~	Current, A	Cross-Section
1000	309	150 mm <sup>2</sup>

Package Quantity
4 pcs.

Voltage, V ~	Current, A	Cross-Section
1000	415	240 mm <sup>2</sup>

Type	Cat.No.	Qty.
UK 240/2	478 362	5
UK 240/3	478 363	5
UK 240/4	478 364	5

Voltage, V ~	Current, A	Cross-Section
1000	415	240 mm <sup>2</sup>

Type	Cat.No.	Qty.
AVK / EK6	304 370	20

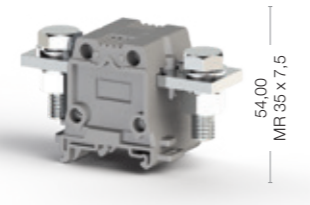
Voltage, V ~	Current, A	Cross-Section
1000	415	240 mm <sup>2</sup>

Package Quantity
6 pcs.

# Bolt Connection Terminals

## AVK 95 B

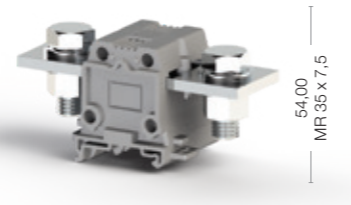
Width: 40 mm



90,00

## AVK 150 B

Width: 48 mm



108,00

## AVK 240 B

Width: 53 mm



122,00

Cat No:

- 304 300
- 304 309

Cat No:

- 304 310
- 304 319


Cat No:

- 304 320
- 304 329



Electrical Ratings
CE (EN 60947-7-1)
UL
VDE (IEC 60947-7-1)
CSA
ATEX

Connection Data	
Conductor cross section solid (min.-max.)	25-95 mm <sup>2</sup>
Conductor cross section stranded (min.-max.)	35-95 mm <sup>2</sup>
AWG Conductor	AWG 4-3/0
Insulation Stripping Length	29 mm
Torque (min.-max.)	25-30 Nm
Hole Diameter	10,5 mm
Bolt Diameter	10 mm
Screwdriver	17 (DIN 3110)

Cross Connection			
	Type	Cat.No.	Qty.
	UKB 95/2	478 302	5
	UKB 95/3	478 303	5
	UKB 95/4	478 304	5

Isolation Cover			
	Type	Cat.No.	Qty.
	KKB 95	466 100	4

Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/NA
Protection class / Protection conductor type	IP 10 / -
<b>Marking Tags (Dekafix)</b>	
See pages 326-333 for a list of Dekafix	D_NS 10x10, DG 10/10

Package Quantity
4 pcs.

Voltage, V ~	Current, A	Cross-Section
1000	232	95 mm <sup>2</sup>


Type	Cat.No.	Qty.
UKB 150/2	478 312	5
UKB 150/3	478 313	5
UKB 150/4	478 314	5

Type	Cat.No.	Qty.
KKB 150	466 110	4


4 pcs.
--------

Voltage, V ~	Current, A	Cross-Section
1000	309	150 mm <sup>2</sup>


Type	Cat.No.	Qty.
UKB 240/2	478 322	5
UKB 240/3	478 323	5
UKB 240/4	478 324	5

Type	Cat.No.	Qty.
KKB 240	466 120	4


4 pcs.
--------



Type	Cat.No.	Qty.
UKB 240/2	478 322	5
UKB 240/3	478 323	5
UKB 240/4	478 324	5

Type	Cat.No.	Qty.
KKB 240	466 120	4


4 pcs.
--------

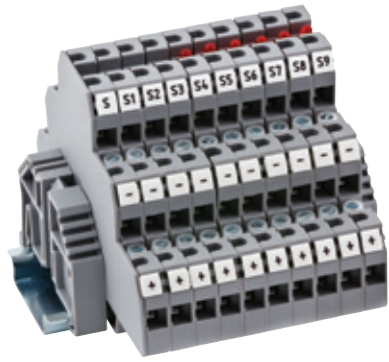
Voltage, V ~	Current, A	Cross-Section
1000	415	240 mm <sup>2</sup>


Type	Cat.No.	Qty.
UKB 240/2	478 322	5
UKB 240/3	478 323	5
UKB 240/4	478 324	5

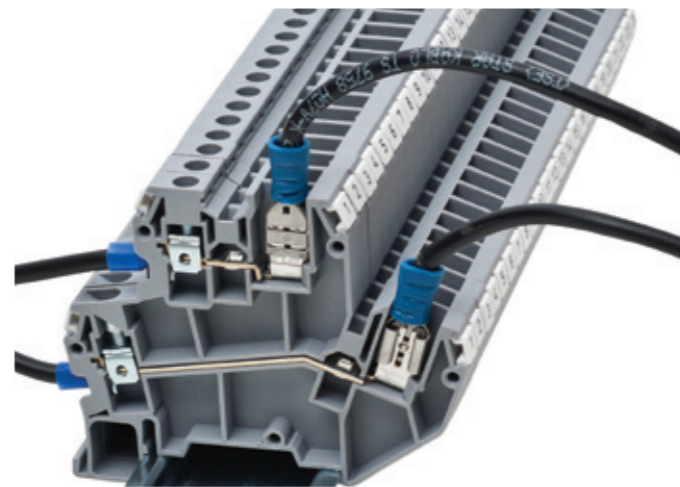
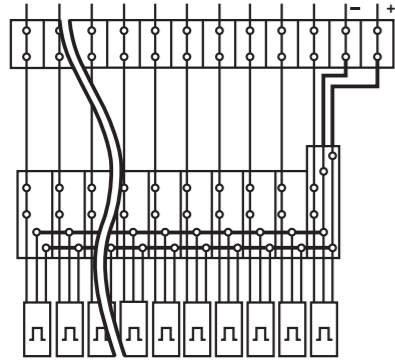
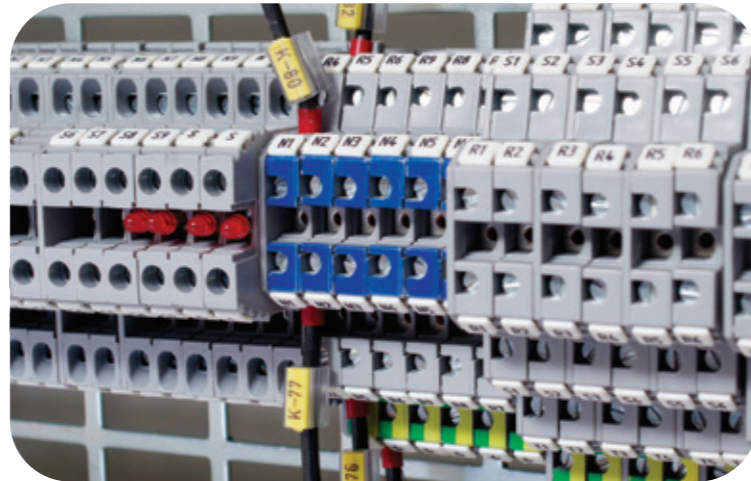
Type	Cat.No.	Qty.
KKB 240	466 120	4


4 pcs.
--------

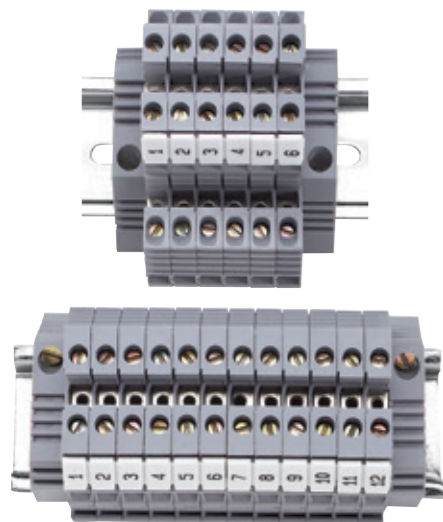
# Screw Type Multilevel / Sensor Terminals



PUK Series Screw Connection Sensor Terminals are making sensor connections, which are often used in industry, more practical and esthetic. Provide individual cross connections for each layer, time saving in mounting process. Terminals can be used with NPN and PNP types of sensors. Special Marking solutions for each cross section can be provided by Plotter Labeling.

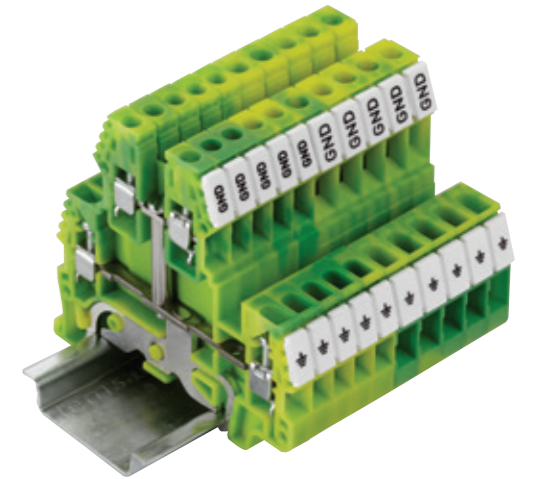
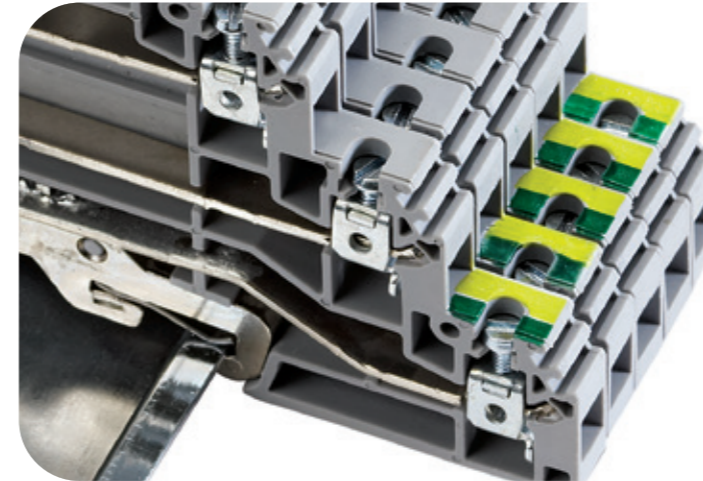
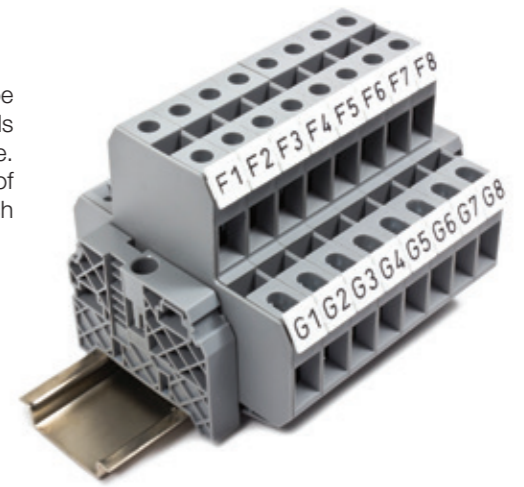


PIK Series Screw Connection Double-Deck Rail Terminals provide 2,5 - 4 - 10 mm<sup>2</sup> cross-section range. Double wiring density available without extension of mounting rails. Interconnection / shorting can be done at both layers. Special Marking solutions for each cross section can be provided by Plotter Labeling. The color of products can be selected from the color table.

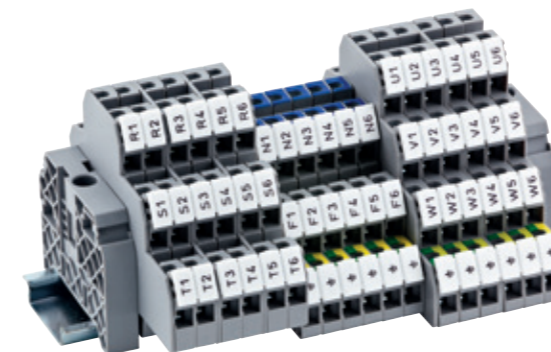


50% space saving

Fine strand wire up to 16 mm<sup>2</sup> cross-section can be used in panels with limited space. PIK series terminals allow you to make more connections in less space. Usage with Cross Connections gains features of distribution block. Special Marking solutions for each cross section can be provided by Plotter Labeling.



Double Deck Earth Terminals can be used in panels with limited space. Multipole connection on a single block and cross connection on both levels provide practical Earth connection. Special Marking solutions for each cross section can be provided by Plotter Labeling.



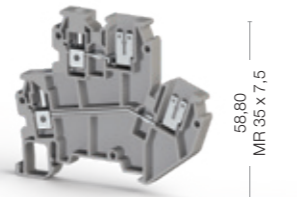
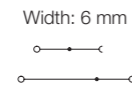
PUK Series Screw Connection Multilevel terminals provides solutions for different users' needs. They are ideal for limited spaces with their compact designs. In panels which exist switch lines & lightning, provide phase-neutral-Earth connection in one terminal. PUK Series are ideal for usage in industries where motors are working a lot, with practical wiring. Cross connection can be used on each level. Special Marking solutions for each cross section can be provided by Plotter Labeling.





# Screw Type Double - Deck Terminals

## PIK 4 FS

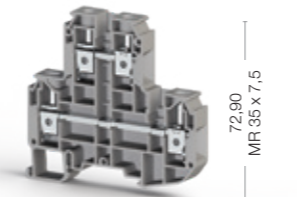
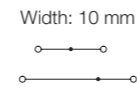


70,60

Cat No:

319 809  
319 800

## PIK 10 N



78,65

Cat No:

319 909  
319 900



Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	400	20	4 mm <sup>2</sup>	800	57	10 mm <sup>2</sup>
UL						
VDE (IEC 60947-7-1)						
CSA						
ATEX	400	17				

Connection Data						
Conductor cross section solid (min.-max.)		0,2-4 mm <sup>2</sup>			1,5-16 mm <sup>2</sup>	
Conductor cross section stranded (min.-max.)		0,2-4 mm <sup>2</sup>			1,5-16 mm <sup>2</sup>	
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min.-max.)		0,5-1,5 mm <sup>2</sup>			6 mm <sup>2</sup>	
AWG Conductor		AWG 24-10			AWG 16-6	
Insulation Stripping Length (min.-max.)		9-10 mm			10-12 mm	
Torque (min.-max.)		0,5-0,8 Nm			1,2-1,8 Nm	
Screwdriver		IKT 3 (0,6x3,5)			IKT 4 (0,8x4,0)	

End Plate - Disconnect Plate	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	
	NPP/PIK 4 FS	449 029	20		NPP/PIK 10 N	449 039	25

Cross Connection	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	
	UK 4/2	476 232	25		UK 10/2	474 152	25
	UK 4/3	476 233	20		UK 10/3	474 153	20
	UK 4/4	476 234	15		UK 10/4	474 154	15
	UK 4/10	476 239	5		UK 10/10	474 159	5

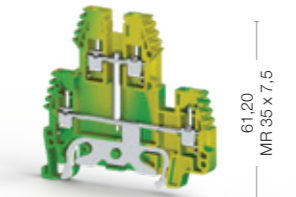
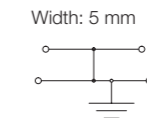
Technical Data		
Rated Impulse Voltage / Pollution severity	4/3	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A4	1/B6
Protection class / Protection conductor type	IP 20 / -	IP 20 / -
<b>Marking Tags (Dekafix)</b>		
See pages 326-333 for a list of Dekafix	DB 5	DB 5

Package Quantity		
	85 pcs.	20 pcs.

# Double Deck Earth Terminals

## PIK 2,5 NT

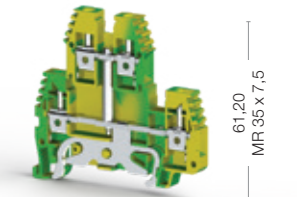
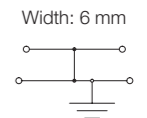


64,00

Cat No:

336 560

## PIK 4 NT



64,00

Cat No:

336 570



Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-2)			2,5 mm <sup>2</sup>			4 mm <sup>2</sup>
UL						
VDE (IEC 60947-7-1)						
CSA						
ATEX						

Connection Data						
Conductor cross section solid (min.-max.)		0,2-4 mm <sup>2</sup>			0,2-6 mm <sup>2</sup>	
Conductor cross section stranded (min.-max.)		0,2-4 mm <sup>2</sup>			0,2-6 mm <sup>2</sup>	
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min.-max.)		0,5-1,5 mm <sup>2</sup>			0,5-2,5 mm <sup>2</sup>	
AWG Conductor		AWG 24-12			AWG 24-10	
Insulation Stripping Length (min.-max.)		9-10 mm			9-10 mm	
Torque		0,4-0,6 Nm			0,5-0,8 Nm	
Screwdriver		IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)	

End Plate - Disconnect Plate	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	
	NPP/PIK 2,5 - 4 NT	449 012T	25		NPP/PIK 2,5 - 4 NT	449 012T	25

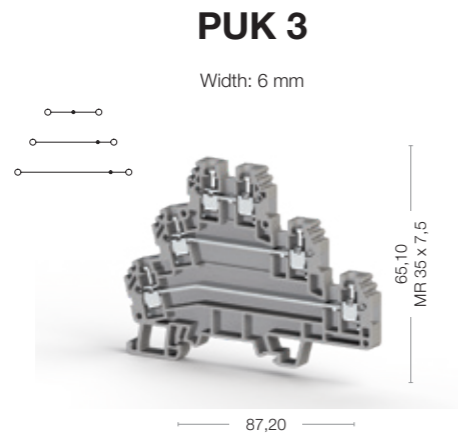
Technical Data		
Rated Impulse Voltage / Pollution severity	8/3	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3	1/A4
Protection class / Protection conductor type	IP 20 / PE	IP 20 / PE
<b>Marking Tags (Dekafix)</b>		
See pages 326-333 for a list of Dekafix	D_NS 5x10, DB 10/5, DG 10/5, DG 10/5T	D_NS 6x10, DB 10/6, DG 10/6, DG 10/6T

Package Quantity		
	100 pcs.	100 pcs.

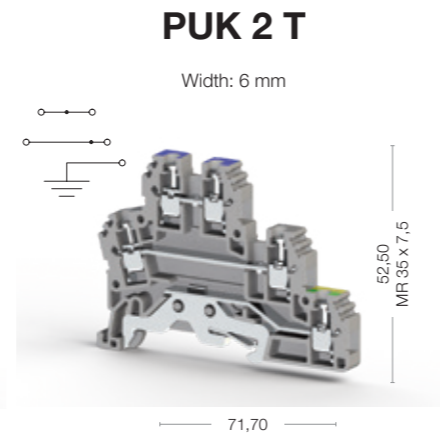


# Screw Type Multilevel Terminals



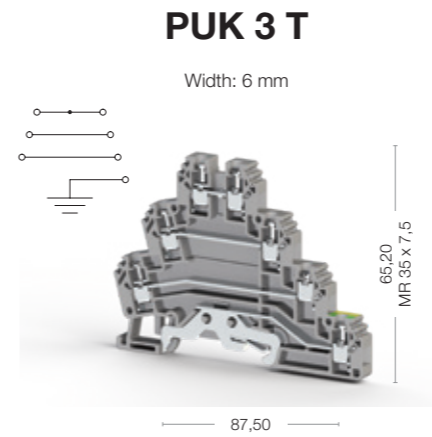
Cat No:

- 324 109
- 324 100



Cat No:

- 324 209
- 324 200



Cat No:

- 324 309
- 324 300



Electrical Ratings
CE (EN 60947-7-1 - EN 60947-7-2)
UL
VDE (IEC 60947-7-1)
CSA
ATEX

Voltage, V ~	Current, A	Cross-Section
440	24	2,5 mm <sup>2</sup>
300	24	AWG 24-12
400	24	

Voltage, V ~	Current, A	Cross-Section
440	24	2,5 mm <sup>2</sup>
300	24	AWG 24-12
400	24	

Voltage, V ~	Current, A	Cross-Section
440	24	2,5 mm <sup>2</sup>
300	24	AWG 24-12
400	24	

Voltage, V ~	Current, A	Cross-Section
440	24	2,5 mm <sup>2</sup>
300	24	AWG 24-12
400	24	

Connection Data	
Conductor cross section solid (min.-max.)	0,2-4 mm <sup>2</sup>
Conductor cross section stranded (min.-max.)	0,2-4 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min.-max.)	0,5-1,5 mm <sup>2</sup>
AWG Conductor	AWG 24-12
Insulation Stripping Length (min.-max.)	7-8 mm
Torque (min.-max.)	0,4-0,6 Nm
Screwdriver	IKT 3 (0,6x3,5)

Type	Cat.No.	Qty.
NPP/PUK 3	450 139	10

Type	Cat.No.	Qty.
NPP/PUK 2 T	450 149	10

Type	Cat.No.	Qty.
NPP/PUK 3 T	450 159	10

Type	Cat.No.	Qty.
NPP/PUK 3 T	450 159	10



Type	Cat.No.	Qty.
UK 2,5/2	480 132	25
UK 2,5/3	480 133	20
UK 2,5/4	480 134	15
UK 2,5/10	480 139	5
UK 2,5/35	480 140	5

Type	Cat.No.	Qty.
UK 2,5/2	480 132	25
UK 2,5/3	480 133	20
UK 2,5/4	480 134	15
UK 2,5/10	480 139	5
UK 2,5/35	480 140	5

Type	Cat.No.	Qty.
UK 2,5/2	480 132	25
UK 2,5/3	480 133	20
UK 2,5/4	480 134	15
UK 2,5/10	480 139	5
UK 2,5/35	480 140	5

Type	Cat.No.	Qty.
UK 2,5/2	480 132	25
UK 2,5/3	480 133	20
UK 2,5/4	480 134	15
UK 2,5/10	480 139	5



Type	Cat.No.	Qty.
UK 2,5/2	480 132	25
UK 2,5/3	480 133	20
UK 2,5/4	480 134	15
UK 2,5/10	480 139	5
UK 2,5/35	480 140	5

Type	Cat.No.	Qty.
UK 2,5/2	480 132	25
UK 2,5/3	480 133	20
UK 2,5/4	480 134	15
UK 2,5/10	480 139	5
UK 2,5/35	480 140	5

Type	Cat.No.	Qty.
UK 2,5/2	480 132	25
UK 2,5/3	480 133	20
UK 2,5/4	480 134	15
UK 2,5/10	480 139	5
UK 2,5/35	480 140	5

Type	Cat.No.	Qty.
UK 2,5/2	480 132	25
UK 2,5/3	480 133	20
UK 2,5/4	480 134	15
UK 2,5/10	480 139	5

Note: Only upper decks can be cross-connected

Technical Data	
Rated Impulse Voltage / Pollution severity	6/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3
Protection class / Protection conductor type	IP 20 / -
Marking Tags (Dekafix)	DB 5

Technical Data	
Rated Impulse Voltage / Pollution severity	6/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3
Protection class / Protection conductor type	IP 20 / PE
Marking Tags (Dekafix)	DB 5

Technical Data	
Rated Impulse Voltage / Pollution severity	6/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3
Protection class / Protection conductor type	IP 20 / PE
Marking Tags (Dekafix)	DB 5

Technical Data	
Rated Impulse Voltage / Pollution severity	6/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3
Protection class / Protection conductor type	IP 20 / PE
Marking Tags (Dekafix)	DB 5

Technical Data	
Rated Impulse Voltage / Pollution severity	6/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3
Protection class / Protection conductor type	IP 20 / PE
Marking Tags (Dekafix)	DB 5

Package Quantity
20 pcs.

Package Quantity
20 pcs.

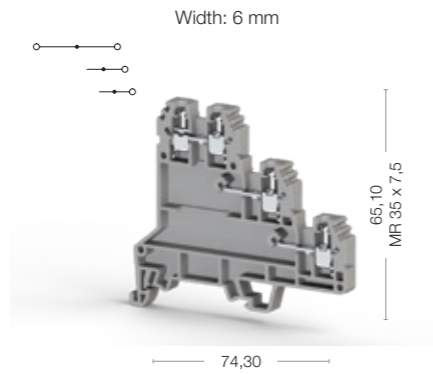
Package Quantity
20 pcs.

Package Quantity
20 pcs.

Package Quantity
20 pcs.

# Screw Type Sensor Terminals

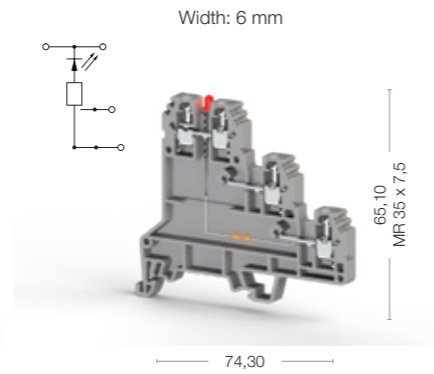
## PUK 3 S



Cat No:

- 324 409
- 324 400

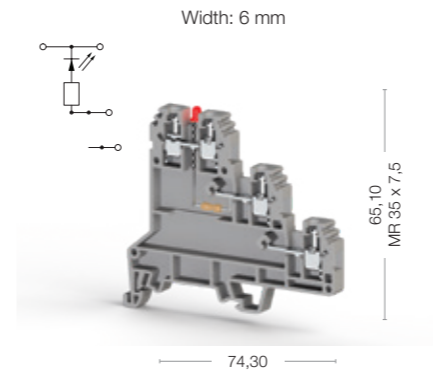
## PUK 3 SLD (NPN)



Cat No:

- 324 419
- 324 410

## PUK 3 SLD (PNP)



Cat No:

- 324 429
- 324 420



Electrical Ratings
CE (EN 60947-7-1)
UL
VDE (IEC 60947-7-1)
CSA
ATEX

Voltage, V ~	Current, A	Cross-Section
500	24	2,5 mm <sup>2</sup>
300	24	AWG 24-12

Voltage, V ~	Current, A	Cross-Section
24	24	2,5 mm <sup>2</sup>
300	24	AWG 24-12

Voltage, V ~	Current, A	Cross-Section

Voltage, V ~	Current, A	Cross-Section
24	24	2,5 mm <sup>2</sup>
300	24	AWG 24-12

Connection Data
Conductor cross section solid (min.-max.)
Conductor cross section stranded (min.-max.)
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min.-max.)
AWG Conductor
Insulation Stripping Length (min.-max.)
Torque (min.-max.)
Screwdriver

0,2-4 mm <sup>2</sup>
0,2-4 mm <sup>2</sup>
0,5-1,5 mm <sup>2</sup>
AWG 24-12
7-8 mm
0,4-0,6 Nm
IKT 3 (0,6x3,5)

0,2-4 mm <sup>2</sup>
0,2-4 mm <sup>2</sup>
0,5-1,5 mm <sup>2</sup>
AWG 24-12
7-8 mm
0,4-0,6 Nm
IKT 3 (0,6x3,5)


0,2-4 mm <sup>2</sup>
0,2-4 mm <sup>2</sup>
0,5-1,5 mm <sup>2</sup>
AWG 24-12
7-8 mm
0,4-0,6 Nm
IKT 3 (0,6x3,5)

End Plate


Type	Cat.No.	Qty.
NPP/PUK 3 S	450 169	10

Type	Cat.No.	Qty.
NPP/PUK 3 S	450 169	10

Type	Cat.No.	Qty.

Type	Cat.No.	Qty.
NPP/PUK 3 S	450 169	10

Cross Connection


Type	Cat.No.	Qty.
UK 2,5/2	480 132	25
UK 2,5/3	480 133	20
UK 2,5/4	480 134	15
UK 2,5/10	480 139	5
UK 2,5/35	480 140	5

Type	Cat.No.	Qty.
UK 2,5/2	480 132	25
UK 2,5/3	480 133	20
UK 2,5/4	480 134	15
UK 2,5/10	480 139	5
UK 2,5/35	480 140	5

Type	Cat.No.	Qty.

Type	Cat.No.	Qty.
UK 2,5/2	480 132	25
UK 2,5/3	480 133	20
UK 2,5/4	480 134	15
UK 2,5/10	480 139	5
UK 2,5/35	480 140	5

Technical Data
Rated Impulse Voltage / Pollution severity
Insulation material group / Gauge pin code according to IEC 60947-1
Protection class / Protection conductor type
<b>Marking Tags (Dekafix)</b>
See pages 326-333 for a list of Dekafix

6/3
1/A3
IP 20 / -
DB 5

6/3
1/A3
IP 20 / -
DB 5


6/3
1/A3
IP 20 / PE
DB 5

Package Quantity
20 pcs.

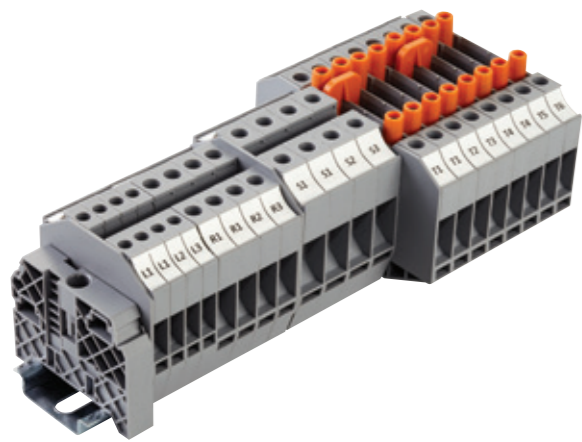
20 pcs.
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20 pcs.
---------

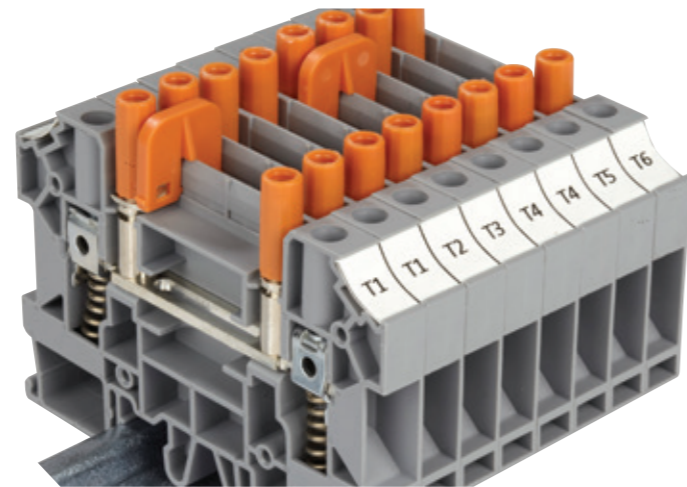
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20 pcs.
---------

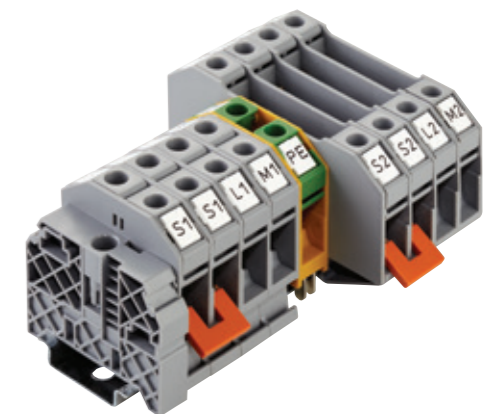
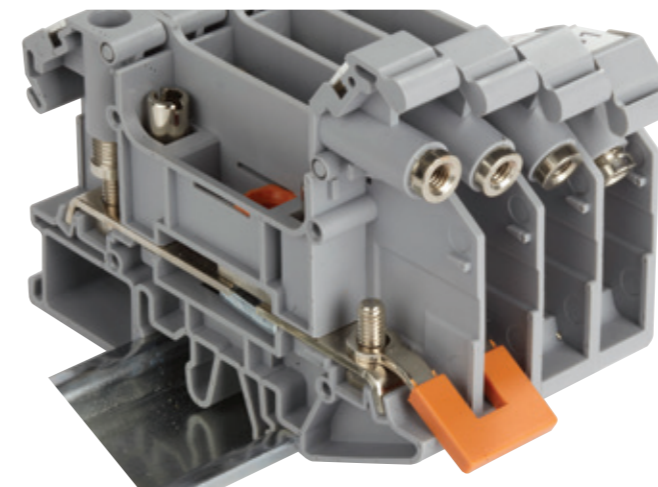
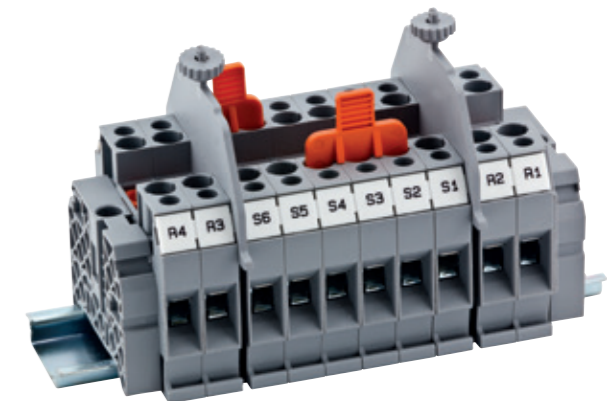
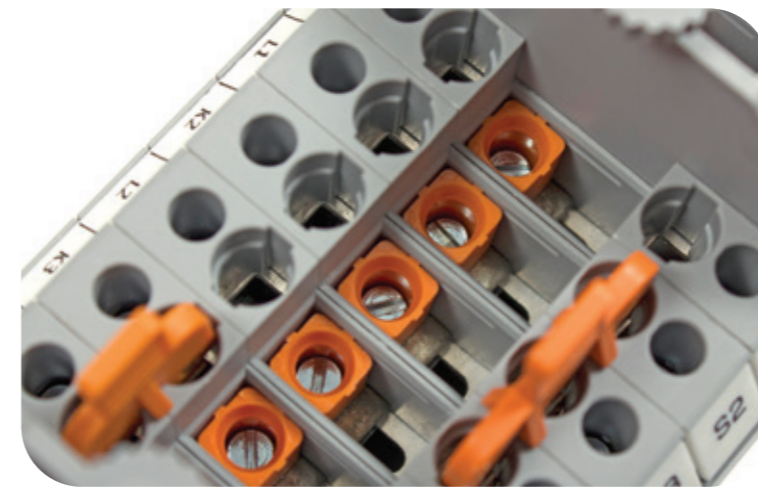
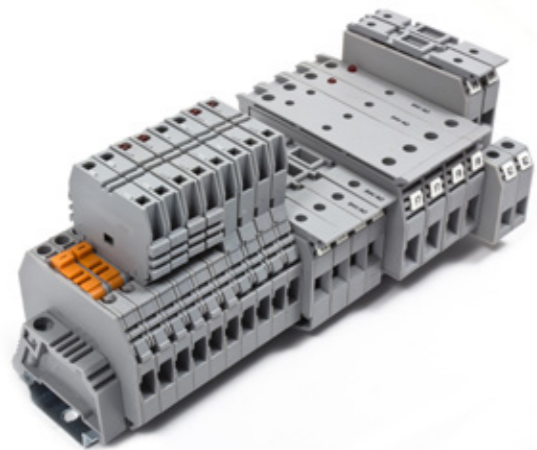
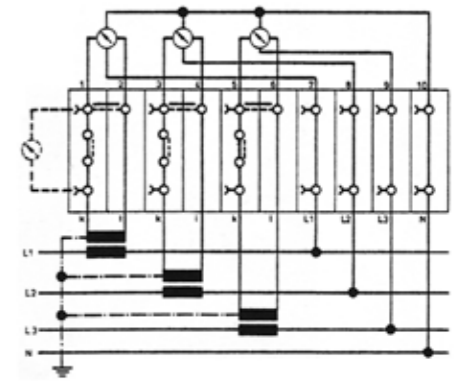
# Screw Connection Disconnect / Test and Disconnect / Fuse Terminals



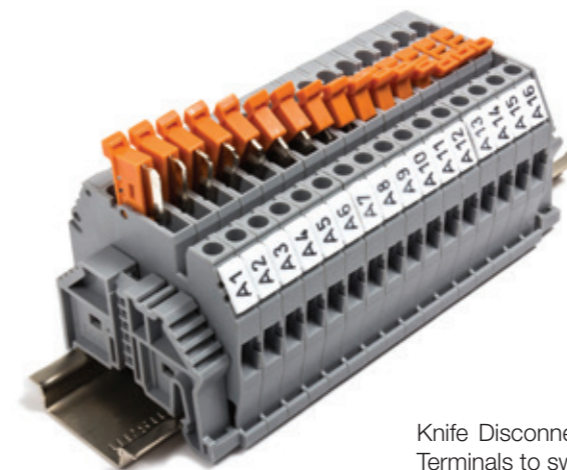
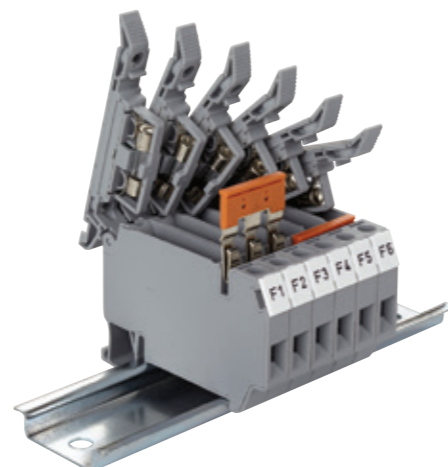
WGO Y Series Test and Disconnect Terminals provide safe connection with spring force under the contact of the terminal block. Practical accessories like sliding cross connection system, isolated Test Sockets, Test Plugs and Comb Connectors are available. Special Marking solutions for each cross section can be provided by Plotter labeling.



WGO Series Test and Disconnect Terminals are used to perform required tests without switching off the power in the system. These products are installed at the secondary side of current transformers, and thus, electrical ratings can be observed by testing equipment connected to the product. Practical accessories like sliding cross connection system, isolated Test Sockets, Test Plugs and Comb Connectors are available. Special Marking solutions for each cross section can be provided by Plotter labeling.



Screw Connection Fuse Rail Terminals Terminals can be used with glass fuse between 1A...10A. The fuse inside of the terminal is easily mounted and dismantled, and is an ideal solution when there is a necessity to change it even when the power is on in the system. Marking solutions can be provided by Plotter Labeling.



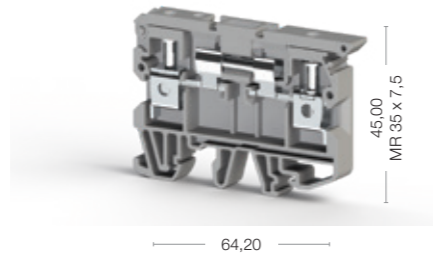
WGO PB series Ring and Fork Type Plug in Terminals provide practical safe connection. For WGO PB series, cable assembly is done with insulated ring type terminals and the terminal blocks have two test sockets. Practical accessories like sliding cross connection system, isolated Test Sockets, Test Plugs and Comb Connectors are available. Special Marking solutions for each cross section can be provided by Plotter labeling.

Knife Disconnect System, enables Screw Connection Disconnect Terminals to switch energy in the system. Marking solutions can be provided by Plotter Labeling.

# Disconnect Terminals

## ASK 2 B

Width: 8 mm

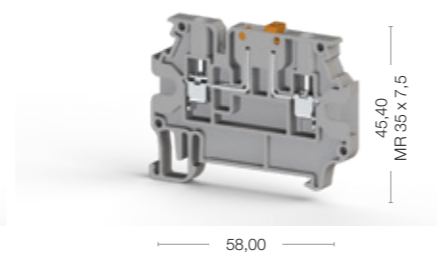


Cat No:

- 360 119
- 360 110

## AVK 2,5 A

Width: 5 mm

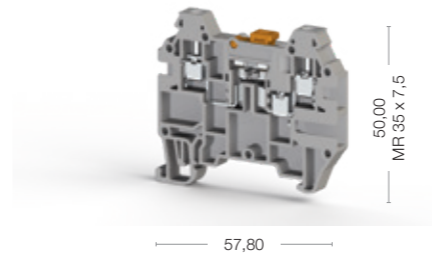


Cat No:

- 304 419
- 304 410

## AVK 2,5 EA

Width: 6 mm

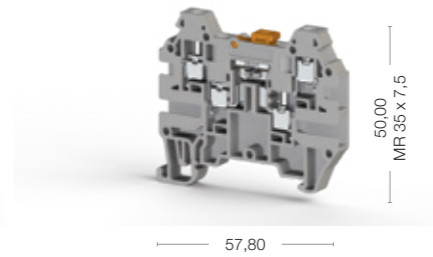


Cat No:

- 324 949
- 324 940

## AVK 2,5 CCA

Width: 6 mm



Cat No:

- 324 939
- 324 930



Electrical Ratings
CE (EN 60947-7-1)
UL
VDE (IEC 60947-7-1)
CSA
ATEX

Voltage, V ~	Current, A	Cross-Section
500	6,3	6 mm <sup>2</sup>
300	6,3	AWG 26-8

Voltage, V ~	Current, A	Cross-Section
500	16	2,5 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
400	16	2,5 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
400	16	2,5 mm <sup>2</sup>

Connection Data	
Conductor cross section solid (min.-max.)	0,2-10 mm <sup>2</sup>
Conductor cross section stranded (min.-max.)	0,2-10 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min.-max.)	0,5-4 mm <sup>2</sup>
AWG Conductor	AWG 24-8
Insulation Stripping Length (min.-max.)	10-12 mm
Torque (min.-max.)	0,8-1,2 Nm
Screwdriver	IKT 3 (0,6x3,5)

	0,2-4 mm <sup>2</sup>
	0,2-4 mm <sup>2</sup>
	0,5-1,5 mm <sup>2</sup>
	AWG 24-12
	9-10 mm
	0,4-0,6 Nm
	IKT 3 (0,6x3,5)

	0,2-4 mm <sup>2</sup>
	0,2-4 mm <sup>2</sup>
	0,5-1,5 mm <sup>2</sup>
	AWG 24-12
	9-10 mm
	0,4-0,6 Nm
	IKT 3 (0,6x3,5)

	0,2-4 mm <sup>2</sup>
	0,2-4 mm <sup>2</sup>
	0,5-1,5 mm <sup>2</sup>
	AWG 24-12
	9-10 mm
	0,4-0,6 Nm
	IKT 3 (0,6x3,5)

	0,2-4 mm <sup>2</sup>
	0,2-4 mm <sup>2</sup>
	0,5-1,5 mm <sup>2</sup>
	AWG 24-12
	9-10 mm
	0,4-0,6 Nm
	IKT 3 (0,6x3,5)

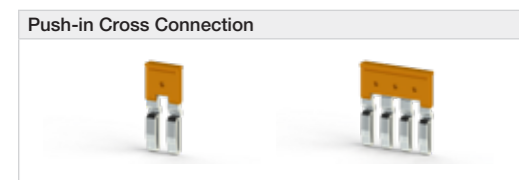


Type	Cat.No.	Qty.
NPP/ASK 2	450 049	25

Type	Cat.No.	Qty.
NPP/AVK 2,5A	450 330	25

Type	Cat.No.	Qty.
NPP/AVK 2,5 CC	444 139	25

Type	Cat.No.	Qty.
NPP/AVK 2,5 CC	444 139	25



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Type	Cat.No.	Qty.
UK 2,5/2	476 222	25
UK 2,5/3	476 223	20
UK 2,5/4	476 224	15
UK 2,5/10	476 229	5

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Technical Data	
Rated Impulse Voltage / Pollution severity	6/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/B5
Protection class / Protection conductor type	IP 20 / -


Marking Tags (Dekafix)	
See pages 326-333 for a list of Dekafix	DB 5

25 pcs.
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50 pcs.
---------

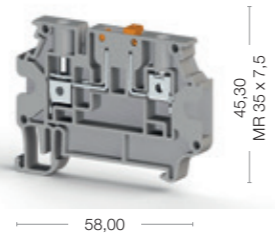
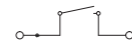
80 pcs.
---------

80 pcs.
---------

# Disconnect Terminals

## AVK 4 A

Width: 6 mm

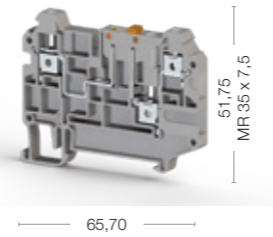


Cat No:

- 304 380
- 304 389

## AVK 4 CEA

Width: 6 mm

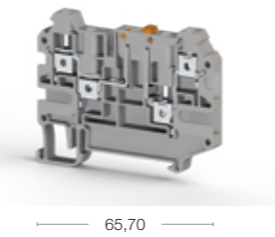
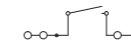


Cat No:

- 325 239
- 325 230

## AVK 4 CCA

Width: 6 mm

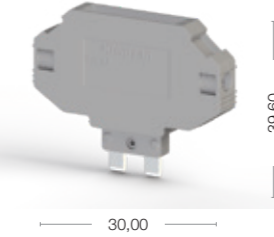


Cat No:

- 325 219
- 325 210

## AVK AS

Width: 5,80 mm

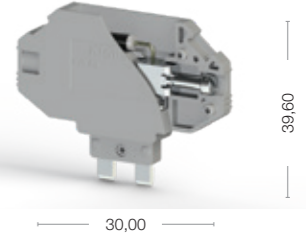


Cat No:

- 498 959
- 498 950

## AVK ASD

Width: 5,80 mm



Cat No:

- 499 059
- 499 050



Electrical Ratings
CE (EN 60947-7-1)
UL
VDE (IEC 60947-7-1)
CSA
ATEX

Connection Data	
Conductor cross section solid (min.-max.)	0,2-6 mm <sup>2</sup>
Conductor cross section stranded (min.-max.)	0,2-6 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min.-max.)	0,5-2,5 mm <sup>2</sup>
AWG Conductor	AWG 24-10
Insulation Stripping Length (min.-max.)	9-10 mm
Torque (min.-max.)	0,5-0,8 Nm
Screwdriver	IKT 3 (0,6x3,5)

End Plate


Technical Data For Diode	
Diode Voltage	
Diode Current	
Diode	

Push-in Cross Connection


Technical Data	
Rated Impulse Voltage / Pollution severity	6/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A4
Protection class / Protection conductor type	IP 20 / -
Marking Tags (Dekafix)	DB 10/6, DG 10/6T

Package Quantity
50 pcs.

Voltage, V ~	Current, A	Cross-Section
500	20	4 mm <sup>2</sup>
300	16	AWG 26-10

Type	Cat.No.	Qty.
NPP/AVK 4 R-A	450 330	25


Type	Cat.No.	Qty.
UK 4/2	476 232	25
UK 4/3	476 233	20
UK 4/4	476 234	15
UK 4/10	476 239	5


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Voltage, V ~	Current, A	Cross-Section
500	20	4 mm <sup>2</sup>

Type	Cat.No.	Qty.
NPP/AVK 4CEA	450 349	25


Type	Cat.No.	Qty.
UK 4/2	476 232	25
UK 4/3	476 233	20
UK 4/4	476 234	15
UK 4/10	476 239	5


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Voltage, V ~	Current, A	Cross-Section
500	20	4 mm <sup>2</sup>

Type	Cat.No.	Qty.
NPP/AVK 4CCA	450 349	25


Type	Cat.No.	Qty.
UK 4/2	476 232	25
UK 4/3	476 233	20
UK 4/4	476 234	15
UK 4/10	476 239	5


--	--	--

Voltage, V ~	Current, A	Cross-Section
400	16	2,5 mm <sup>2</sup>





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Voltage, V ~	Current, A	Cross-Section
400	0,5	2,5 mm <sup>2</sup>





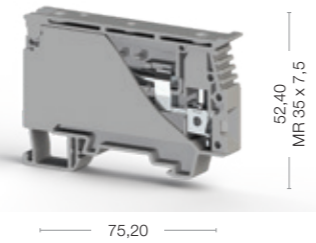
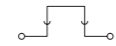
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NOTE: AVK ASD is just used with AVK 4A, AVK 4CEA and AVK 4CCA terminal blocks. NOTE: AVK ASD is just used with AVK 4A, AVK 4CEA and AVK 4CCA terminal blocks.

# Disconnect Terminals

## ASK 4 B

Width: 10 mm

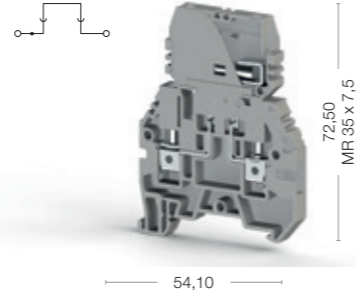
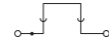


Cat No:

- 360 129
- 360 120

## ASK 3 FB

Width: 6,2 mm

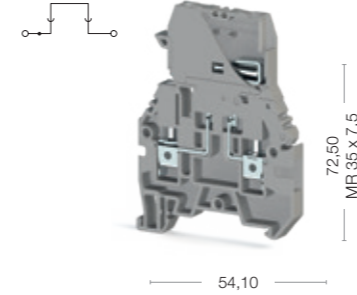


Cat No:

- 362 009
- 362 000

## ASK 3 MB

Width: 6,2 mm

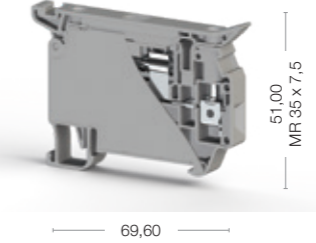
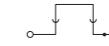


Cat No:

- 363 009
- 363 000

## ASK 5 B

Width: 8 mm



Cat No:

- 353 419
- 353 410



Electrical Ratings
CE (EN 60947-7-1)
UL
VDE (IEC 60947-7-1)
CSA
ATEX

Voltage, V ~	Current, A	Cross-Section
750	6,3	6 mm <sup>2</sup>
600	6,3	AWG 22-8

Voltage, V ~	Current, A	Cross-Section
500	16	4 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
500	16	4 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
500	16	4 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
500	10	4 mm <sup>2</sup>

Connection Data	
Conductor cross section solid (min.-max.)	0,34-10 mm <sup>2</sup>
Conductor cross section stranded (min.-max.)	0,34-10 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min.-max.)	0,5-4 mm <sup>2</sup>
AWG Conductor	AWG 22-8
Insulation Stripping Length (min.-max.)	9-10 mm
Torque (min.-max.)	0,5-0,8 Nm
Screwdriver	IKT 3 (0,6x3,5)

Conductor cross section solid (min.-max.)	0,2-6 mm <sup>2</sup>
Conductor cross section stranded (min.-max.)	0,2-6 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min.-max.)	0,5-2,5 mm <sup>2</sup>
AWG Conductor	AWG 24-10
Insulation Stripping Length (min.-max.)	9-10 mm
Torque (min.-max.)	0,5-0,8 Nm
Screwdriver	IKT 3 (0,6x3,5)

Conductor cross section solid (min.-max.)	0,2-6 mm <sup>2</sup>
Conductor cross section stranded (min.-max.)	0,2-6 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min.-max.)	0,5-2,5 mm <sup>2</sup>
AWG Conductor	AWG 24-10
Insulation Stripping Length (min.-max.)	9-10 mm
Torque (min.-max.)	0,5-0,8 Nm
Screwdriver	IKT 3 (0,6x3,5)

Conductor cross section solid (min.-max.)	0,2-6 mm <sup>2</sup>
Conductor cross section stranded (min.-max.)	0,2-6 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min.-max.)	0,5-2,5 mm <sup>2</sup>
AWG Conductor	AWG 24-10
Insulation Stripping Length (min.-max.)	9-10 mm
Torque (min.-max.)	0,5-0,8 Nm
Screwdriver	IKT 3 (0,6x3,5)

Conductor cross section solid (min.-max.)	0,2-6 mm <sup>2</sup>
Conductor cross section stranded (min.-max.)	0,2-6 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min.-max.)	0,5-2,5 mm <sup>2</sup>
AWG Conductor	AWG 24-10
Insulation Stripping Length (min.-max.)	8-9 mm
Torque (min.-max.)	0,5-0,8 Nm
Screwdriver	IKT 3 (0,6x3,5)

Conductor cross section solid (min.-max.)	0,2-6 mm <sup>2</sup>
Conductor cross section stranded (min.-max.)	0,2-6 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min.-max.)	0,5-2,5 mm <sup>2</sup>
AWG Conductor	AWG 24-10
Insulation Stripping Length (min.-max.)	8-9 mm
Torque (min.-max.)	0,5-0,8 Nm
Screwdriver	IKT 3 (0,6x3,5)

End Plate

Type	Cat.No.	Qty.
NPP/ASK 3	450 059	10

Type	Cat.No.	Qty.
NPP/ASK 3	450 059	10

Type	Cat.No.	Qty.
NPP/ASK 3	450 059	10

Type	Cat.No.	Qty.
NPP/ASK 3	450 059	10

Type	Cat.No.	Qty.
NPP/ASK 3	450 059	10

Push-in Cross Connection

UK 4/2	476 232	25
UK 4/3	476 233	20
UK 4/4	476 234	15

UK 4/2	476 232	25
UK 4/3	476 233	20
UK 4/4	476 234	15

UK 4/2	476 232	25
UK 4/3	476 233	20
UK 4/4	476 234	15

UK 6/2	476 242	25
UK 6/3	476 243	20
UK 6/4	476 244	15
UK 6/10	476 249	5

UK 6/2	476 242	25
UK 6/3	476 243	20
UK 6/4	476 244	15
UK 6/10	476 249	5

Technical Data	
Rated Impulse Voltage / Pollution severity	6/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/B5
Protection class / Protection conductor type	IP 20 / -

Rated Impulse Voltage / Pollution severity	6/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A4
Protection class / Protection conductor type	IP 20 / -

Rated Impulse Voltage / Pollution severity	6/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A4
Protection class / Protection conductor type	IP 20 / -

Rated Impulse Voltage / Pollution severity	6/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A4
Protection class / Protection conductor type	IP 20 / -

Rated Impulse Voltage / Pollution severity	6/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A4
Protection class / Protection conductor type	IP 20 / -

Rated Impulse Voltage / Pollution severity	6/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A4
Protection class / Protection conductor type	IP 20 / -

Package Quantity
20 pcs.

20 pcs.
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20 pcs.
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20 pcs.
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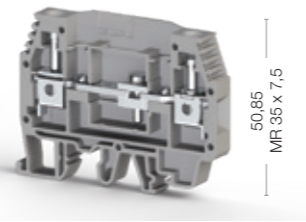
20 pcs.
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50 pcs.
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# WGO Series Test / Disconnect Terminals

## WGO 1

Width: 8 mm  





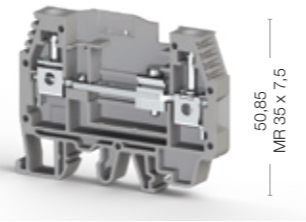
66,25

Cat No:

- 370 590
- 370 500

## WGL 1

Width: 8 mm  





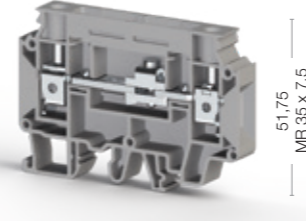
66,25

Cat No:

- 375 790
- 375 700

## WGO 2 N

Width: 10 mm  


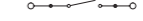


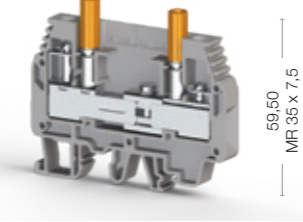
74,60

Cat No:

- 375 890
- 375 800

## WGO 3

Width: 8 mm  




70,00

Cat No:

- 375 692
- 375 602



Electrical Ratings
CE (EN 60947-7-1)
UL
VDE (IEC 60947-7-1)
CSA
ATEX

Connection Data	
Conductor cross section solid (min.-max.)	0,2-10 mm <sup>2</sup>
Conductor cross section stranded (min.-max.)	0,2-10 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min.-max.)	0,5-4 mm <sup>2</sup>
AWG Conductor	AWG 24-8
Insulation Stripping Length (min.-max.)	10-12 mm
Torque (min.-max.)	0,8-1,2 Nm
Screwdriver	IKT 4 (0,8x4,0)

Ordering Data	Type	Cat.No.	Qty.
Without Socket - Beige / Grey	WGO 1	370 500 - 590	60
One Socket - Beige / Grey	WGO 1	370 501 - 591	60
Double Socket - Beige / Grey			
One Test Socket - Beige / Grey	WGO 1	370 503 - 593	60
Double Test Socket - Beige / Grey	WGO 1	370 502 - 592	60

End Plate	Type	Cat.No.	Qty.
	NPP/WGO 1	450 109	25

Cross Connection	Type	Cat.No.	Qty.
	IZUK 6/2	476 302	10
	IZUK 6/3	476 303	10
	IZUK 6/4	476 304	10
	IZUK 6/6	476 306	10
	IZUK 6/10	476 309	5
	WGO UAA	498 300	1

Test Plug	Type	Cat.No.	Qty.
 suitable for test socket types	TF (Ø4)	493 050	10

Comb Connector	Type	Cat.No.	Qty.
	TKO 6/2	476 282	25
	TKO 6/3	476 283	20
	TKO 6/4	476 284	15
	TKO 6/10	476 289	5

Technical Data	
Rated Impulse Voltage / Pollution severity	6/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/B5
Protection class / Protection conductor type	IP 20 / -

Marking Tags (Dekafix)	
See pages 326-333 for a list of Dekafix	D_NS 8x10, DG 10/8

Package Quantity	
	60 pcs.

Voltage, V ~	Current, A	Cross-Section
400	41	6 mm <sup>2</sup>
300	50	AWG 20-8
250	36	

Voltage, V ~	Current, A	Cross-Section
400	41	6 mm <sup>2</sup>
300	50	AWG 20-8
250	36	

Type	Cat.No.	Qty.
WGO 1	375 700 - 790	60
WGL 1	375 701 - 791	60
WGL 1	375 702 - 792	60

Type	Cat.No.	Qty.
NPP/WGO 1	450 109	25

Type	Cat.No.	Qty.
IZUK 6/2	476 302	10
IZUK 6/3	476 303	10
IZUK 6/4	476 304	10
IZUK 6/6	476 306	10
IZUK 6/10	476 309	5
WGO UAA	498 300	1

Type	Cat.No.	Qty.
TF (Ø4)	493 050	10

Type	Cat.No.	Qty.
TKO 6/2	476 282	25
TKO 6/3	476 283	20
TKO 6/4	476 284	15
TKO 6/10	476 289	5

Type	Cat.No.	Qty.
6/3		
1/B5		
IP 20 / -		

Type	Cat.No.	Qty.
D_NS 8x10, DG 10/8		

Type	Cat.No.	Qty.
		60 pcs.

Voltage, V ~	Current, A	Cross-Section
400	41	6 mm <sup>2</sup>
300	50	AWG 20-8
250	36	

Voltage, V ~	Current, A	Cross-Section
400	41	6 mm <sup>2</sup>
300	50	AWG 20-8
250	36	

Type	Cat.No.	Qty.
WGO 2 N	375 800 - 890	50
WGO 2 N	375 801 - 891	50
WGO 2 N	375 804 - 894	50
WGO 2 N	375 803 - 893	50
WGO 2 N	375 802 - 892	50

Type	Cat.No.	Qty.
NPP/WGO 2 N	450 230	25

Type	Cat.No.	Qty.
IZUK 10/2	476 402	10
IZUK 10/3	476 403	10
IZUK 10/4	476 404	10
IZUK 10/6	476 406	10
IZUK 10/10	476 409	5

Type	Cat.No.	Qty.
TF (Ø4)	493 050	10

Type	Cat.No.	Qty.
TKO 10/2	476 292	25
TKO 10/3	476 293	20
TKO 10/4	476 294	15
TKO 10/10	476 299	5

Type	Cat.No.	Qty.
4/3		
1/B6		
IP 20 / -		

Type	Cat.No.	Qty.
D_NS 10x10, DG 10/10, SLF-P1 W		

Type	Cat.No.	Qty.
		50 pcs.

Voltage, V ~	Current, A	Cross-Section
400	41	6 mm <sup>2</sup>
300	43	AWG 20-8
250	36	

Voltage, V ~	Current, A	Cross-Section
400	41	6 mm <sup>2</sup>
300	43	AWG 20-8
250	36	

Type	Cat.No.	Qty.
WGO 3	375 600 - 690	50
WGO 3	375 601 - 691	50
WGO 3	375 604 - 694	50
WGO 3	375 603 - 693	50
WGO 3	375 602 - 692	50

Type	Cat.No.	Qty.
NPP/WGO 3	450 229	25
NPP/WGO 3	450 220	25

Type	Cat.No.	Qty.
IZUK 6/2	476 302	10
IZUK 6/3	476 303	10
IZUK 6/4	476 304	10
IZUK 6/6	476 306	10
IZUK 6/10	476 309	5
WGO UAA	498 300	1

Type	Cat.No.	Qty.
TF (Ø4)	493 050	10

Type	Cat.No.	Qty.
TKO 6/2	476 282	25
TKO 6/3	476 283	20
TKO 6/4	476 284	15
TKO 6/10	476 289	5

Type	Cat.No.	Qty.
6/3		
1/B5		
IP 20 / -		

Type	Cat.No.	Qty.
D_NS 8x10, DG 10/8		

Type	Cat.No.	Qty.
		50 pcs.

Voltage, V ~	Current, A	Cross-Section
400	57	10 mm <sup>2</sup>
300	57	10 mm <sup>2</sup>
250	36	

Voltage, V ~	Current, A	Cross-Section
400	57	10 mm <sup>2</sup>
300	57	10 mm <sup>2</sup>
250	36	

Type	Cat.No.	Qty.
WGO 2 N	375 800 - 890	50
WGO 2 N	375 801 - 891	50
WGO 2 N	375 804 - 894	50
WGO 2 N	375 803 - 893	50
WGO 2 N	375 802 - 892	50

Type	Cat.No.	Qty.
NPP/WGO 2 N	450 230	25

Type	Cat.No.	Qty.
IZUK 10/2	476 402	10
IZUK 10/3	476 403	10
IZUK 10/4	476 404	10
IZUK 10/6	476 406	10
IZUK 10/10	476 409	5

Type	Cat.No.	Qty.
TF (Ø4)	493 050	10

Type	Cat.No.	Qty.
TKO 10/2	476 292	25
TKO 10/3	476 293	20
TKO 10/4	476 294	15
TKO 10/10	476 299	5

Type	Cat.No.	Qty.
4/3		
1/B6		
IP 20 / -		

Type	Cat.No.	Qty.
D_NS 10x10, DG 10/10, SLF-P1 W		

Type	Cat.No.	Qty.
		50 pcs.

Voltage, V ~	Current, A	Cross-Section
400	41	6 mm <sup>2</sup>
300	43	AWG 20-8
250	36	

Voltage, V ~	Current, A	Cross-Section
400	41	6 mm <sup>2</sup>
300	43	AWG 20-8
250	36	

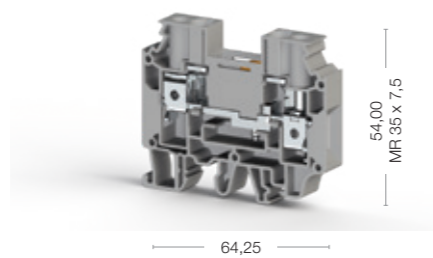
Type	Cat.No.	Qty.
WGO 3	375 600 - 690	50
WGO 3	375 601 - 691	50
WGO 3	375 604 - 694	50
WGO 3	375 603 - 693	50
WGO 3	375 602 - 692	50

Type	Cat.No.	Qty.
NPP/WGO 3	450 229	25
NPP/WGO 3	450 220	25</

# WGO Series Test / Disconnect Terminals

## WGO 2 IR

Width: 10 mm

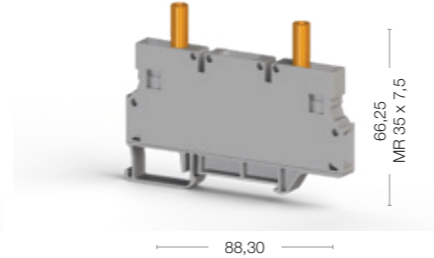


Cat No:

- 375 909
- 375 900

## WGO 4

Width: 8 mm

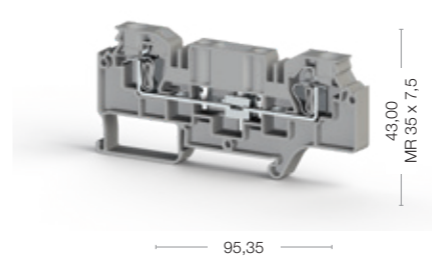


Cat No:

- 376 090
- 376 000

## WGO 5

Width: 8 mm

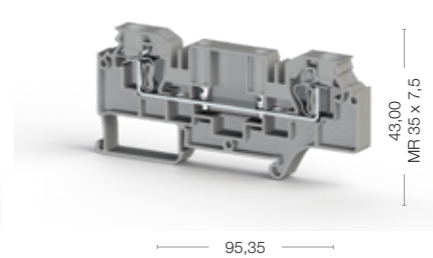


Cat No:

- 376 190
- 376 100

## WGO D5

Width: 8 mm



Cat No:

- 376 290
- 376 200



Electrical Ratings
CE (EN 60947-7-1)
UL
VDE (IEC 60947-7-1)
CSA
ATEX

Connection Data	
Conductor cross section solid (min.-max.)	0,5-16 mm <sup>2</sup>
Conductor cross section stranded (min.-max.)	0,5-16 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min.-max.)	0,5-6 mm <sup>2</sup>
AWG Conductor	AWG 20-6
Insulation Stripping Length (min.-max.)	10-12 mm
Torque (min.-max.)	1,2-1,8 Nm
Screwdriver	IKT 4 (0,8x4,0)

Ordering Data			
Without Socket - Beige / Grey	WGO 2 IR	375 900 - 909	50
One Socket - Beige / Grey			
Double Socket - Beige / Grey			
One Test Socket - Beige / Grey			
Double Test Socket - Beige / Grey			

End Plate			
Grey	NPP/WGO 2 IR	450 249	25
Beige			

Cross Connection		
IZUK 10W/2	476 502	10
IZUK 10W/3	476 503	10
IZUK 10W/4	476 504	10
IZUK 10W/6	476 506	10
IZUK 10W/10	476 509	5

Test Plug		
TF (Q4)	493 050	10

Comb Connector		
TKO 10/2	476 292	25
TKO 10/3	476 293	20
TKO 10/4	476 294	15
TKO 10/10	476 299	5

Technical Data	
Rated Impulse Voltage / Pollution severity	6/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/B6
Protection class / Protection conductor type	IP 20 / -
Marking Tags (Dekafix)	D_NS 10x10, DG 10/10, SLF-P1 W

Package Quantity
50 pcs.

Voltage, V ~	Current, A	Cross-Section
500	57	10 mm <sup>2</sup>
400	50	

Type	Cat.No.	Qty.
WGO 2 IR	375 900 - 909	50

Type	Cat.No.	Qty.
WGO 4 (Grey)	376 091	50

Type	Cat.No.	Qty.
NPP/WGO 2 IR	450 249	25

Type	Cat.No.	Qty.
IZUK 6/2	476 302	10
IZUK 6/3	476 303	10
IZUK 6/4	476 304	10
IZUK 6/6	476 306	10
IZUK 6/10	476 309	5

Type	Cat.No.	Qty.
TF (Q4)	493 050	10

Type	Cat.No.	Qty.
TKO 10/2	476 292	25
TKO 10/3	476 293	20
TKO 10/4	476 294	15
TKO 10/10	476 299	5

Technical Data	
Rated Impulse Voltage / Pollution severity	6/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/B5
Protection class / Protection conductor type	IP 20 / -
Marking Tags (Dekafix)	D_NS 8x10, DG 10/8, SLF-P1 W

Package Quantity
50 pcs.

Voltage, V ~	Current, A	Cross-Section
1000	41	6 mm <sup>2</sup>

Type	Cat.No.	Qty.
WGO 4 (Grey)	376 091	50

Type	Cat.No.	Qty.
WGO 4 (Grey)	376 091	50

Type	Cat.No.	Qty.
NPP/WGO 5	450 359	25
APP/WGO 5	463 219	25
Cover WGO 5	498 260	1 meter

Type	Cat.No.	Qty.
UK 6/2	476 242	25
UK 6/3	476 243	20
UK 6/4	476 244	15
UK 6/10	476 249	5

Type	Cat.No.	Qty.
TF (Q4)	493 050	10

Type	Cat.No.	Qty.
TKO 10/2	476 292	25
TKO 10/3	476 293	20
TKO 10/4	476 294	15
TKO 10/10	476 299	5

Technical Data	
Rated Impulse Voltage / Pollution severity	6/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A5
Protection class / Protection conductor type	IP 20 / -
Marking Tags (Dekafix)	D_NS 8x10, DG 10/8, SLF-P1 W

Package Quantity
40 pcs.

Voltage, V ~	Current, A	Cross-Section
500	41	6 mm <sup>2</sup>

Type	Cat.No.	Qty.
NPP/WGO 5	450 359	25
APP/WGO 5	463 219	25
Cover WGO 5	498 260	1 meter

Type	Cat.No.	Qty.
NPP/WGO 5	450 359	25
APP/WGO 5	463 219	25
Cover WGO 5	498 260	1 meter

Type	Cat.No.	Qty.
UK 6/2	476 242	25
UK 6/3	476 243	20
UK 6/4	476 244	15
UK 6/10	476 249	5

Type	Cat.No.	Qty.
TF (Q4)	493 050	10

Type	Cat.No.	Qty.
TKO 10/2	476 292	25
TKO 10/3	476 293	20
TKO 10/4	476 294	15
TKO 10/10	476 299	5

Technical Data	
Rated Impulse Voltage / Pollution severity	6/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A5
Protection class / Protection conductor type	IP 20 / -
Marking Tags (Dekafix)	D_NS 8x10, DG 10/8, SLF-P1 W

Package Quantity
40 pcs.

Voltage, V ~	Current, A	Cross-Section
500	41	6 mm <sup>2</sup>

Type	Cat.No.	Qty.
NPP/WGO 5	450 359	25
APP/WGO 5	463 219	25
Cover WGO 5	498 260	1 meter

Type	Cat.No.	Qty.
NPP/WGO 5	450 359	25
APP/WGO 5	463 219	25
Cover WGO 5	498 260	1 meter

Type	Cat.No.	Qty.
UK 6/2	476 242	25
UK 6/3	476 243	20
UK 6/4	476 244	15
UK 6/10	476 249	5

Type	Cat.No.	Qty.
TF (Q4)	493 050	10

Type	Cat.No.	Qty.
TKO 10/2	476 292	25
TKO 10/3	476 293	20
TKO 10/4	476 294	15
TKO 10/10	476 299	5

Technical Data	
Rated Impulse Voltage / Pollution severity	6/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A5
Protection class / Protection conductor type	IP 20 / -
Marking Tags (Dekafix)	D_NS 8x10, DG 10/8, SLF-P1 W

Package Quantity
40 pcs.

Voltage, V ~	Current, A	Cross-Section
500	41	6 mm <sup>2</sup>

Type	Cat.No.	Qty.
NPP/WGO 5	450 359	25
APP/WGO 5	463 219	25
Cover WGO 5	498 260	1 meter

Type	Cat.No.	Qty.
NPP/WGO 5	450 359	25
APP/WGO 5	463 219	25
Cover WGO 5	498 260	1 meter

Type	Cat.No.	Qty.
UK 6/2	476 242	25
UK 6/3	476 243	20
UK 6/4	476 244	15
UK 6/10	476 249	5

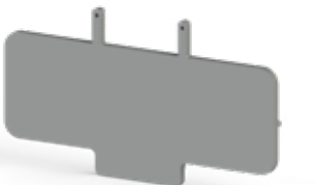
Type	Cat.No.	Qty.
TF (Q4)	493 050	10

Type	Cat.No.	Qty.
TKO 10/2	476 292	25
TKO 10/3	476 293	20
TKO 10/4	476 294	15
TKO 10/10	476 299	5

Technical Data	
Rated Impulse Voltage / Pollution severity	6/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A5
Protection class / Protection conductor type	IP 20 / -
Marking Tags (Dekafix)	D_NS 8x10 SLF-P1 W, DG 10/8

Package Quantity
40 pcs.

APP/WGO 5 - Cat No.: 463 219



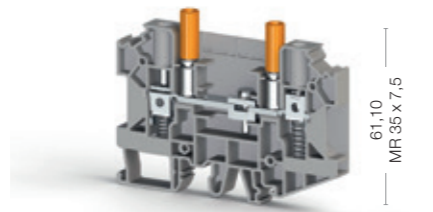
Protection Cover for WGO 5 - Cat No.: 498 260



# WGO Y Series Test / Disconnect Terminals

## WGO Y 6

Width: 8 mm



61,10  
MPR 35 x 7,5

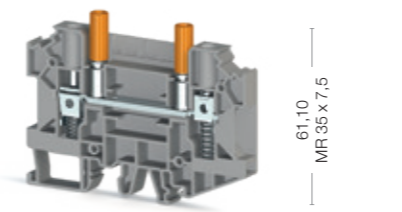
81,20

Cat No:

- 375 919
- 375 910

## WGO YD 6

Width: 8 mm



61,10  
MPR 35 x 7,5

81,20

Cat No:

- 375 929
- 375 920



Electrical Ratings
CE (EN 60947-7-1)
UL
VDE (IEC 60947-7-1)
CSA
ATEX

Connection Data	
Conductor cross section solid (min.-max.)	0,2-10 mm <sup>2</sup>
Conductor cross section stranded (min.-max.)	0,2-10 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min.-max.)	0,5-4 mm <sup>2</sup>
AWG Conductor	AWG 24-8
Insulation Stripping Length (min.-max.)	10-12 mm
Torque (min.-max.)	0,8-1,2 Nm
Screwdriver	IKT 4 (0,8x4,0)

End Plate	
	Grey
	Beige

Cross Connection

Test Plug

Technical Data	
Rated Impulse Voltage / Pollution severity	6/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/B5
Protection class / Protection conductor type	IP 20 / -
<b>Marking Tags (Dekafix)</b>	
See pages 326-333 for a list of Dekafix	D_NS 8x10, DG 10/8, SLF-P1 W

Package Quantity
48 pcs.

# WGO PB Series Test / Disconnect Terminals



Electrical Ratings
CE (EN 60947-7-1)
UL
VDE (IEC 60947-7-1)
CSA
ATEX

Connection Data	
Conductor cross section solid (min.-max.)	0,5-6 mm <sup>2</sup>
Conductor cross section stranded (min.-max.)	0,5-6 mm <sup>2</sup>
AWG Conductor	AWG 22-8
Torque	0,8-1,2 Nm
Hole Diameter	4,2 mm
Bolt Diameter	4 mm
Screwdriver	IKT 5 (1,0x5,5)

End Plate

Comb Connector/Ring Type

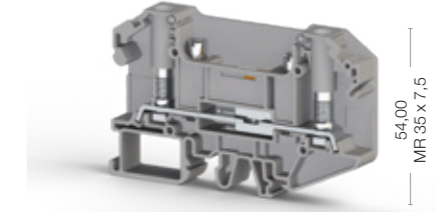
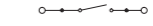
Test Plug

Technical Data	
Rated Impulse Voltage / Pollution severity	6/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/NA
Protection class / Protection conductor type	IP 20 / -
<b>Marking Tags (Dekafix)</b>	
See pages 326-333 for a list of Dekafix	D_NS 8x10, DG 10/8, SLF-P1 W

Package Quantity
25 pcs.

## WGO PB 6/NM

Width: 11 mm



54,00  
MPR 35 x 7,5

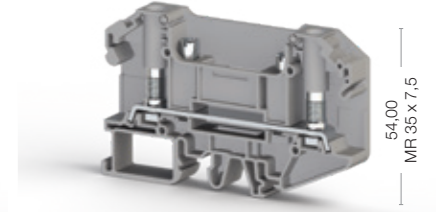
86,60

Cat No:

- 308 069
- 308 060

## WGO PBD 6/NM

Width: 11 mm



54,00  
MPR 35 x 7,5

86,60

Cat No:

- 308 079
- 308 070

Electrical Ratings
CE (EN 60947-7-1)
UL
VDE (IEC 60947-7-1)
CSA
ATEX

Connection Data	
Conductor cross section solid (min.-max.)	0,5-6 mm <sup>2</sup>
Conductor cross section stranded (min.-max.)	0,5-6 mm <sup>2</sup>
AWG Conductor	AWG 22-8
Torque	0,8-1,2 Nm
Hole Diameter	4,2 mm
Bolt Diameter	4 mm
Screwdriver	IKT 5 (1,0x5,5)

Type	Cat.No.	Qty.
NPP/WGO PB 6	451 009	25
APP/WGO PB 6	464 019	25

Type	Cat.No.	Qty.
TKO PB 6/2	479 002	25
TKO PB 6/3	479 003	20
TKO PB 6/4	479 004	15
TKO PB 6/7	479 007	5
TKO PB 6/10	479 009	5

Type	Cat.No.	Qty.
TF (Q4)	493 050	10

Technical Data	
Rated Impulse Voltage / Pollution severity	6/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/NA
Protection class / Protection conductor type	IP 20 / -
<b>Marking Tags (Dekafix)</b>	
See pages 326-333 for a list of Dekafix	D_NS 8x10, DG 10/8, SLF-P1 W

Package Quantity
25 pcs.

Electrical Ratings
CE (EN 60947-7-1)
UL
VDE (IEC 60947-7-1)
CSA
ATEX

Connection Data	
Conductor cross section solid (min.-max.)	0,5-6 mm <sup>2</sup>
Conductor cross section stranded (min.-max.)	0,5-6 mm <sup>2</sup>
AWG Conductor	AWG 22-8
Torque	0,8-1,2 Nm
Hole Diameter	4,2 mm
Bolt Diameter	4 mm
Screwdriver	IKT 5 (1,0x5,5)

Type	Cat.No.	Qty.
NPP/WGO PB 6	451 009	25
APP/WGO PB 6	464 019	25

Type	Cat.No.	Qty.
TKO PB 6/2	479 002	25
TKO PB 6/3	479 003	20
TKO PB 6/4	479 004	15
TKO PB 6/7	479 007	5
TKO PB 6/10	479 009	5

Type	Cat.No.	Qty.
TF (Q4)	493 050	10

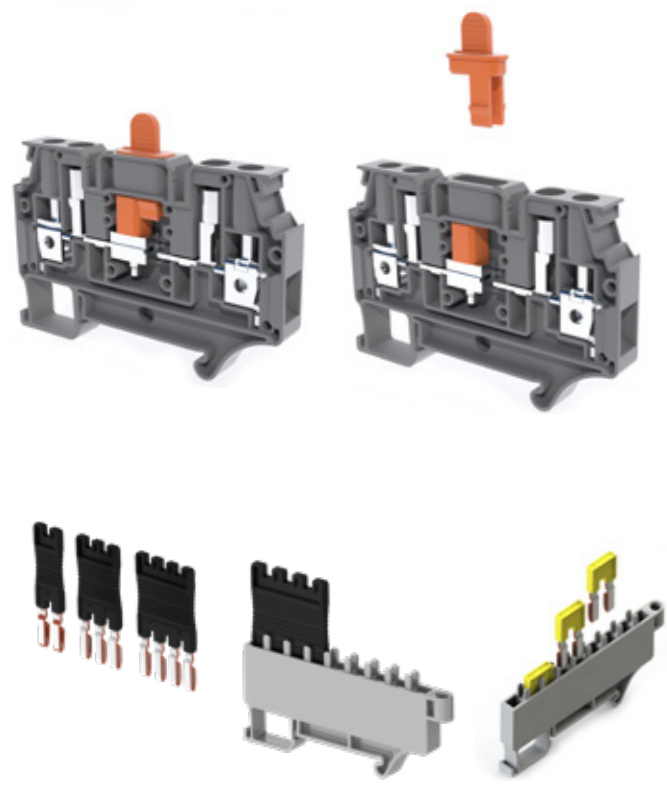
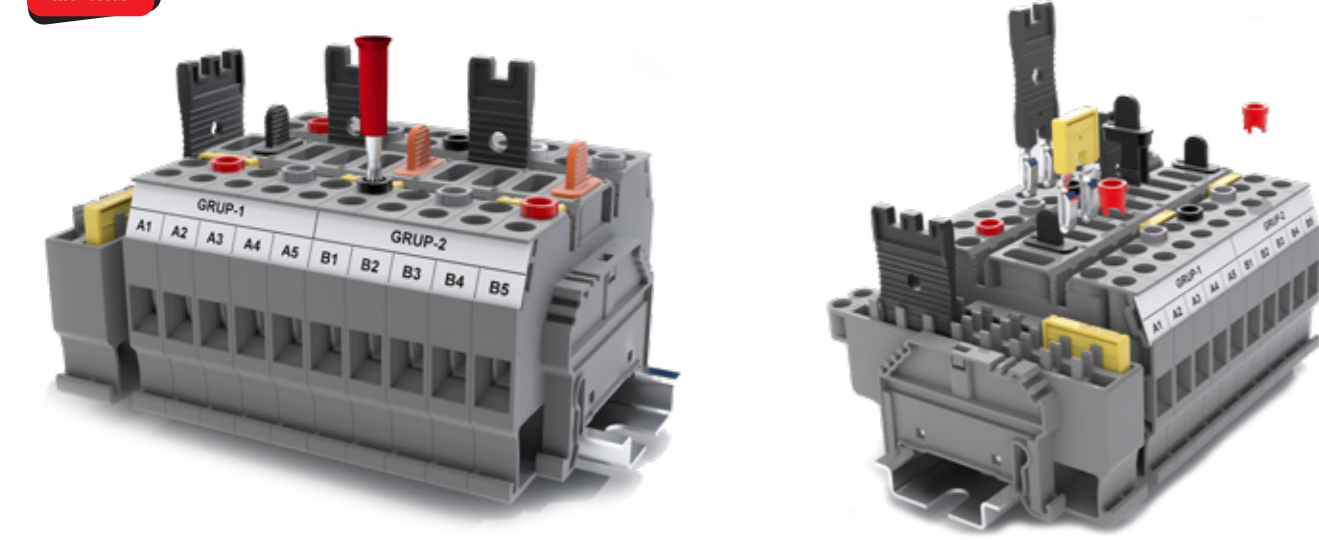
Technical Data	
Rated Impulse Voltage / Pollution severity	6/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/NA
Protection class / Protection conductor type	IP 20 / -
<b>Marking Tags (Dekafix)</b>	
See pages 326-333 for a list of Dekafix	D_NS 8x10, DG 10/8, SLF-P1 W

Package Quantity
25 pcs.

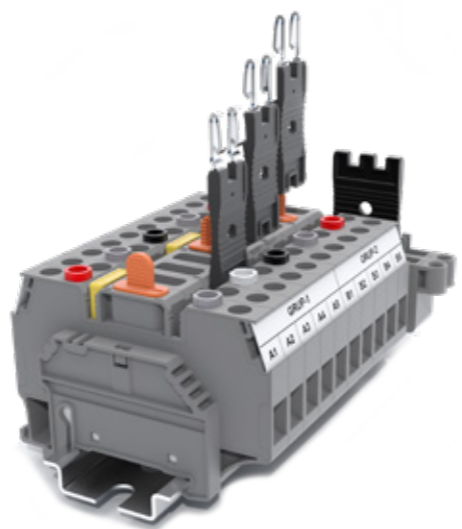


# WGO 6 Test and Disconnect Terminals

Complying EN 45545-2 European railway standard for fire safety classes R22-R23-R24-R26 for HL 1 – HL 2 –HL 3

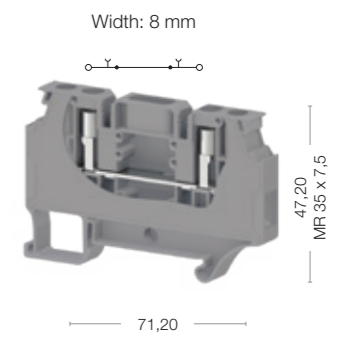
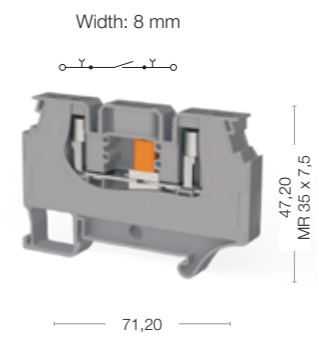


- 6mm<sup>2</sup> Closed Type Test and Disconnect Terminal Block, no need for an extra end plate usage.
- Insulation Material V0 PA complied with UL 94
- Suitable for 4mm diameter test plug with preformed self socket. No need for a socket and test socket model selection, test plug can be inserted directly.
- Test Socket color coding is possible thanks to WGO 6KP coding plastics.
- WGO 6PK ensures the Sliding Disconnect Bridge safety with exact positioning. When the circuit is disconnected, you can use WGO 6PK as a safety isolation to prevent unexpected tripping and arcing.
- Suitable for 11.2mm marking strip.
- Din rail mounted ATCS 6 cross connection holder prevents possible accessory loss for SCS 6 and CS 6, when they are not in use.



CS type (2-3-4-5-10 poles) accessories are push-in cross connectors, SCS type (2-3-4 poles) accessories are longer push-in short-circuit connectors. In case there is no accessory holder (ATCS 6) usage, SCS type connectors can be mounted upside down to same connection holes to prevent any accessory loss.

# WGO 6 Series Test / Disconnect Terminals



Cat No:

- 309 609
- 309 600

Cat No:

- 309 619
- 309 610



Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	1000	41	6 mm <sup>2</sup>
UL	600	50	AWG 24-8
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Connection Data	Conductor cross section solid (min.-max.)	Conductor cross section stranded (min.-max.)	AWG Conductor	Torque	Hole Diameter	Bolt Diameter	Screwdriver
	0,2-10 mm <sup>2</sup>	0,2-10 mm <sup>2</sup>	AWG 24-8	0,8-1,0 Nm	10 mm	B5	IKT 4 (0,8x4)

Cross Connection	Type	Cat.No.	Qty.
	CS 6/2	470 122	25
	CS 6/3	470 123	20
	CS 6/4	470 124	15
	CS 6/5	470 125	10
	CS 6/10	470 129	5
	SCS 6/2	470 172	25
	SCS 6/3	470 173	20
	SCS 6/4	470 174	15

Plastic Lock	Type	Cat.No.	Qty.	
	Grey	WGO 6_PK	469 079	50
	Orange	WGO 6_PK	469 077	50

Coding Plastic	Type	Cat.No.	Qty.	
	Orange	WGO 6_KP	469 067	50
	Blue	WGO 6_KP	469 061	50
	Green	WGO 6_KP	469 062	50
	Yellow	WGO 6_KP	469 063	50
	Red	WGO 6_KP	469 064	50
	Black	WGO 6_KP	469 065	50

Test Plug	Type	Cat.No.	Qty.
	TF04	493 050	10

Cross Connection Holder	Type	Cat.No.	Qty.
	ATCS 6	499 559	20

Technical Data	Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type	Marking Tags (Dekafix)
	6/3	1/NA	IP 20 / -	See pages 326-333 for a list of Dekafix


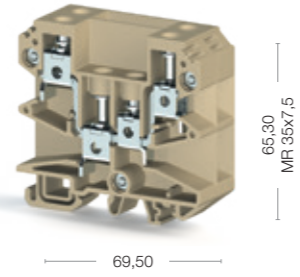
  

Package Quantity	50 pcs.
	50 pcs.

# Distribution Terminals

## AYK 10/16

Width: 11 mm


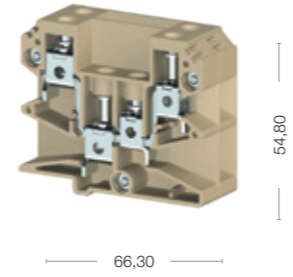



Cat No:

395 100

## AYK 10/16

Width: 11 mm


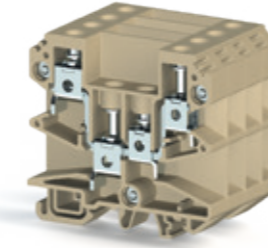



Cat No:

395 200

## AYK 10/16-2,3,4,5


Width: 23,5 - 34,5 - 45,5 - 56,5 mm  
(With End Plate)

Cat No:

395 220

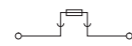


Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section		Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	750	76	16 mm <sup>2</sup>	750	76	16 mm <sup>2</sup>		750	76	16 mm <sup>2</sup>
UL										
VDE (IEC 60947-7-1)										
CSA										
ATEX										
Connection Data										
Conductor cross section solid (min.-max.)	2,5-0,5 mm <sup>2</sup>			2,5-0,5 mm <sup>2</sup>				2,5-0,5 mm <sup>2</sup>		
Conductor cross section stranded (min.-max.)	25-16 mm <sup>2</sup>			25-16 mm <sup>2</sup>				25-16 mm <sup>2</sup>		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min.-max.)	1,5-0,5/10-6 mm <sup>2</sup>			1,5-0,5/10-6 mm <sup>2</sup>				1,5-0,5/10-6 mm <sup>2</sup>		
AWG Conductor	AWG 14/20-4/6			AWG 14/20-4/6				AWG 14/20-4/6		
Insulation Stripping Length (min.-max.)	14/8-16/10 mm			14/8-16/10 mm				14/8-16/10 mm		
Torque (min.-max.)	1,2/1,2-2,0/1,8 Nm			1,2/1,2-2,0/1,8 Nm				1,2/1,2-2,0/1,8 Nm		
Screwdriver	IKT 4 (0,8x4,0)			IKT 4 (0,8x4,0)				IKT 4 (0,8x4,0)		
Ordering Data								<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
								AYK 10/16 - 2	395 220	20
								AYK 10/16 - 3	395 230	20
								AYK 10/16 - 4	395 240	20
								AYK 10/16 - 5	395 250	20
End Plate	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>		<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	NPP/AYK	450 090	10	NPP/AYK	450 090	10		NPP/AYK	450 090	10
Technical Data										
Rated Impulse Voltage / Pollution severity	8/3			8/3				8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/B6			1/B6				1/B6		
Protection class / Protection conductor type	IP 20 / -			IP 20 / -				IP 20 / -		
Marking Tags (Dekafix)										
See pages 326-333 for a list of Dekafix	D_NS 5x6, DB 5, DG 6/5,			D_NS 5x6, DB 5, DG 6/5,				D_NS 5x6, DB 5, DG 6/5,		
Package Quantity	20 pcs.			20 pcs.				20 pcs.		

# Screw Type Fuse Terminals

## ASK 2 S

Width: 8 mm



45,00  
MP 35 x 7,5

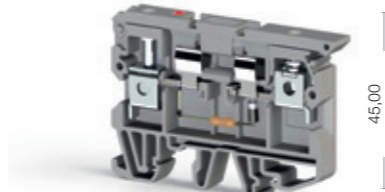
64,20

Cat No:

- 351 109
- 351 100

## ASK 2 LD

Width: 8 mm



45,00  
MP 35 x 7,5

64,20

Cat No:

- 351 219
- 351 210

## ASK 3 M

Width: 6,2 mm



72,50  
MP 35 x 7,5

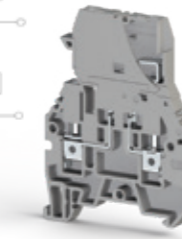
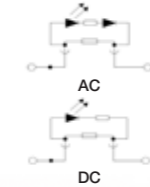
54,10

Cat No:

- 355 109
- 355 100

## ASK 3 MLD

Width: 6,2 mm



75,50  
MP 35 x 7,5

54,10

Cat No:

- 355 219
- 355 210



Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-3)	500	6,3	6 mm <sup>2</sup>
UL	300	6,3	AWG 26-8
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Connection Data	Conductor cross section solid (min.-max.)	Conductor cross section stranded (min.-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min.-max.)	AWG Conductor	Insulation Stripping Length (min.-max.)	Torque (min.-max.)	Screwdriver
	0,2-10 mm <sup>2</sup>	0,2-10 mm <sup>2</sup>	0,5-4 mm <sup>2</sup>	AWG 24-8	10-12 mm	0,8-1,2 Nm	IKT 3 (0,6x3,5)

Ordering Data	Type	Cat.No.	Qty.
	ASK 2 LD (24 AC)	351 219	25
	ASK 2 LD (24 DC)	351 229	25
	ASK 2 LD (48 AC)	351 319	25
	ASK 2 LD (48 DC)	351 329	25
	ASK 2 LD (110 AC)	351 519	25
	ASK 2 LD (110 DC)	351 529	25
	ASK 2 LD (220 AC)	351 619	25
	ASK 2 LD (220 DC)	351 629	25

End Plate	Type	Cat.No.	Qty.
	NPP/ASK 2	450 049	25

Push-in Cross Connection	Type	Cat.No.	Qty.
	UK 4/2	476 232	25
	UK 4/3	476 233	20
	UK 4/4	476 234	15

Technical Data	Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type	Fuse / Fuse Type	Marking Tags (Dekafix)
	6/3	1/B5	IP 20 / -	G/5x20-5x25	DB 10/4

Package Quantity	Quantity
	50 pcs.

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-3)	500	6,3	6 mm <sup>2</sup>
UL	300	6,3	AWG 26-8
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Connection Data	Conductor cross section solid (min.-max.)	Conductor cross section stranded (min.-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min.-max.)	AWG Conductor	Insulation Stripping Length (min.-max.)	Torque (min.-max.)	Screwdriver
	0,2-10 mm <sup>2</sup>	0,2-10 mm <sup>2</sup>	0,5-4 mm <sup>2</sup>	AWG 24-8	10-12 mm	0,8-1,2 Nm	IKT 3 (0,6x3,5)

Ordering Data	Type	Cat.No.	Qty.
	ASK 2 LD (24 AC)	351 219	25
	ASK 2 LD (24 DC)	351 229	25
	ASK 2 LD (48 AC)	351 319	25
	ASK 2 LD (48 DC)	351 329	25
	ASK 2 LD (110 AC)	351 519	25
	ASK 2 LD (110 DC)	351 529	25
	ASK 2 LD (220 AC)	351 619	25
	ASK 2 LD (220 DC)	351 629	25

End Plate	Type	Cat.No.	Qty.
	NPP/ASK 2	450 049	25

Push-in Cross Connection	Type	Cat.No.	Qty.
	UK 4/2	476 232	25
	UK 4/3	476 233	20
	UK 4/4	476 234	15

Technical Data	Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type	Fuse / Fuse Type	Marking Tags (Dekafix)
	6/3	1/B5	IP 20 / -	G/5x20-5x25	DB 5

Package Quantity	Quantity
	25 pcs.

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-3)	500	10	4 mm <sup>2</sup>
UL	600	10	AWG 26-10
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Connection Data	Conductor cross section solid (min.-max.)	Conductor cross section stranded (min.-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min.-max.)	AWG Conductor	Insulation Stripping Length (min.-max.)	Torque (min.-max.)	Screwdriver
	0,2-6 mm <sup>2</sup>	0,2-6 mm <sup>2</sup>	0,5-2,5 mm <sup>2</sup>	AWG 24-10	9-10 mm	0,5-0,8 Nm	IKT 3 (0,6x3,5)

Ordering Data	Type	Cat.No.	Qty.
	ASK 3 MLD (24 AC)	355 219	30
	ASK 3 MLD (24 DC)	355 229	30
	ASK 3 MLD (48 AC)	355 319	30
	ASK 3 MLD (48 DC)	355 329	30
	ASK 3 MLD (110 AC)	355 519	30
	ASK 3 MLD (110 DC)	355 529	30
	ASK 3 MLD (220 AC)	355 619	30
	ASK 3 MLD (220 DC)	355 629	30

End Plate	Type	Cat.No.	Qty.
	NPP/ASK 3	450 059	10

Push-in Cross Connection	Type	Cat.No.	Qty.
	UK 4/2	476 232	25
	UK 4/3	476 233	20
	UK 4/4	476 234	15

Technical Data	Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type	Fuse / Fuse Type	Marking Tags (Dekafix)
	6/3	1/A4	IP 20 / -	G/5x20-5x25	DB 5, DB 10/6

Package Quantity	Quantity
	30 pcs.

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-3)	500	10	4 mm <sup>2</sup>
UL	600	10	AWG 26-10
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Connection Data	Conductor cross section solid (min.-max.)	Conductor cross section stranded (min.-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min.-max.)	AWG Conductor	Insulation Stripping Length (min.-max.)	Torque (min.-max.)	Screwdriver
	0,2-6 mm <sup>2</sup>	0,2-6 mm <sup>2</sup>	0,5-2,5 mm <sup>2</sup>	AWG 24-10	9-10 mm	0,5-0,8 Nm	IKT 3 (0,6x3,5)

Ordering Data	Type	Cat.No.	Qty.
	ASK 3 MLD (24 AC)	355 219	30
	ASK 3 MLD (24 DC)	355 229	30
	ASK 3 MLD (48 AC)	355 319	30
	ASK 3 MLD (48 DC)	355 329	30
	ASK 3 MLD (110 AC)	355 519	30
	ASK 3 MLD (110 DC)	355 529	30
	ASK 3 MLD (220 AC)	355 619	30
	ASK 3 MLD (220 DC)	355 629	30

End Plate	Type	Cat.No.	Qty.
	NPP/ASK 3	450 059	10

Push-in Cross Connection	Type	Cat.No.	Qty.
	UK 4/2	476 232	25
	UK 4/3	476 233	20
	UK 4/4	476 234	15

Technical Data	Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type	Fuse / Fuse Type	Marking Tags (Dekafix)
	6/3	1/A4	IP 20 / -	G/5x20-5x25	DB 5, DB 10/6

Package Quantity	Quantity
	30 pcs.

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-3)	500	10	4 mm <sup>2</sup>
UL	600	10	AWG 26-10
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Connection Data	Conductor cross section solid (min.-max.)	Conductor cross section stranded (min.-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min.-max.)	AWG Conductor	Insulation Stripping Length (min.-max.)	Torque (min.-max.)	Screwdriver
	0,2-6 mm <sup>2</sup>	0,2-6 mm <sup>2</sup>	0,5-2,5 mm <sup>2</sup>	AWG 24-10	9-10 mm	0,5-0,8 Nm	IKT 3 (0,6x3,5)

Ordering Data	Type	Cat.No.	Qty.
	ASK 3 MLD (24 AC)	355 219	30
	ASK 3 MLD (24 DC)	355 229	30
	ASK 3 MLD (48 AC)	355 319	30
	ASK 3 MLD (48 DC)	355 329	30
	ASK 3 MLD (110 AC)	355 519	30
	ASK 3 MLD (110 DC)	355 529	30
	ASK 3 MLD (220 AC)	355 619	30
	ASK 3 MLD (220 DC)	355 629	30

End Plate	Type	Cat.No.	Qty.
	NPP/ASK 3	450 059	10

Push-in Cross Connection	Type	Cat.No.	Qty.
	UK 4/2	476 232	25
	UK 4/3	476 233	20
	UK 4/4	476 234	15

Technical Data	Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type	Fuse / Fuse Type	Marking Tags (Dekafix)
	6/3	1/A4	IP 20 / -	G/5x20-5x25	DB 5, DB 10/6

Package Quantity	Quantity
	30 pcs.

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-3)	500	10	4 mm <sup>2</sup>
UL	600	10	AWG 26-10
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Connection Data	Conductor cross section solid (min.-max.)	Conductor cross section stranded (min.-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min.-max.)	AWG Conductor	Insulation Stripping Length (min.-max.)	Torque (min.-max.)	Screwdriver
	0,2-6 mm <sup>2</sup>	0,2-6 mm <sup>2</sup>	0,5-2,5 mm <sup>2</sup>	AWG 24-10	9-10 mm	0,5-0,8 Nm	IKT 3 (0,6x3,5)

Ordering Data	Type	Cat.No.	Qty.
	ASK 3 MLD (24 AC)	355 219	30
	ASK 3 MLD (24 DC)	355 229	30
	ASK 3 MLD (48 AC)	355 319	30
	ASK 3 MLD (48 DC)	355 329	30
	ASK 3 MLD (110 AC)	355 519	30
	ASK 3 MLD (110 DC)	355 529	30
	ASK 3 MLD (220 AC)	355 619	30
	ASK 3 MLD (220 DC)	355 629	30

End Plate	Type	Cat.No.	Qty.
	NPP/ASK 3	450 059	10

Push-in Cross Connection	Type	Cat.No.	Qty.
	UK 4/2	476 232	25
	UK 4/3	476 233	20
	UK 4/4	476 234	15

Technical Data	Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type	Fuse / Fuse Type	Marking Tags (Dekafix)
	6/3	1/A4	IP 20 / -	G/5x20-5x25	DB 5, DB 10/6

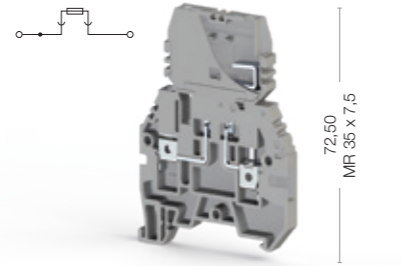
  

Package Quantity	Quantity
	30 pcs.

# Screw Type Fuse Terminals

## ASK 3 F

Width: 6,2 mm



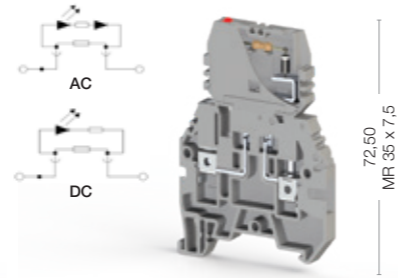
54,10

Cat No:

- 354 109
- 354 100

## ASK 3 FLD

Width: 6,2 mm



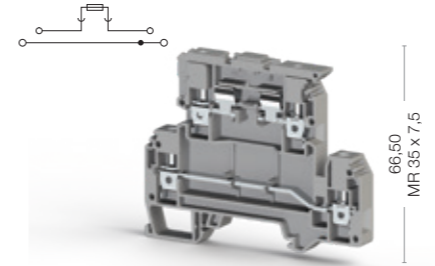
54,10

Cat No:

- 354 219
- 354 210

## AVK 4 FS

Width: 8 mm



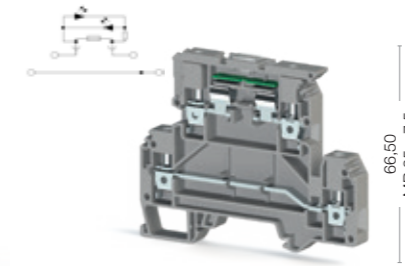
82,50

Cat No:

- 353 309
- 353 300

## AVK 4 FSLD

Width: 8 mm



82,50

Cat No:

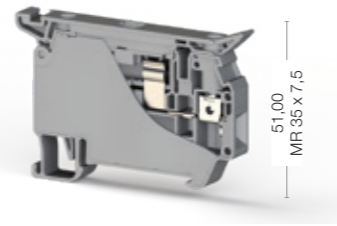
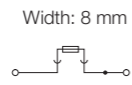
- 353 329
- 353 320



Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-3)	500	10	4 mm <sup>2</sup>		10	4 mm <sup>2</sup>		32	4 mm <sup>2</sup>	24	32	4 mm <sup>2</sup>
UL	600	10	AWG 26-10		10	AWG 26-10		6,3/30	AWG 26-10	300	6,3/30	AWG 26-10
VDE (IEC 60947-7-1)												
CSA												
ATEX												
Connection Data												
Conductor cross section solid (min.-max.)	0,2-6 mm <sup>2</sup>			0,2-6 mm <sup>2</sup>			0,2-6 mm <sup>2</sup>			0,2-6 mm <sup>2</sup>		
Conductor cross section stranded (min.-max.)	0,2-6 mm <sup>2</sup>			0,2-6 mm <sup>2</sup>			0,2-6 mm <sup>2</sup>			0,2-6 mm <sup>2</sup>		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min.-max.)	0,5-2,5 mm <sup>2</sup>			0,5-2,5 mm <sup>2</sup>			0,5-2,5 mm <sup>2</sup>			0,5-2,5 mm <sup>2</sup>		
AWG Conductor	AWG 24-10			AWG 24-10			AWG 24-10			AWG 24-10		
Insulation Stripping Length (min.-max.)	9-10 mm			9-10 mm			8-9 mm			8-9 mm		
Torque (min.-max.)	0,5-0,8 Nm			0,5-0,8 Nm			0,5-1,0 Nm			0,5-1,0 Nm		
Screwdriver	IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)		
Ordering Data				Type	Cat.No.	Qty.				Type	Cat.No.	Qty.
				ASK 3 FLD (24 AC)	354 219	30				AVK 4 FSLD (110V AC/DC)	353 349	50
				ASK 3 FLD (24 DC)	354 229	30				AVK 4 FSLD (24V AC/DC)	353 329	50
				ASK 3 FLD (48 AC)	354 319	30				AVK 4 FSLD (220V AC/DC)	353 359	50
				ASK 3 FLD (48 DC)	354 329	30						
				ASK 3 FLD (110 AC)	354 519	30						
				ASK 3 FLD (110 DC)	354 529	30						
				ASK 3 FLD (220 AC)	354 619	30						
				ASK 3 FLD (220 DC)	354 629	30						
End Plate	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.
	NPP/ASK 3	450 059	10	NPP/ASK 3	450 059	10	NPP/AVK 4 FS	450 209	10	NPP/AVK 4FS	450 209	10
Push-in Cross Connection	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.
	UK 4/2	476 232	25	UK 4/2	476 232	25	UK 6/2	476 242	25	UK 6/2	476 242	25
	UK 4/3	476 233	20	UK 4/3	476 233	20	UK 6/3	476 243	20	UK 6/3	476 243	20
	UK 4/4	476 234	15	UK 4/4	476 234	15	UK 6/4	476 244	15	UK 6/4	476 244	15
							UK 6/10	476 249	5	UK 6/10	476 249	5
Technical Data												
Rated Impulse Voltage / Pollution severity	6/3			6/3			6/3			6/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A4			1/A4			1/A4			1/A4		
Protection class / Protection conductor type	IP 20 / -			IP 20 / -			IP 20 / -			IP 20 / -		
Fuse / Fuse Type	G/5x20-5x25			G/5x20-5x25			G/5x20-5x25			G/5x20-5x25		
Marking Tags (Dekafix)												
See pages 326-333 for a list of Dekafix	DB 5, DB 10/6			DB 5, DB 10/6			D_NS 5x6, DB 5, DG 6/5			D-NS 5x10, DG 6/5, DB 5		
Package Quantity	30 pcs.			30 pcs.			50 pcs.			50 pcs.		

# Screw Type Fuse Terminals

## ASK 5

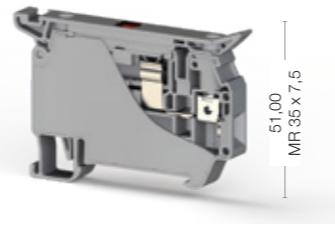


69,60

Cat No:

- 353 409
- 353 400

## ASK 5 LD



69,60

Cat No:

- 353 429
- 353 420



Electrical Ratings
CE (EN 60947-7-3)
UL
VDE (IEC 60947-7-1)
CSA
ATEX

Connection Data
Conductor cross section solid (min.-max.)
Conductor cross section stranded (min.-max.)
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min.-max.)
AWG Conductor
Insulation Stripping Length (min.-max.)
Torque (min.-max.)
Screwdriver

Ordering Data



Technical Data
Rated Impulse Voltage / Pollution severity
Insulation material group / Gauge pin code according to IEC 60947-1
Protection class / Protection conductor type
Fuse / Fuse Type
Marking Tags (Dekafix)
See pages 326-333 for a list of Dekafix

Package Quantity
50 pcs.

Voltage, V ~	Current, A	Cross-Section
500	10	4 mm <sup>2</sup>
300	10	AWG 26-10

0,2-6 mm <sup>2</sup>
0,2-6 mm <sup>2</sup>
0,5-2,5 mm <sup>2</sup>
AWG 24-10
8-9 mm
0,5-0,8 Nm
IKT 3 (0,6x3,5)

Type	Cat.No.	Qty.
ASK 5 LD 24V AC/DC	353 429	50
ASK 5 LD 110V AC/DC	353 449	50
ASK 5 LD 220V AC/DC	353 439	50

Type	Cat.No.	Qty.
UK 6/2	476 242	25
UK 6/3	476 243	20
UK 6/4	476 244	15
UK 6/10	476 249	5

6/3
1/A4
IP 20 / -
G/5x20-5x25
D_NS 8x10, DG 10/8

50 pcs.
---------

Voltage, V ~	Current, A	Cross-Section
	10	4 mm <sup>2</sup>
	10	AWG 26-10

0,2-6 mm <sup>2</sup>
0,2-6 mm <sup>2</sup>
0,5-2,5 mm <sup>2</sup>
AWG 24-10
8-9 mm
0,5-0,8 Nm
IKT 3 (0,6x3,5)

Type	Cat.No.	Qty.
ASK 5 LD 24V AC/DC	353 429	50
ASK 5 LD 110V AC/DC	353 449	50
ASK 5 LD 220V AC/DC	353 439	50

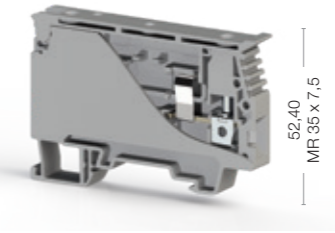
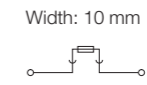
Type	Cat.No.	Qty.
UK 6/2	476 242	25
UK 6/3	476 243	20
UK 6/4	476 244	15
UK 6/10	476 249	5

6/3
1/A4
IP 20 / -
G/5x20-5x25
D_NS 8x10, DG 10/8

50 pcs.
---------

# Fuse Terminals for American Standards

## ASK 4 S

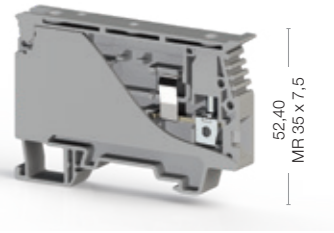
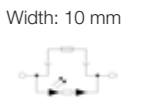


75,20

Cat No:

- 351 129
- 351 120

## ASK 4 LD



75,20

Cat No:

- 351 719
- 351 710



Electrical Ratings
CE (EN 60947-7-3)
UL
VDE (IEC 60947-7-1)
CSA
ATEX

Connection Data
Conductor cross section solid (min.-max.)
Conductor cross section stranded (min.-max.)
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min.-max.)
AWG Conductor
Insulation Stripping Length (min.-max.)
Torque
Screwdriver

Ordering Data

Technical Data
Rated Impulse Voltage / Pollution severity
Insulation material group / Gauge pin code according to IEC 60947-1
Protection class / Protection conductor type
Fuse / Fuse Type
Marking Tags (Dekafix)
See pages 326-333 for a list of Dekafix

Package Quantity
20 pcs.

Voltage, V ~	Current, A	Cross-Section
750	6,3	6 mm <sup>2</sup>
600	6,3	AWG 22-8

0,34-10 mm <sup>2</sup>
0,34-10 mm <sup>2</sup>
0,5-4 mm <sup>2</sup>
AWG 22-8
9-10 mm
0,5-0,8 Nm
IKT 3 (0,6x3,5)

Type	Cat.No.	Qty.
ASK 4 LD (24 AC)	351 719	20
ASK 4 LD (24 DC)	351 729	20
ASK 4 LD (48 AC)	351 739	20
ASK 4 LD (48 DC)	351 749	20
ASK 4 LD (110 AC)	351 759	20
ASK 4 LD (110 DC)	351 769	20
ASK 4 LD (220 AC)	351 779	20
ASK 4 LD (220 DC)	351 789	20

6/3
1/B5
IP 20 / -
63,5x31,75
D_NS 8x10, DG 10/8

20 pcs.
---------

Voltage, V ~	Current, A	Cross-Section
	6,3	6 mm <sup>2</sup>
	6,3	AWG 22-8

0,34-10 mm <sup>2</sup>
0,34-10 mm <sup>2</sup>
0,5-4 mm <sup>2</sup>
AWG 22-8
9-10 mm
0,5-0,8 Nm
IKT 3 (0,6x3,5)

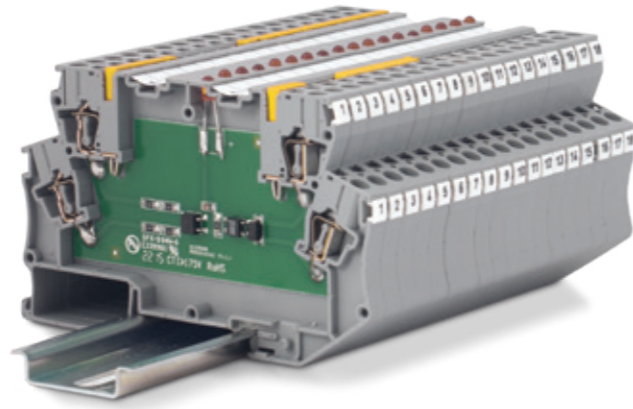
Type	Cat.No.	Qty.
ASK 4 LD (24 AC)	351 719	20
ASK 4 LD (24 DC)	351 729	20
ASK 4 LD (48 AC)	351 739	20
ASK 4 LD (48 DC)	351 749	20
ASK 4 LD (110 AC)	351 759	20
ASK 4 LD (110 DC)	351 769	20
ASK 4 LD (220 AC)	351 779	20
ASK 4 LD (220 DC)	351 789	20

6/3
1/B5
IP 20 / -
63,5x31,75
D_NS 8x10, DG 10/8

20 pcs.
---------

# Double Level Electronic Terminals

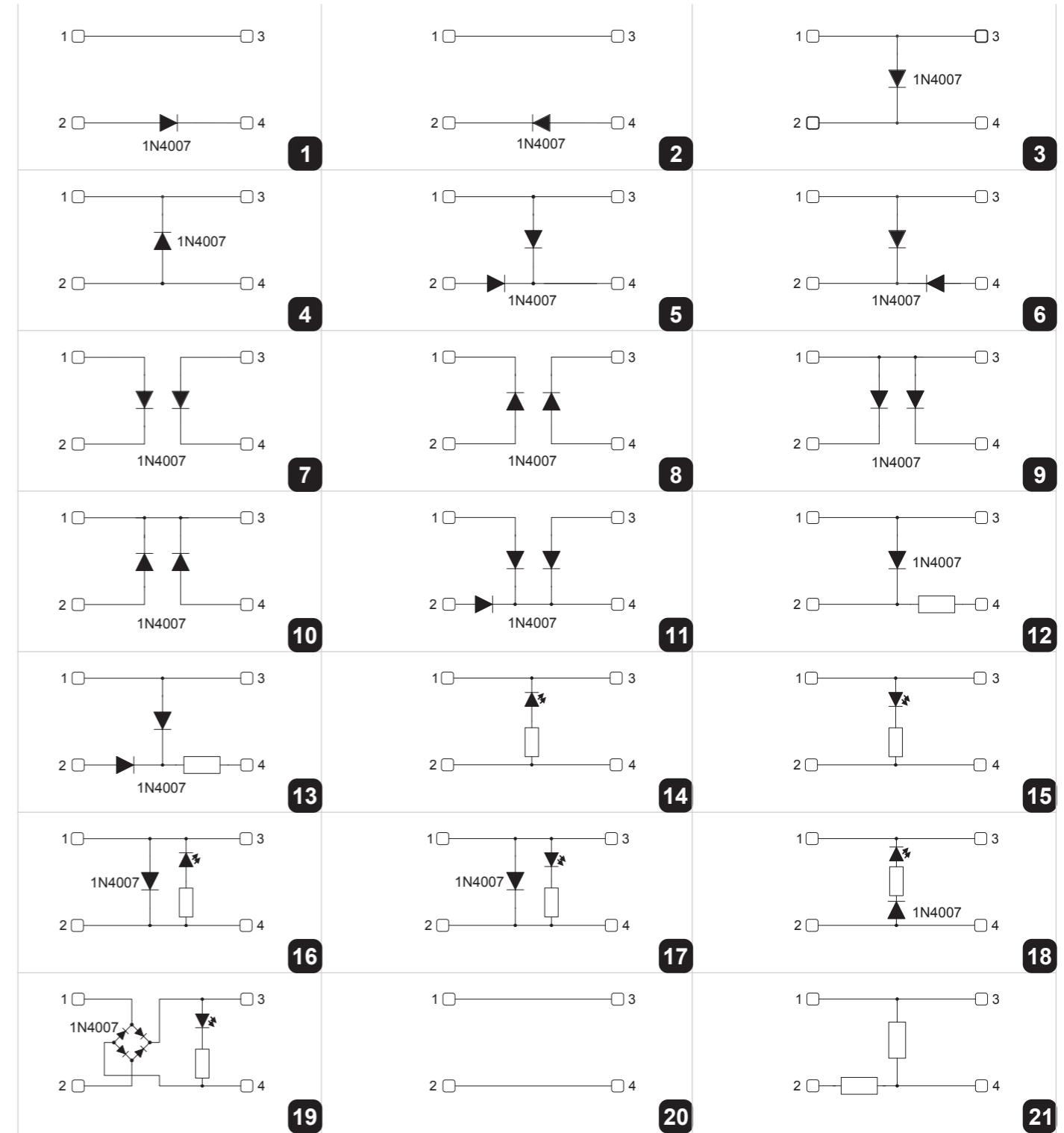
## WG - EKi



From reverse current protection to lamp test circuit, you can select among 20 ready to use circuits of WG EKI-N, or choose the empty one and apply your own circuit. There are many choices with different number of contacts and housing type suitable for your needs. Spring clamp connections speed up the cable installations whereas plug-in cross connectors provides easy and safe connection. New WG EKI-N series terminal blocks can be labeled by using plotter or thermal marking systems.

Electrical Ratings	
Terminal Current	10 A
Diode Voltage	1000 V
Diode Current	1 A
Connection Data	
Solid Strand, Screw Connection	0,8 - 4 mm <sup>2</sup>
Fine Strand, Screw Connection	0,8 - 2,5 mm <sup>2</sup>
AWG Conductor	AWG 28 - 12
Terminal Width	6,2 mm
Terminal Length	100,5 mm

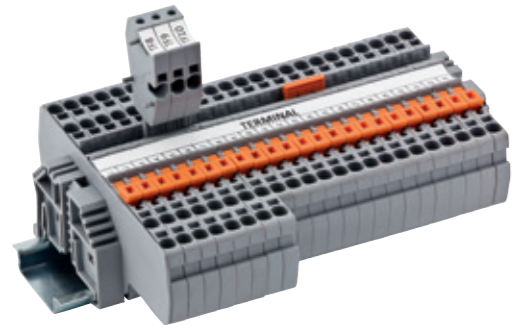
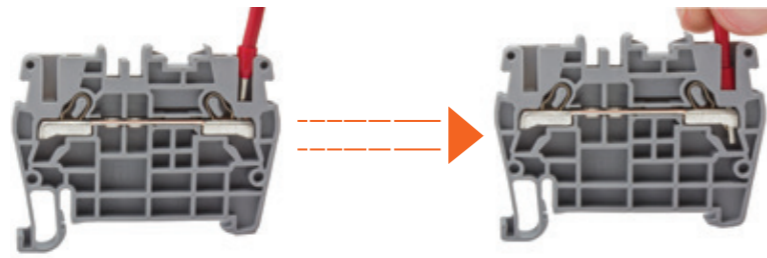
Sch. Cir. Dia.	Input Voltage	Circuit Type	Cat. No.
1	-	Reverse Current Protection	110 010N
2	-	Reverse Current Protection	110 020N
3	-	Reverse Current Protection	110 030N
4	-	Reverse Current Protection	110 040N
5	-	Lamp / Test Circuit	110 050N
6	-	Lamp / Test Circuit	110 060N
7	-	Reverse Current Protection	110 070N
8	-	Reverse Current Protection	110 080N
9	-	Lamp / Test Circuit	110 090N
10	-	Lamp / Test Circuit	110 100N
11	-	Lamp / Test Circuit	110 110N
12	24VAC/DC	Lamp / Test Circuit	110 120N
13	24VAC/DC	Lamp / Test Circuit	110 130N
14	24VDC	Voltage Indicator	110 140N
14	110VDC	Voltage Indicator	110 150N
14	220VDC	Voltage Indicator	110 160N
15	24VDC	Voltage Indicator	110 170N
15	110VDC	Voltage Indicator	110 180N
15	220VDC	Voltage Indicator	110 190N
16	24VDC	Voltage Indicator + Flyback Diode	110 200N
17	24VDC	Voltage Indicator + Flyback Diode	110 210N
18	24VAC/DC	Voltage Indicator	110 270N
18	48VAC/DC	Voltage Indicator	110 280N
18	110VAC/DC	Voltage Indicator	110 290N
18	220VAC/DC	Voltage Indicator	110 300N
19	24VAC/DC	Voltage Indicator + Rectifier	110 310N
19	110VAC/DC	Voltage Indicator + Rectifier	110 320N
19	220VAC/DC	Voltage Indicator + Rectifier	110 330N
20	-	Terminal with Cross Connection	110 380N
21	24VAC/DC	Voltage Divider	110 410N



Accessories and Components									
	End Plate	Plug-in Bridge 2 Holes	Plug-in Bridge 3 Holes	Plug-in Bridge 4 Holes	Plug-in Bridge 5 Holes	Plug-in Bridge 10 Holes	DG 6/5 Label	DB 5 Label	11.2 Strip Label
Cat. No.	450389	470112	470113	470114	470115	470119	505330	505850	1020100
Qty.	10	25	20	15	10	5	440	500	1

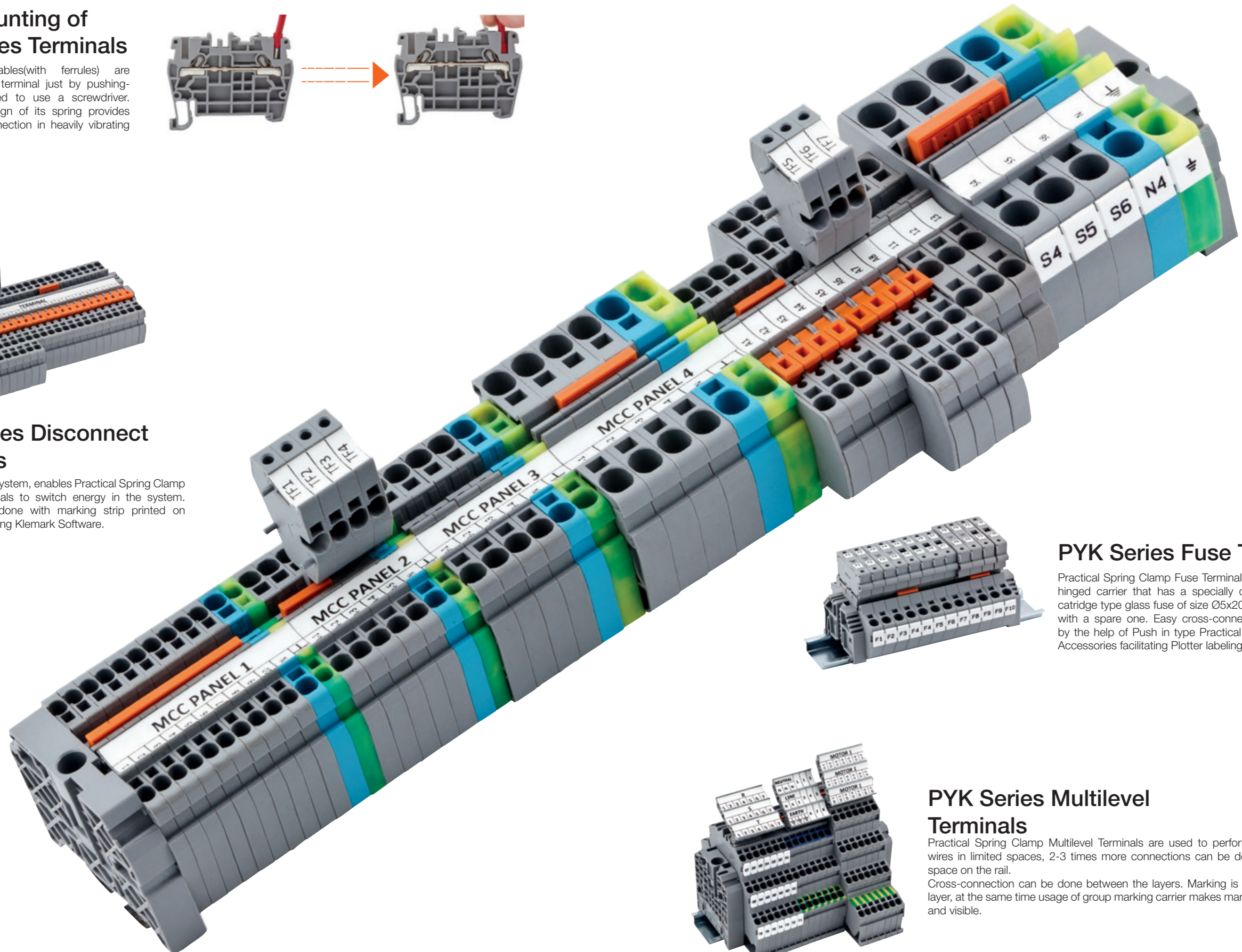
## Easy Mounting of PYK Series Terminals

Solid/stranded cables(with ferrules) are connected to the terminal just by pushing-in,without the need to use a screwdriver. The patented design of its spring provides fast and safe connection in heavily vibrating environments.



## PYK Series Disconnect Terminals

Knife Disconnect System, enables Practical Spring Clamp Disconnect Terminals to switch energy in the system. Marking can be done with marking strip printed on Thermal printer, using Klemark Software.



## PYK Series Fuse Terminals

Practical Spring Clamp Fuse Terminals has a sliding type hinged carrier that has a specially designed space for cartridge type glass fuse of size Ø5x20 or Ø5x25 together with a spare one. Easy cross-connection can be done by the help of Push in type Practical Cross Connection. Accessories facilitating Plotter labeling are available.



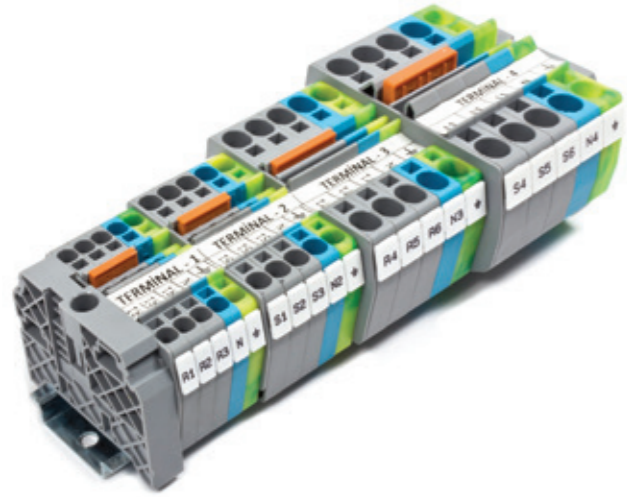
## PYK Series Multilevel Terminals

Practical Spring Clamp Multilevel Terminals are used to perform connection of wires in limited spaces, 2-3 times more connections can be done at the same space on the rail. Cross-connection can be done between the layers. Marking is possible at each layer, at the same time usage of group marking carrier makes marking even clearer and visible.

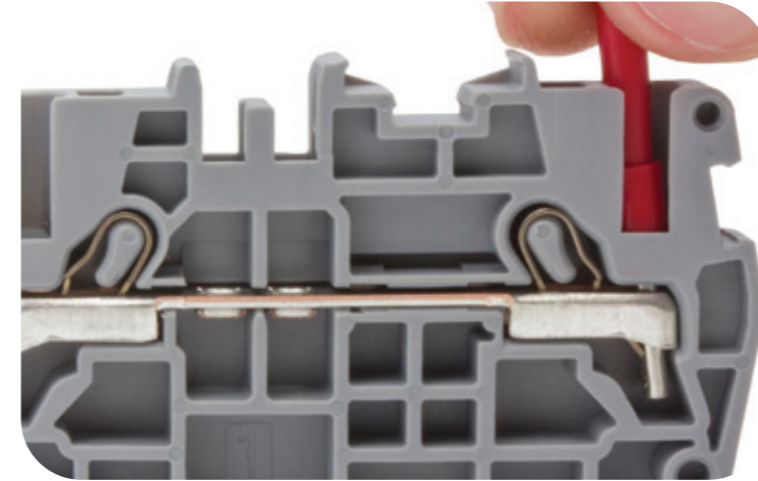
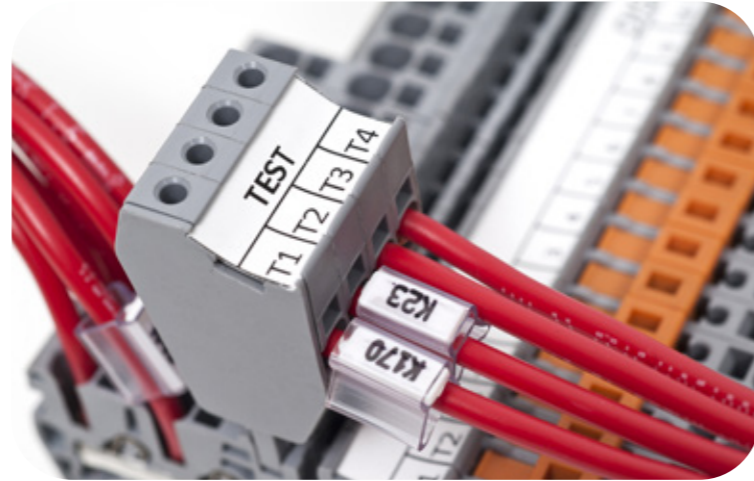




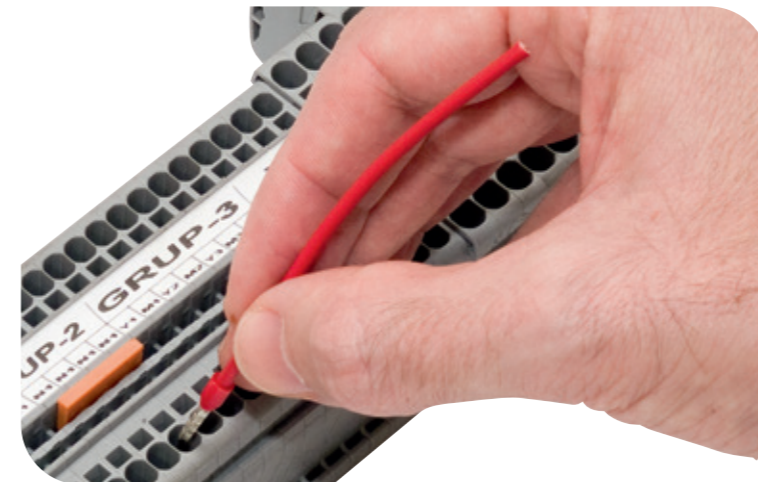
# PYK Series Terminals



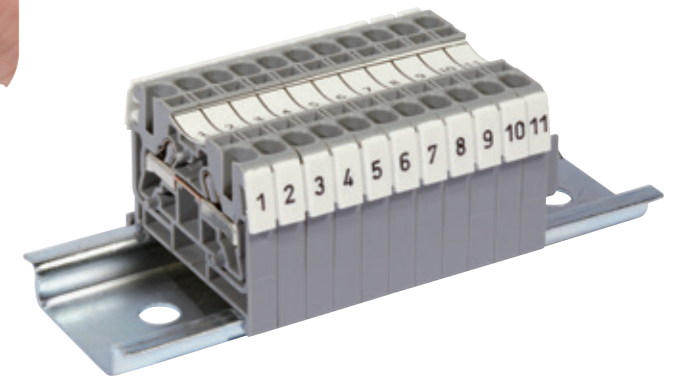
PYK Series Practical Spring Clamp Terminals provide 16 mm<sup>2</sup> cross-section range. Screwdriver is not necessary to install wire into the terminal block. Are suitable for usage with or without ferrules. So that to make connection, it is enough to push the cable into the terminal, PYK series provides more practical mounting. Terminals accessories like End Plates and Cross Connections, make the mounting process faster like in Test Terminals. Special Marking solutions for each cross section can be provided by Plotter labeling and with marking strip printed on Thermal printer, using Klemark Software. PYK Test Terminals, produced with the test and control aim, can be labeled with thermal marking strips and standard Dekafix markings.



PYK Series Earth Terminals provides 16 mm<sup>2</sup> cross-section range. Screwdriver is not necessary to mount the terminal block on the rail. Mounting is more time-saving and practical. Yellow-Green color of the insulation body provides easy identification out of other Terminals. Side-by-side mounting on DIN-Rail with feed-through terminals for same cross-sections is possible with good visual effect. Special Marking solutions for each cross section can be provided by Plotter labeling and with marking strip printed on Thermal printer, using Klemark Software.



PYKM Series Practical spring clamp mini Terminals, mounted on MR 15\*5,5 rail, provide both feed-through and Earth terminals. These terminals can be connected to each other when mounted on the din rail and have safe connection. Practical Spring Clamp mini Terminals enable fast solutions on narrow spaces. Marking solutions are available with Thermal Printer labeling and Plotter labeling.

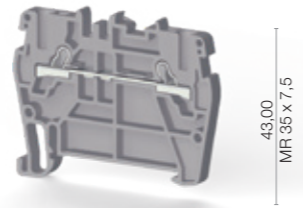


PYKMR Series Practical spring clamp mini Terminals, can be mounted on MR 35 rail, provide both feed-through and Earth terminals. These terminals can be connected to each other when mounted on the din rail and have safe connection. Practical Spring Clamp mini Terminals enable fast solutions on narrow spaces. Marking solutions are available with Thermal Printer labeling and Plotter labeling.

# Practical Spring Clamp Terminals

## PYK 1,5

Width: 4,2 mm



53,30

Cat No:

- 307 009
- 307 000

## PYK 1,5 M

Width: 4,2 mm



52,00

Cat No:

- 307 019
- 307 010

## PYK 2,5

Width: 5 mm



53,40

Cat No:

- 307 109RP
- 307 100RP

## PYK 4

Width: 6 mm



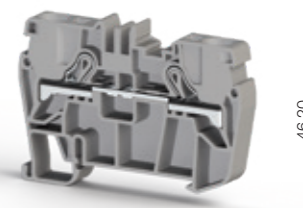
55,90

Cat No:

- 307 119RP
- 307 110RP

## PYK 6

Width: 8 mm



65,60

Cat No:

- 307 129
- 307 120



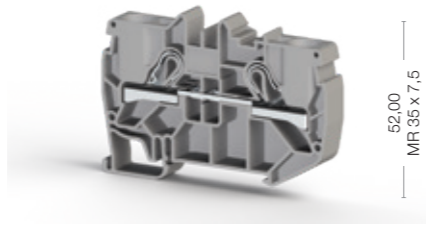
Electrical Ratings	PYK 1,5			PYK 1,5 M			PYK 2,5			PYK 4			PYK 6		
	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	800	17,5	1,5 mm <sup>2</sup>	800	17,5	1,5 mm <sup>2</sup>				800	32	4 mm <sup>2</sup>	800	41	6 mm <sup>2</sup>
UL															
VDE (IEC 60947-7-1)															
CSA															
ATEX				500	15										
<b>Connection Data</b>															
Conductor cross section solid (min.-max.)	0,34-2,5 mm <sup>2</sup>			0,34-2,5 mm <sup>2</sup>			0,34-4 mm <sup>2</sup>			0,34-6 mm <sup>2</sup>			0,5-10 mm <sup>2</sup>		
Conductor cross section stranded (min.-max.)	0,34-1,5 mm <sup>2</sup>			0,34-1,5 mm <sup>2</sup>			0,34-2,5 mm <sup>2</sup>			0,25-4 mm <sup>2</sup>			0,5-6 mm <sup>2</sup>		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm <sup>2</sup>			0,5 mm <sup>2</sup>			0,5 mm <sup>2</sup>			1,0 mm <sup>2</sup>			1,5 mm <sup>2</sup>		
AWG Conductor	AWG 22-14			AWG 22-14			AWG 22-12			AWG 22-10			AWG 20-8		
Insulation Stripping Length (min.-max.)	9-10 mm			9-10 mm			9-10 mm			9-10 mm			11-13 mm		
Screwdriver	KT 1 (0,4x2,5)			KT 1 (0,4x2,5)			KT 1 (0,4x2,5)			KT 2 (0,5x3,0)			KT 3 (0,6x3,5)		
<b>End Plate</b>	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	NPP/PYK 1,5	446 449	100	NPP/PYK 1,5 M	446 639	100	NPP PYK 2,5	446 449	100	NPP/PYK 4	446 459	100	NPP/PYK 6	446 469	50
<b>Partition Plate</b>	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	APP PYK 1,5 M	463 180	25	APP PYK 1,5 M	463 180	25	APP/PYK 1,5-2,5-4	463 180	25	APP PYK 4	463 180	25	APP PYK 6	463 190	25
<b>Push-in Cross Connection</b>	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	UK 1,5/2	476 602	25	UK 1,5/2	476 602	25	UK 2,5/2	476 222	25	UK 4/2	476 232	25	UK 6/2	476 242	25
	UK 1,5/3	476 603	20	UK 1,5/3	476 603	20	UK 2,5/3	476 223	20	UK 4/3	476 233	20	UK 6/3	476 243	20
	UK 1,5/4	476 604	15	UK 1,5/4	476 604	15	UK 2,5/4	476 224	15	UK 4/4	476 234	15	UK 6/4	476 244	15
	UK 1,5/10	476 609	5	UK 1,5/10	476 609	5	UK 2,5/10	476 229	5	UK 4/10	476 239	5	UK 6/10	476 249	5
<b>Technical Data</b>															
Rated Impulse Voltage / Pollution severity	8/3			8/3			8/3			8/3			8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A1-B1			1/A1-B1			1/A3			1/A4			1/A5		
Protection class / Protection conductor type	IP 20 / -			IP 20 / -			IP 20 / -			IP 20 / -			IP 20 / -		
<b>Marking Tags (Dekafix)</b>															
See pages 326-333 for a list of Dekafix	SLF-P1 W, DB 10/4, SLF-P2 W, D-NS 4,2x6			SLF-P1 W, DB 10/4, SLF-P2 W, D-NS 4,2x6			D_NS 5x10, SLF-P2 W, DB 10/5, DG 10/5			*D_NS 6x10, SLF-P2 W, DB 10/6, DG 10/6, DG 10/6T, SLF-P1 W			D_NS 8x10, SLF-P2 W, DG 10/8, SLF-P1 W		
<b>Package Quantity</b>	80 pcs.			100 pcs.			100 pcs.			80 pcs.			60 pcs.		

Color							
Color code is the last digit of the order number							
Blue	Green	Yellow	Red	Black	White	Orange	Brown
1	2	3	4	5	6	7	8

# Practical Spring Clamp Terminals

## PYK 10

Width: 10 mm

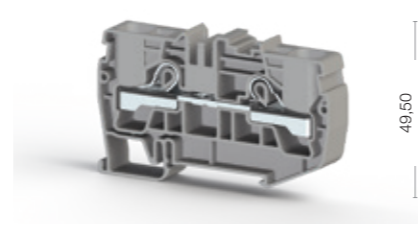


52,00  
MR 35 x 7,5

75,40

## PYK 16

Width: 12 mm



49,50  
MR 35 x 7,5

81,45

Cat No:

307 139  
307 130

Cat No:

307 659  
307 650



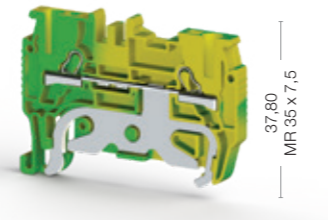
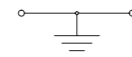
Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	800	57	10 mm <sup>2</sup>	1000	76	16 mm <sup>2</sup>
UL	600	55	AWG 20-6			
VDE (IEC 60947-7-1)						
CSA						
ATEX	800	50				
Connection Data						
Conductor cross section solid (min.-max.)	0,5-16 mm <sup>2</sup>			0,5-25 mm <sup>2</sup>		
Conductor cross section stranded (min.-max.)	0,5-10 mm <sup>2</sup>			0,5-16 mm <sup>2</sup>		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	4 mm <sup>2</sup>			4 mm <sup>2</sup>		
AWG Conductor	AWG 20-6			AWG 20-4		
Insulation Stripping Length (min.-max.)	13-15 mm			16-18 mm		
Screwdriver	KT 4 (0,8x4,0)			KT 4 (0,8x4,0)		
End Plate						
	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	NPP/PYK 10	446 479	50	NPP/PYK 16	450 419	25
Partition Plate						
	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>			
	APP PYK 10	463 200	25			
Push-in Cross Connection						
	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	UK 10/2	476 252	25	UK 16/2	470 142	25
	UK 10/3	476 253	20	UK 16/3	470 143	20
	UK 10/4	476 254	15	UK 16/4	470 144	15
	UK 10/10	476 259	5	UK 16/5	470 145	10
Technical Data						
Rated Impulse Voltage / Pollution severity	8/3			8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/B6			1/B7		
Protection class / Protection conductor type	IP 20 / -			IP 20 / -		
Marking Tags (Dekafix)						
See pages 326-333 for a list of Dekafix	D_NS 10x10, SLF-P2 W, DG 10/10, SLF-P1 W			D_NS 12x10, DG 10/10, SLF-P1 W		
Package Quantity	50 pcs.			30 pcs.		

Color							
Color code is the last digit of the order number							
Blue	Green	Yellow	Red	Black	White	Orange	Brown
1	2	3	4	5	6	7	8

# Practical Spring Clamp Earth Terminals

## PYK 1,5 MT

Width: 4,2 mm



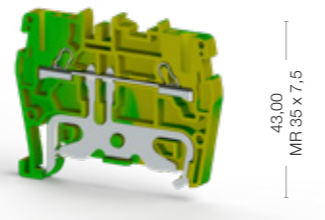
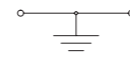
52,00

Cat No:

336 440

## PYK 1,5 T

Width: 4,2 mm



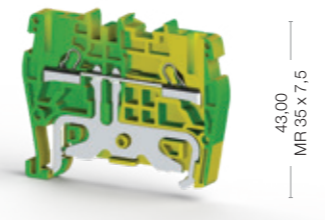
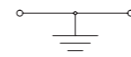
53,30

Cat No:

336 490

## PYK 2,5 T

Width: 5 mm



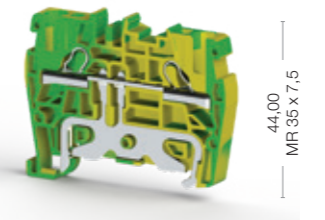
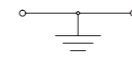
53,40

Cat No:

336 500

## PYK 4 T

Width: 6 mm



55,90

Cat No:

336 510



Electrical Ratings
CE (EN 60947-7-2)
UL
VDE (IEC 60947-7-2)
CSA
ATEX

Connection Data	
Conductor cross section solid (min.-max.)	0,34-2,5 mm <sup>2</sup>
Conductor cross section stranded (min.-max.)	0,34-1,5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm <sup>2</sup>
AWG Conductor	AWG 22-14
Insulation Stripping Length (min.-max.)	9-10 mm
Screwdriver	KT 1 (0,4x2,5)

End Plate


Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A1-B1
Protection class / Protection conductor type	IP 20 / PE
Marking Tags (Dekafix)	
See pages 326-333 for a list of Dekafix	D_NS 4,2x6, DB 6/4, SLF-P1 W

Package Quantity
100 pcs.

Voltage, V ~	Current, A	Cross-Section
		1,5 mm <sup>2</sup>

Type	Cat.No.	Qty.
NPP/PYK 1,5 MT	446 632 T	100

Voltage, V ~	Current, A	Cross-Section
		1,5 mm <sup>2</sup>

Type	Cat.No.	Qty.
NPP/PYK 1,5 T	446 442 T	10

Voltage, V ~	Current, A	Cross-Section
		1,5 mm <sup>2</sup>

Type	Cat.No.	Qty.
NPP/PYK 2,5 T	446 442 T	10

Voltage, V ~	Current, A	Cross-Section
		2,5 mm <sup>2</sup>
		AWG 22-12
		2,5 mm <sup>2</sup>
800		

Type	Cat.No.	Qty.
NPP/PYK 2,5 T	446 442 T	10

Voltage, V ~	Current, A	Cross-Section
		4 mm <sup>2</sup>
		AWG 22-10
		4 mm <sup>2</sup>
800		

Type	Cat.No.	Qty.
NPP/PYK 4 T	446 452 T	10

Voltage, V ~	Current, A	Cross-Section
		2,5 mm <sup>2</sup>
		AWG 22-12
		2,5 mm <sup>2</sup>
800		

Type	Cat.No.	Qty.
NPP/PYK 4 T	446 452 T	10

Voltage, V ~	Current, A	Cross-Section
		4 mm <sup>2</sup>
		AWG 22-10
		4 mm <sup>2</sup>
800		

Type	Cat.No.	Qty.
NPP/PYK 4 T	446 452 T	10

Voltage, V ~	Current, A	Cross-Section
		4 mm <sup>2</sup>
		AWG 22-10
		4 mm <sup>2</sup>
800		

Type	Cat.No.	Qty.
NPP/PYK 4 T	446 452 T	10

Voltage, V ~	Current, A	Cross-Section
		4 mm <sup>2</sup>
		AWG 22-10
		4 mm <sup>2</sup>
800		

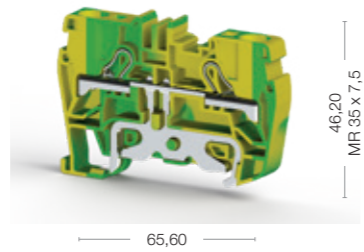
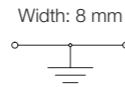
Type	Cat.No.	Qty.
NPP/PYK 4 T	446 452 T	10

Voltage, V ~	Current, A	Cross-Section
		4 mm <sup>2</sup>
		AWG 22-10
		4 mm <sup>2</sup>
800		

Type	Cat.No.	Qty.
NPP/PYK 4 T	446 452 T	10

# Practical Spring Clamp Earth Terminals

## PYK 6 T

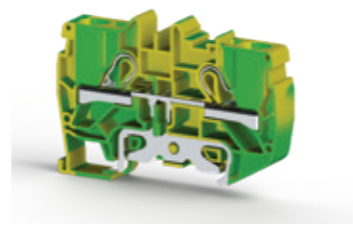
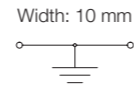


65,60

Cat No:

336 520

## PYK 10 T

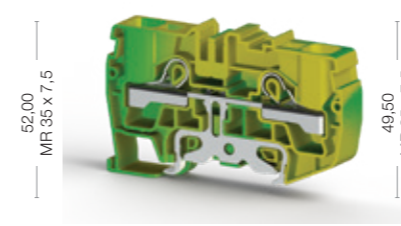
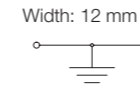


75,40

Cat No:

336 530

## PYK 16 T

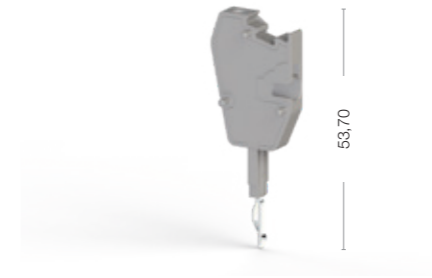
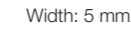


81,45

Cat No:

336 640

## PYK Test



20,80

Cat No:

498 559  
498 550



Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-2)			6 mm <sup>2</sup>
UL	600		AWG 20-8
VDE (IEC 60947-7-2)			
CSA			
ATEX			

Connection Data	Conductor cross section solid (min.-max.)	Conductor cross section stranded (min.-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	AWG Conductor	Insulation Stripping Length (min.-max.)	Screwdriver
	0,5-10 mm <sup>2</sup>	0,5-6 mm <sup>2</sup>	1,5 mm <sup>2</sup>	AWG 20-8	11-13 mm	KT 3 (0,6x3,5)

End Plate	Type	Cat.No.	Qty.
	NPP/PYK 6 T	446 462 T	10

Technical Data	Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type	Marking Tags (Dekafix)
	8/3	1/A5	IP 20 / PE	D_NS 8x10, SLF-P2 W, DG 10/8, SLF-P1 W

Package Quantity	Quantity
	60 pcs.

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
	600		10 mm <sup>2</sup>
			AWG 20-6

Connection Data	Conductor cross section solid (min.-max.)	Conductor cross section stranded (min.-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	AWG Conductor	Insulation Stripping Length (min.-max.)	Screwdriver
	0,5-16 mm <sup>2</sup>	0,5-10 mm <sup>2</sup>	4 mm <sup>2</sup>	AWG 20-6	13-15 mm	KT 4 (0,8x4,0)

End Plate	Type	Cat.No.	Qty.
	NPP/PYK 10 T	446 472 T	10

Technical Data	Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type	Marking Tags (Dekafix)
	8/3	1/B6	IP 20 / PE	D_NS 10x10, SLF-P2 W, DG 10/10, SLF-P1 W

Package Quantity	Quantity
	25 pcs.

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
			16 mm <sup>2</sup>

Connection Data	Conductor cross section solid (min.-max.)	Conductor cross section stranded (min.-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	AWG Conductor	Insulation Stripping Length (min.-max.)	Screwdriver
	0,5-25 mm <sup>2</sup>	0,5-16 mm <sup>2</sup>	4 mm <sup>2</sup>	AWG 20-4	16-18 mm	KT 4 (0,8x4,0)

End Plate	Type	Cat.No.	Qty.
	NPP/PYK 16 T	450 412 T	25

Technical Data	Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type	Marking Tags (Dekafix)
	8/3	1/B7	IP 20 / PE	D_NS 12x10, DG 10/10, SLF-P1 W

Package Quantity	Quantity
	30 pcs.

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
	250	17,5	1,5 mm <sup>2</sup>
	300	15	AWG 22-14

Connection Data	Conductor cross section solid (min.-max.)	Conductor cross section stranded (min.-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	AWG Conductor	Insulation Stripping Length (min.-max.)	Screwdriver
	0,34-2,5 mm <sup>2</sup>	0,34-1,5 mm <sup>2</sup>	0,5 mm <sup>2</sup>	AWG 22-14	9-10 mm	KT 1 (0,4x2,5)

End Plate	Type	Cat.No.	Qty.
	PYK TEST A	498 659	25

Technical Data	Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type	Marking Tags (Dekafix)
	8/3	1/A1-B1	IP 20 / -	

Package Quantity	Quantity
	25 pcs.

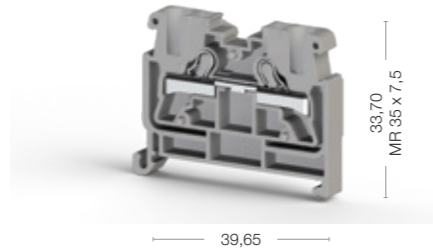
Used for Terminals	Terminal Type
307 109	PYK 2,5
307 119	PYK 4
307 229	PYK 4 E
307 169	PYK 2,5 A
307 219	PYK 2,5 CCA
307 389	PYK 2,5 C
307439	PYK 2,5 E
304 200	AVK 2,5 RD
304 210	AVK 4 RD

PYK test terminals, which minimize the time needed for test and control connections, can be marked with Standard marking tags and thermal printer labels. PYK test terminals, being as a group together, Terminals can be used with PYK 2,5 terminals. When PYK Test A plates are added to Test terminals, the Terminals can be used with PYK 4 terminals.

# PYKMR Series Mini Terminals

## PYKMR 2,5

Width: 5 mm

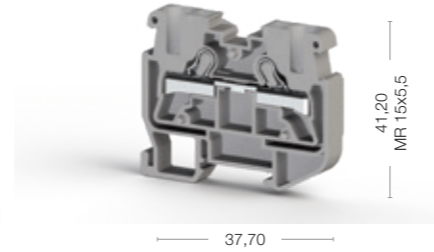


Cat No:

- 307 499
- 307 490

## PYKM 2,5

Width: 5 mm

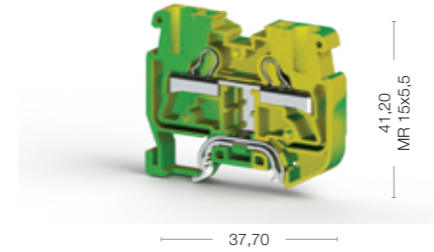


Cat No:

- 307 399
- 307 390

## PYKM 2,5 T


Width: 5 mm



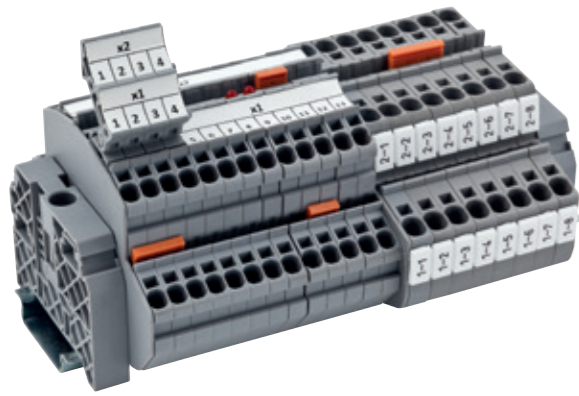
Cat No:

- 336 430

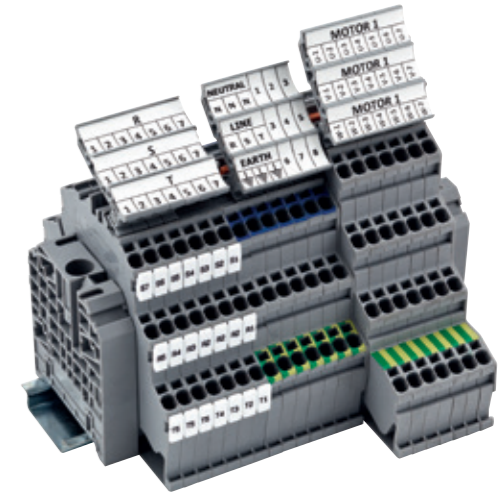
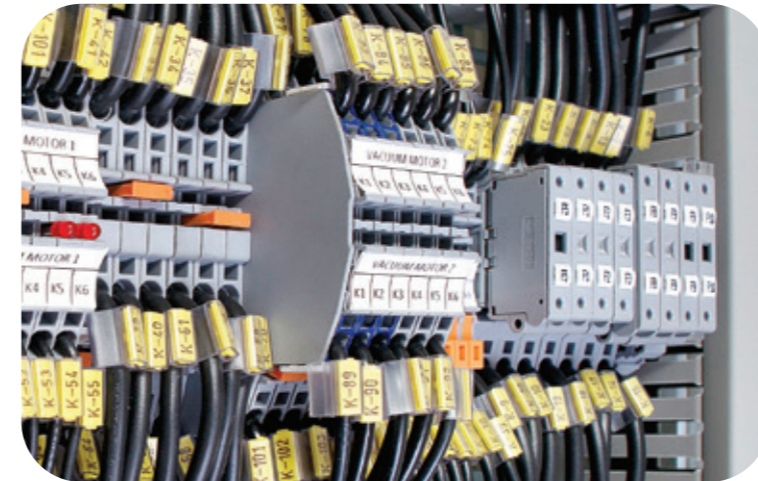
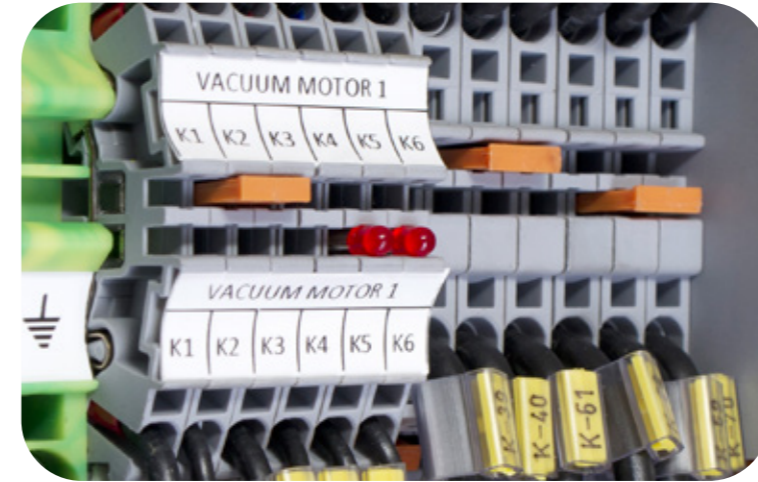
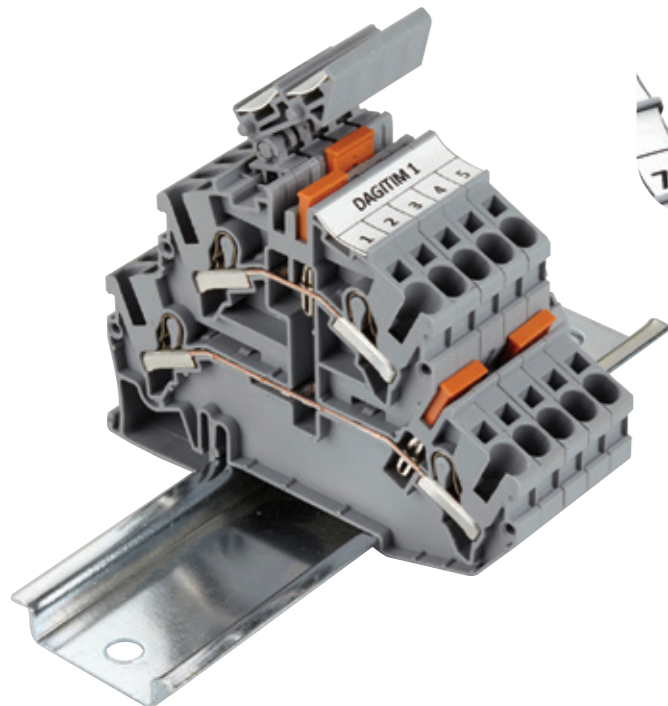
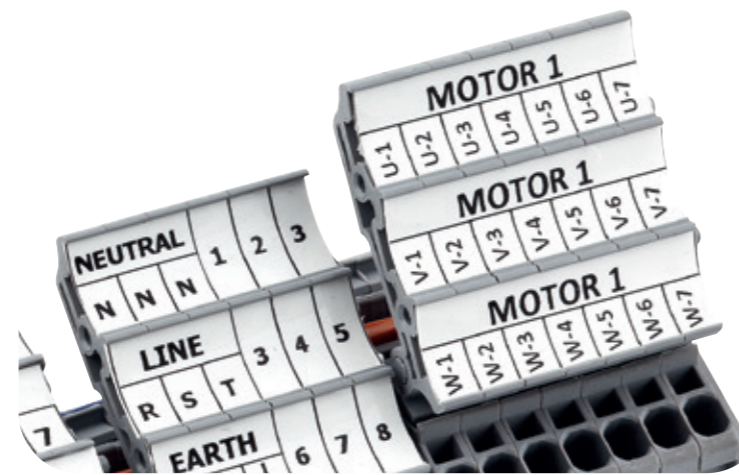
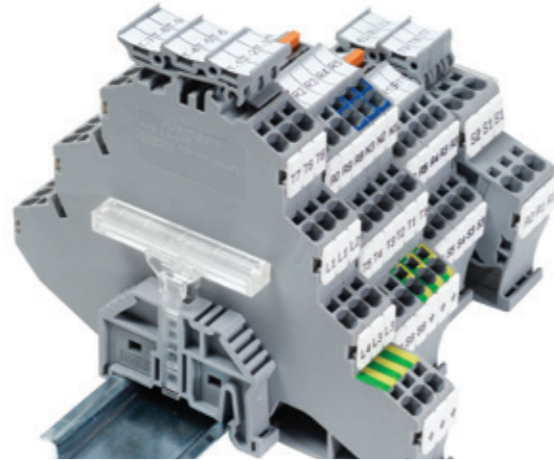


Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	
CE (EN 60947-7-1 / EN 60947-7-2)	800	24	2,5 mm <sup>2</sup>	800	24	2,5 mm <sup>2</sup>			2,5 mm <sup>2</sup>	
UL				600	20	AWG 22-12			AWG 22-12	
VDE (IEC 60947-7-1)										
CSA										
ATEX										
Connection Data										
Conductor cross section solid (min.-max.)	0,34-4 mm <sup>2</sup>			0,34-4 mm <sup>2</sup>			0,34-4 mm <sup>2</sup>			
Conductor cross section stranded (min.-max.)	0,34-2,5 mm <sup>2</sup>			0,34-2,5 mm <sup>2</sup>			0,34-2,5 mm <sup>2</sup>			
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm <sup>2</sup>			0,5 mm <sup>2</sup>			0,5 mm <sup>2</sup>			
AWG Conductor	AWG 22-12			AWG 22-12			AWG 22-12			
Insulation Stripping Length (min.-max.)	9-10 mm			9-10 mm			9-10 mm			
Screwdriver	KT 1 (0,4x2,5)			KT 1 (0,4x2,5)			KT 1 (0,4x2,5)			
End Plate										
	Grey	NPP1 PYKMR 2,5	446 589	100	NPP1 PYKM 2,5	446 589	100			
	Grey	NPP2 PYKMR 2,5	446 599	100	NPP2 PYKM 2,5	446 599	100			
	Yellow- Green							NPP1 PYKM 2,5T	446 582 T	25
	Yellow- Green							NPP2 PYKM 2,5T	446 592 T	25
Technical Data										
Rated Impulse Voltage / Pollution severity	8/3			8/3			8/3			
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3			1/A3			1/A3			
Protection class / Protection conductor type	IP 20 / -			IP 20 / -			IP 20 / PE			
Marking Tags (Dekafix)										
See pages 326-333 for a list of Dekafix	D_NS 5x6, DB 5, DB 10/5, DG 6/5, DG 10/5T, SLF-P1 W			D_NS 5x6, DB 5, DB 10/5, DG 6/5, DG 10/5T, SLF-P1 W			D_NS 5x6, DB 5, DB 10/5, DG 6/5, DG 10/5T, SLF-P1 W			
Package Quantity	50 pcs.			50 pcs.			50 pcs.			

# PYK Series Multilevel Rail Terminals



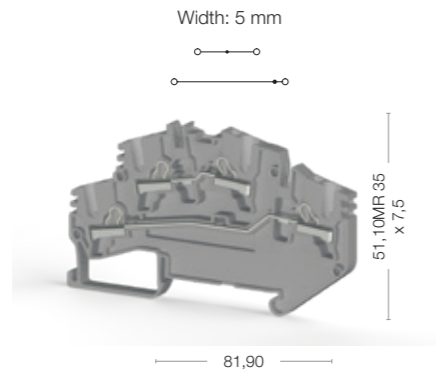
Double Deck Practical Spring Terminals are available in 2,5 - 4 mm cross section range. Double wiring density available without extension of mounting rails. Interconnection / shorting can be done at both layers. Group marking carrier is used to provide more visual marking in base layer. Special Marking solutions for each cross section can be provided by Thermal Printing and Plotter Labeling.



Multilevel Practical Spring Terminals make wiring more practical, reduce the installation costs and speed the wiring. Panels which exist switch lines & lightening, provide phase-neutral-Earth connection in one terminal. Are ideal for usage in industries where motors are working a lot, because of more practical wiring. Provide individual cross connections for each layer. Group marking carrier is used to provide more visual marking in base layer. Special Marking solutions for each cross section can be provided by Thermal Printing and Plotter Labeling.

# Double - Deck Practical Spring Clamp Line Type Terminals

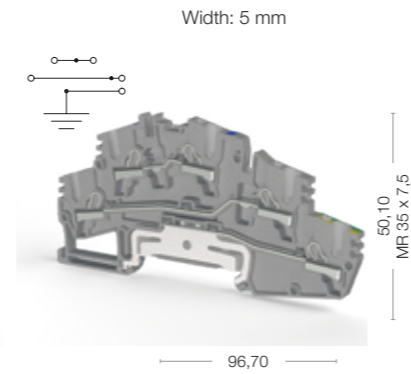
## PYK 2,5 - M2F



Cat No:

- 307 699
- 307 690

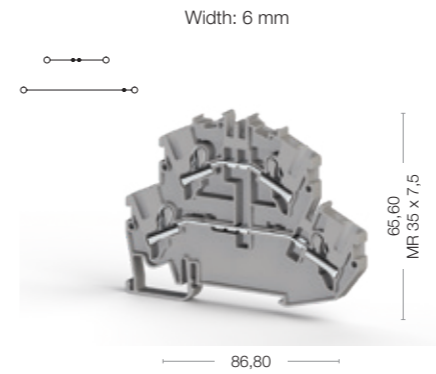
## PYK 2,5 - M2FT



Cat No:

- 307 709
- 307 700

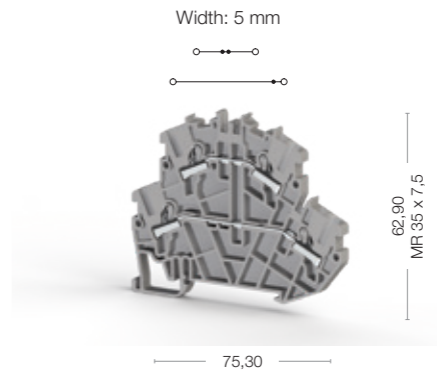
## PYK 4 - 2 FN



Cat No:

- 307 579
- 307 570

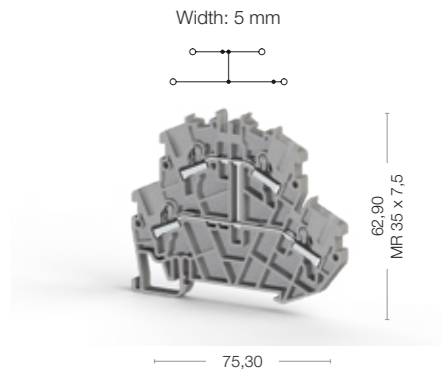
## PYK 2,5 - 2 F



Cat No:

- 307 179
- 307 170

## PYK 2,5 - 2 FK



Cat No:

- 307 239
- 307 230



Electrical Ratings
CE (EN 60947-7-1)
UL
VDE (IEC 60947-7-1)
CSA
ATEX

Connection Data	
Conductor cross section solid (min.-max.)	0,34-4 mm <sup>2</sup>
Conductor cross section stranded (min.-max.)	0,34-2,5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm <sup>2</sup>
AWG Conductor	AWG 22-12
Insulation Stripping Length (min.-max.)	9-10 mm
Screwdriver	KT 1 (0,4x2,5)

End Plate


Cross Connection


Technical Data	
Rated Impulse Voltage / Pollution severity	6/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3
Protection class / Protection conductor type	IP 20 / -
Marking Tags (Dekafix)	D_NS 5x10, DB 10/5, DG 10/5, DG 10/5T, SLF-P1 W
See pages 326-333 for a list of Dekafix	

Package Quantity
30 pcs.

Voltage, V ~	Current, A	Cross-Section
250	24	2,5 mm <sup>2</sup>

Type	Cat.No.	Qty.
NPP PYK 2,5-M2F	450 439	10

Type	Cat.No.	Qty.
UK 2,5/2	476 222	25
UK 2,5/3	476 223	20
UK 2,5/4	476 224	15
UK 2,5/10	476 229	5

Voltage, V ~	Current, A	Cross-Section
250	24	2,5 mm <sup>2</sup>

Type	Cat.No.	Qty.
NPP PYK 2,5-M2FT	450 429	30

Type	Cat.No.	Qty.
UK 2,5/2	476 222	25
UK 2,5/3	476 223	20
UK 2,5/4	476 224	15
UK 2,5/10	476 229	5

Voltage, V ~	Current, A	Cross-Section
500	32	4 mm <sup>2</sup>

Type	Cat.No.	Qty.
NPP PYK 4-2 FN	446 669	25

Type	Cat.No.	Qty.
UK 4/2	476 232	25
UK 4/3	476 233	20
UK 4/4	476 234	15
UK 4/10	476 239	5

Voltage, V ~	Current, A	Cross-Section
500	24	2,5 mm <sup>2</sup>
300	20	AWG 22-12
500	21	

Type	Cat.No.	Qty.
NPP PYK 2,5-2 F	446 519	10

Type	Cat.No.	Qty.
UK 2,5/2	476 222	25
UK 2,5/3	476 223	20
UK 2,5/4	476 224	15
UK 2,5/10	476 229	5

Voltage, V ~	Current, A	Cross-Section
500	24	2,5 mm <sup>2</sup>
300	20	AWG 20-12

Type	Cat.No.	Qty.
NPP PYK 2,5-2 FK	446 519	10

Type	Cat.No.	Qty.
UK 2,5/2	476 222	25
UK 2,5/3	476 223	20
UK 2,5/4	476 224	15
UK 2,5/10	476 229	5

Voltage, V ~	Current, A	Cross-Section
500	24	2,5 mm <sup>2</sup>
300	20	AWG 20-12

Type	Cat.No.	Qty.
NPP PYK 2,5-2 FK	446 519	10

Type	Cat.No.	Qty.
UK 2,5/2	476 222	25
UK 2,5/3	476 223	20
UK 2,5/4	476 224	15
UK 2,5/10	476 229	5

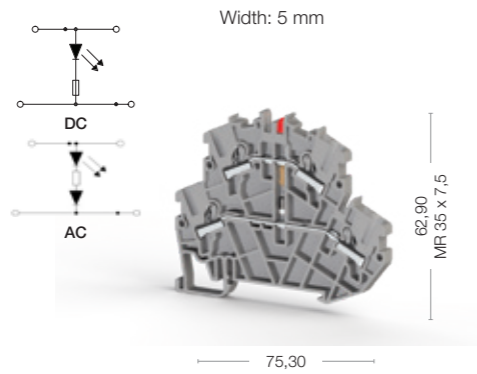
Technical Data	
Rated Impulse Voltage / Pollution severity	6/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3
Protection class / Protection conductor type	IP 20 / -
Marking Tags (Dekafix)	D_NS 5x10, SLF-P2 W, DB 10/5, DG 10/5, DG, 10/5T, SLF-P1 W
See pages 326-333 for a list of Dekafix	

Package Quantity
40 pcs.



# Double - Deck Practical Spring Clamp Terminals

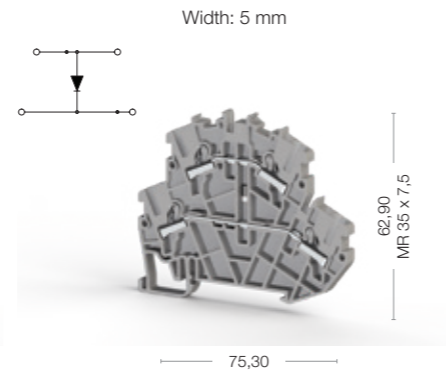
## PYK 2,5 - 2 FLD



Cat No:

- 307 349
- 307 340

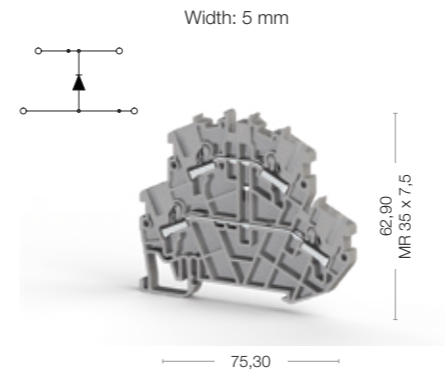
## PYK 2,5 - 2 FD A



Cat No:

- 307 369
- 307 360

## PYK 2,5 - 2 FD B



Cat No:

- 307 379
- 307 370



Electrical Ratings
CE (EN 60947-7-1)
UL
VDE (IEC 60947-7-1)
CSA
ATEX

Connection Data	
Conductor cross section solid (min.-max.)	0,34-4 mm <sup>2</sup>
Conductor cross section stranded (min.-max.)	0,34-2,5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm <sup>2</sup>
AWG Conductor	AWG 22-12
Insulation Stripping Length (min.-max.)	9-10 mm
Screwdriver	KT 1 (0,4x2,5)

Ordering Data	Type	Cat.No.	Qty.
	24V DC	307 349	40
	220V AC	307 359	40

Technical Data For Diode	
Diode Voltage	1000 V
Diode Current	1 A
Diod	1 N 4007

End Plate	Type	Cat.No.	Qty.
	NPP PYK 2,5-2 FLD	446 519	10

Cross Connection	Type	Cat.No.	Qty.
	UK 2,5/2	476 222	25
	UK 2,5/3	476 223	20
	UK 2,5/4	476 224	15
	UK 2,5/10	476 229	5

Technical Data	
Rated Impulse Voltage / Pollution severity	6/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3
Protection class / Protection conductor type	IP 20 / -
Marking Tags (Dekafix)	D_NS 5x10, SLF-P2 W, DB 10/5, DG 10/5, DG 10/5T, SLF-P1 W

Package Quantity
40 pcs.

Electrical Ratings
500
0,5
2,5 mm <sup>2</sup>

Connection Data	
Conductor cross section solid (min.-max.)	0,34-4 mm <sup>2</sup>
Conductor cross section stranded (min.-max.)	0,34-2,5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm <sup>2</sup>
AWG Conductor	AWG 22-12
Insulation Stripping Length (min.-max.)	9-10 mm
Screwdriver	KT 1 (0,4x2,5)

Ordering Data	Type	Cat.No.	Qty.
	24V DC	307 349	40
	220V AC	307 359	40

Technical Data For Diode	
Diode Voltage	1000 V
Diode Current	1 A
Diod	1 N 4007

End Plate	Type	Cat.No.	Qty.
	NPP PYK 2,5-2 F	446 519	10

Cross Connection	Type	Cat.No.	Qty.
	UK 2,5/2	476 222	25
	UK 2,5/3	476 223	20
	UK 2,5/4	476 224	15
	UK 2,5/10	476 229	5

Technical Data	
Rated Impulse Voltage / Pollution severity	6/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3
Protection class / Protection conductor type	IP 20 / -
Marking Tags (Dekafix)	D_NS 5x10, SLF-P2 W, DB 10/5, DG 10/5, DG 10/5T, SLF-P1 W

Package Quantity
40 pcs.

Electrical Ratings
500
0,5
2,5 mm <sup>2</sup>

Connection Data	
Conductor cross section solid (min.-max.)	0,34-4 mm <sup>2</sup>
Conductor cross section stranded (min.-max.)	0,34-2,5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm <sup>2</sup>
AWG Conductor	AWG 22-12
Insulation Stripping Length (min.-max.)	9-10 mm
Screwdriver	KT 1 (0,4x2,5)

Ordering Data	Type	Cat.No.	Qty.
	24V DC	307 349	40
	220V AC	307 359	40

Technical Data For Diode	
Diode Voltage	1000 V
Diode Current	1 A
Diod	1 N 4007

End Plate	Type	Cat.No.	Qty.
	NPP PYK 2,5-2 F	446 519	10

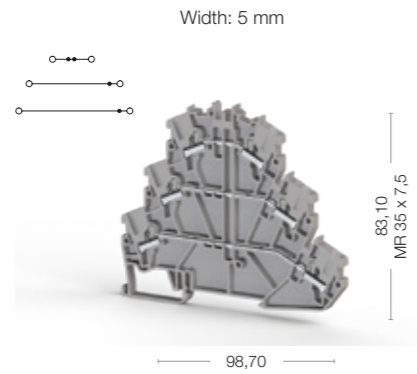
Cross Connection	Type	Cat.No.	Qty.
	UK 2,5/2	476 222	25
	UK 2,5/3	476 223	20
	UK 2,5/4	476 224	15
	UK 2,5/10	476 229	5

Technical Data	
Rated Impulse Voltage / Pollution severity	6/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3
Protection class / Protection conductor type	IP 20 / -
Marking Tags (Dekafix)	D_NS 5x10, SLF-P2 W, DB 10/5, DG 10/5, DG 10/5T, SLF-P1 W

Package Quantity
40 pcs.

# Multilevel Practical Spring Clamp Terminals

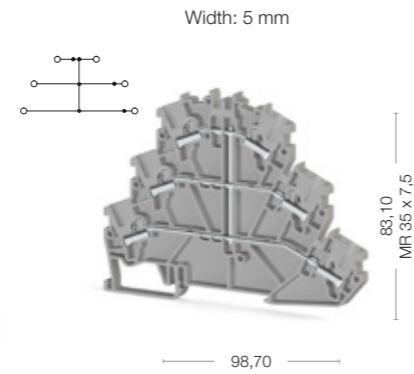
## PYK 2,5 - 3 F



Cat No:

- 307 199
- 307 190

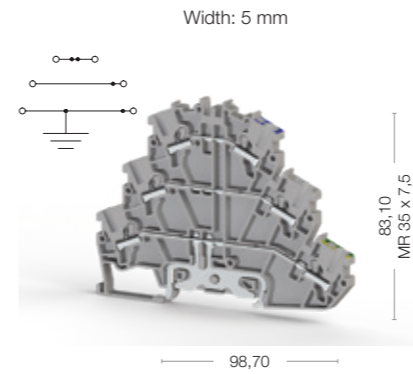
## PYK 2,5 - 3 FK



Cat No:

- 307 559
- 307 550

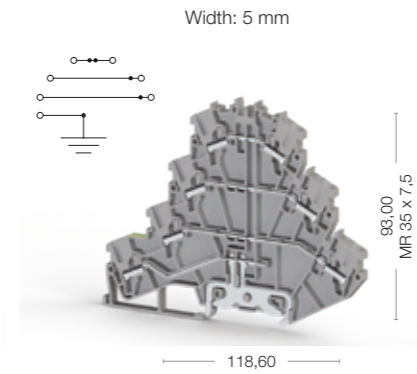
## PYK 2,5 - 2 FT



Cat No:

- 307 189
- 307 180

## PYK 2,5 - 3 FT



Cat No:

- 307 209
- 307 200



Electrical Ratings
CE (EN 60947-7-1 / EN 60947-7-2)
UL
VDE (IEC 60947-7-1)
CSA
ATEX

Voltage, V ~	Current, A	Cross-Section
500	24	2,5 mm <sup>2</sup>
300	20	AWG 22-12
500	18	

Voltage, V ~	Current, A	Cross-Section
500	24	2,5 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
500	21	

Voltage, V ~	Current, A	Cross-Section
500	24	2,5 mm <sup>2</sup>
300	20	AWG 22-12
400	18	

Voltage, V ~	Current, A	Cross-Section
500	24	2,5 mm <sup>2</sup>
300	20	AWG 22-12

Connection Data
Conductor cross section solid (min.-max.)
Conductor cross section stranded (min.-max.)
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve
AWG Conductor
Insulation Stripping Length (min.-max.)
Screwdriver

Conductor cross section solid (min.-max.)	Conductor cross section stranded (min.-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	AWG Conductor	Insulation Stripping Length (min.-max.)	Screwdriver
0,34-4 mm <sup>2</sup>	0,34-2,5 mm <sup>2</sup>	0,5 mm <sup>2</sup>	AWG 22-12	9-10 mm	KT 1 (0,4x2,5)

Conductor cross section solid (min.-max.)	Conductor cross section stranded (min.-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	AWG Conductor	Insulation Stripping Length (min.-max.)	Screwdriver
0,34-4 mm <sup>2</sup>	0,34-2,5 mm <sup>2</sup>	0,5 mm <sup>2</sup>	AWG 22-12	9-10 mm	KT 1 (0,4x2,5)

Conductor cross section solid (min.-max.)	Conductor cross section stranded (min.-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	AWG Conductor	Insulation Stripping Length (min.-max.)	Screwdriver
0,34-4 mm <sup>2</sup>	0,34-2,5 mm <sup>2</sup>	0,5 mm <sup>2</sup>	AWG 22-12	9-10 mm	KT 1 (0,4x2,5)

Conductor cross section solid (min.-max.)	Conductor cross section stranded (min.-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	AWG Conductor	Insulation Stripping Length (min.-max.)	Screwdriver
0,34-4 mm <sup>2</sup>	0,34-2,5 mm <sup>2</sup>	0,5 mm <sup>2</sup>	AWG 22-12	9-10 mm	KT 1 (0,4x2,5)

Conductor cross section solid (min.-max.)	Conductor cross section stranded (min.-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	AWG Conductor	Insulation Stripping Length (min.-max.)	Screwdriver
0,34-4 mm <sup>2</sup>	0,34-2,5 mm <sup>2</sup>	0,5 mm <sup>2</sup>	AWG 22-12	9-10 mm	KT 1 (0,4x2,5)

End Plate

Type	Cat.No.	Qty.
NPP PYK 2,5-3 F	446 529	10

Type	Cat.No.	Qty.
NPP PYK 2,5-3 FK	446 529	10

Type	Cat.No.	Qty.
NPP PYK 2,5-2 FT	446 529	10

Type	Cat.No.	Qty.
NPP PYK 2,5-3 FT	446 539	30

Type	Cat.No.	Qty.
NPP PYK 2,5-3 FT	446 539	30

Cross Connection

Type	Cat.No.	Qty.
UK 2,5/2	476 222	25
UK 2,5/3	476 223	20
UK 2,5/4	476 224	15
UK 2,5/10	476 229	5

Type	Cat.No.	Qty.
UK 2,5/2	476 222	25
UK 2,5/3	476 223	20
UK 2,5/4	476 224	15
UK 2,5/10	476 229	5

Type	Cat.No.	Qty.
UK 2,5/2	476 222	25
UK 2,5/3	476 223	20
UK 2,5/4	476 224	15
UK 2,5/10	476 229	5

Type	Cat.No.	Qty.
UK 2,5/2	476 222	25
UK 2,5/3	476 223	20
UK 2,5/4	476 224	15
UK 2,5/10	476 229	5

Type	Cat.No.	Qty.
UK 2,5/2	476 222	25
UK 2,5/3	476 223	20
UK 2,5/4	476 224	15
UK 2,5/10	476 229	5

Technical Data
Rated Impulse Voltage / Pollution severity
Insulation material group / Gauge pin code according to IEC 60947-1
Protection class / Protection conductor type
Marking Tags (Dekafix)
See pages 326-333 for a list of Dekafix

Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type	Marking Tags (Dekafix)
6/3	1/A3	IP 20 / -	D_NS 5x10, SLF-P2 W, DB 10/5, DG 10/5, DG 10/5T, SLF-P1 W

Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type	Marking Tags (Dekafix)
6/3	1/A3	IP 20 / -	D_NS 5x10, SLF-P2 W, DB 10/5, DG 10/5, DG 10/5T, SLF-P1 W

Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type	Marking Tags (Dekafix)
6/3	1/A3	IP 20 / -	D_NS 5x10, SLF-P2 W, DB 10/5, DG 10/5, DG 10/5T, SLF-P1 W

Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type	Marking Tags (Dekafix)
6/3	1/A3	IP 20 / -	D_NS 5x10, SLF-P2 W, DB 10/5, DG 10/5, DG 10/5T, SLF-P1 W

Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type	Marking Tags (Dekafix)
6/3	1/A3	IP 20 / -	D_NS 5x10, SLF-P2 W, DB 10/5, DG 10/5, DG 10/5T, SLF-P1 W

Package Quantity
30 pcs.

Package Quantity
30 pcs.

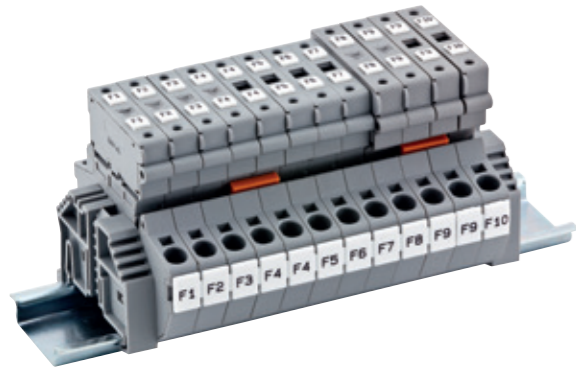
Package Quantity
30 pcs.

Package Quantity
30 pcs.

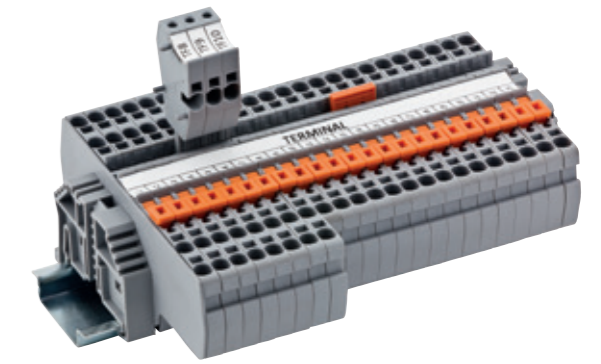
Package Quantity
30 pcs.

Package Quantity
30 pcs.

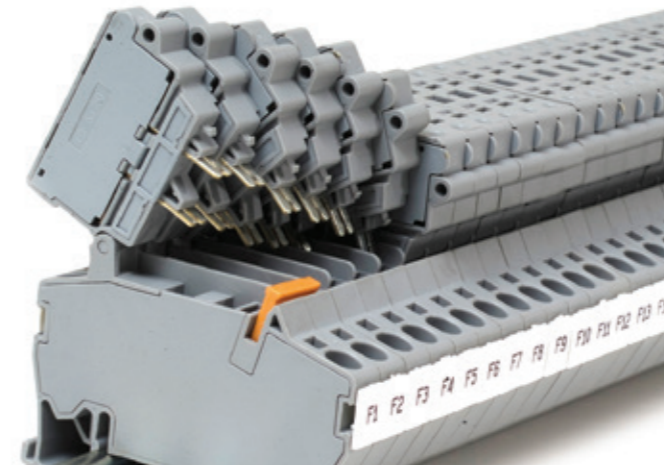
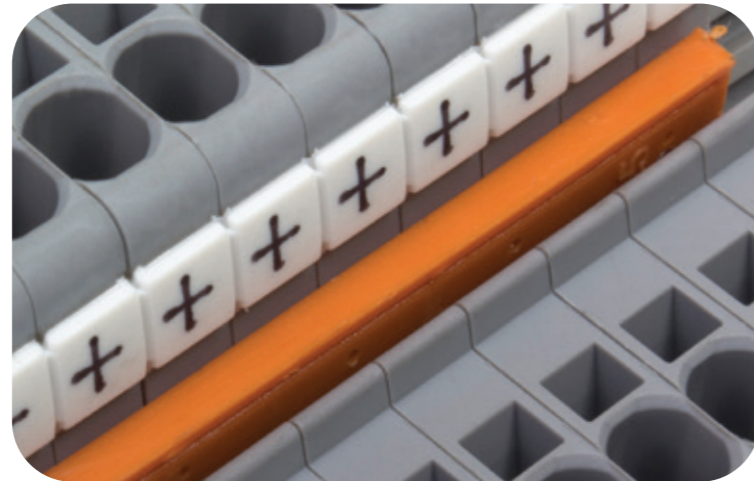
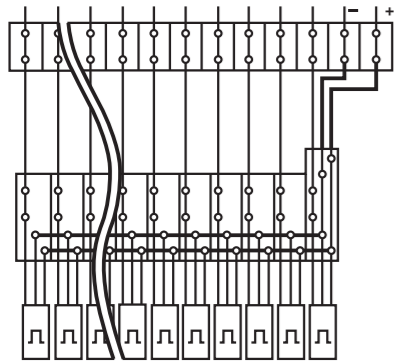
# PYK Series Sensor / Fuse and Disconnect / Disconnect Terminals



Practical Spring Clamp Fuse Terminals has a sliding type hinged carrier that has a specially designed space for cartridge type glass fuse of size  $\varnothing 5 \times 20$  or  $\varnothing 5 \times 25$ . Both sides of the terminals are closed and available for cross connection. Special Marking solutions can be provided by Plotter Labeling.



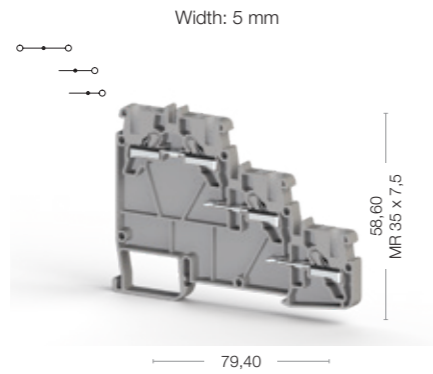
PYK series Disconnect Terminals enables to safely open-close the circuit, when the energy is on in the system. Can be marked with Thermal marking strip and cross-connected together with all other single-level terminals. Special Marking solutions can be provided by Thermal Printing and Plotter Labeling.



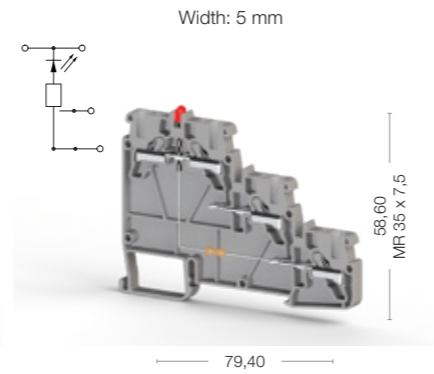
Practical Spring Terminals are making sensor connections, which are often used in industry, more practical and esthetic. All PYK series with single layer are available with marking strip printed on Thermal printer, using Klemark Software. Terminals can be used with NPN and PNP types of sensors. Special Marking solutions for each cross section can be provided by Thermal Printing and Plotter Labeling.

# Practical Spring Clamp Sensor Terminals

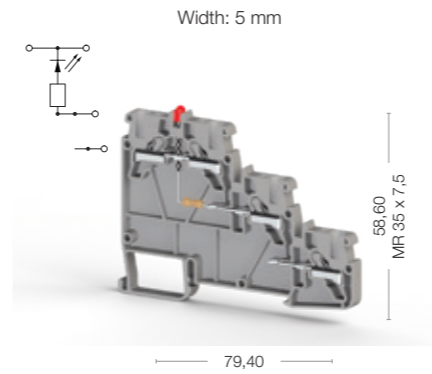
## PYK 3 S



## PYK 3 SLD (NPN)



## PYK 3 SLD (PNP)



Cat No:

- 307 409
- 307 400

Cat No:

- 307 419
- 307 410

Cat No:

- 307 429
- 307 420



Electrical Ratings
CE (EN 60947-7-1)
UL
VDE (IEC 60947-7-1)
CSA
ATEX

Voltage, V ~	Current, A	Cross-Section
250	24	2,5 mm <sup>2</sup>
300	20	AWG 22-12

Voltage, V ~	Current, A	Cross-Section
24	24	2,5 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
24	24	2,5 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
24	24	2,5 mm <sup>2</sup>

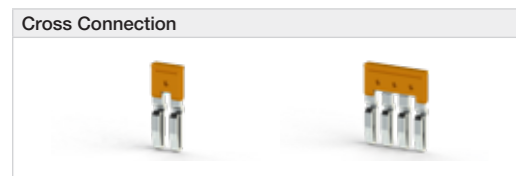
Connection Data	
Conductor cross section solid (min.-max.)	0,34-4 mm <sup>2</sup>
Conductor cross section stranded (min.-max.)	0,34-2,5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm <sup>2</sup>
AWG Conductor	AWG 22-12
Insulation Stripping Length (min.-max.)	9-10 mm
Screwdriver	KT 1 (0,4x2,5)

Type	Cat.No.	Qty.
NPP PYK 3 S	446 609	10

Type	Cat.No.	Qty.
NPP PYK 3 S	446 609	10

Type	Cat.No.	Qty.
NPP PYK 3 S	446 609	10

Type	Cat.No.	Qty.
NPP PYK 3 S	446 609	10



Type	Cat.No.	Qty.
UK 2,5/2	476 222	25
UK 2,5/3	476 223	20
UK 2,5/4	476 224	15
UK 2,5/10	476 229	5

Type	Cat.No.	Qty.
UK 2,5/2	476 222	25
UK 2,5/3	476 223	20
UK 2,5/4	476 224	15
UK 2,5/10	476 229	5

Type	Cat.No.	Qty.
UK 2,5/2	476 222	25
UK 2,5/3	476 223	20
UK 2,5/4	476 224	15
UK 2,5/10	476 229	5

Type	Cat.No.	Qty.
UK 2,5/2	476 222	25
UK 2,5/3	476 223	20
UK 2,5/4	476 224	15
UK 2,5/10	476 229	5

Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3
Protection class / Protection conductor type	IP 20 / -

Marking Tags (Dekafix)	
See pages 326-333 for a list of Dekafix	D_NS 5x10, SLF-P2 W, DB 10/5, DG 10/5, DG 10/5T

Marking Tags (Dekafix)	
See pages 326-333 for a list of Dekafix	D_NS 5x10, SLF-P2 W, DB 10/5, DG 10/5, DG 10/5T

Marking Tags (Dekafix)	
See pages 326-333 for a list of Dekafix	D_NS 5x10, SLF-P2 W, DB 10/5, DG 10/5, DG 10/5T

Marking Tags (Dekafix)	
See pages 326-333 for a list of Dekafix	D_NS 5x10, SLF-P2 W, DB 10/5, DG 10/5, DG 10/5T

Package Quantity
20 pcs.

Package Quantity
20 pcs.

Package Quantity
20 pcs.

Package Quantity
20 pcs.

Package Quantity
20 pcs.

# Practical Spring Clamp Fuse and Disconnect Terminals



Cat No:

- 307 249
- 307 240

Cat No:

- 307 259
- 307 250

Cat No:

- 307 319
- 307 310

Cat No:

- 307 329
- 307 320

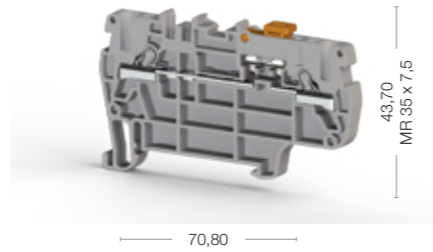


Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-3)	500	10	4 mm <sup>2</sup>		10	4 mm <sup>2</sup>		10	4 mm <sup>2</sup>		10	4 mm <sup>2</sup>
UL	300	10	AWG 22-10		10	AWG 22-10		10	AWG 22-10		10	AWG 22-10
VDE (IEC 60947-7-3)												
CSA												
ATEX												
Connection Data												
Conductor cross section solid (min.-max.)	0,34-6 mm <sup>2</sup>			0,34-6 mm <sup>2</sup>			0,34-6 mm <sup>2</sup>			0,34-6 mm <sup>2</sup>		
Conductor cross section stranded (min.-max.)	0,25-4 mm <sup>2</sup>			0,25-4 mm <sup>2</sup>			0,25-4 mm <sup>2</sup>			0,25-4 mm <sup>2</sup>		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	1 mm <sup>2</sup>			1 mm <sup>2</sup>			1 mm <sup>2</sup>			1 mm <sup>2</sup>		
AWG Conductor	AWG 22-10			AWG 22-10			AWG 22-10			AWG 22-10		
Insulation Stripping Length (min.-max.)	9-10 mm			9-10 mm			9-10 mm			9-10 mm		
Screwdriver	KT 2 (0,5x3,0)			KT 2 (0,5x3,0)			KT 2 (0,5x3,0)			KT 2 (0,5x3,0)		
Ordering Data	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>				<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	PYK 4 S (5x20)	307 249	15	PYK 4 SLD (5x20)	307 259 (24V DC)	15				PYK 4 ILD	307 329 (24V DC)	15
	PYK 4 S (5x20)	307 240	15	PYK 4 SLD (5x20)	307 269 (220V AC)	15				PYK 4 ILD	307 339 (220V AC)	15
	PYK 4 S (5x25)	307 289	15	PYK 4 SLD (5x25)	307 299 (24V DC)	15						
	PYK 4 S (5x25)	307 280	15	PYK 4 SLD (5x25)	307 309 (220V AC)	15						
Push-in Cross Connection	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>				<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	UK 6/2	476 242	25	UK 6/2	476 242	25				UK 6/2	476 242	25
	UK 6/3	476 243	20	UK 6/3	476 243	20				UK 6/3	476 243	20
	UK 6/4	476 244	15	UK 6/4	476 244	15				UK 6/4	476 244	15
	UK 6/10	476 249	5	UK 6/10	476 249	5				UK 6/10	476 249	5
Technical Data												
Rated Impulse Voltage / Pollution severity	6/3			6/3			6/3			6/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A4			1/A4			1/A4			1/A4		
Protection class / Protection conductor type	IP 20 / -			IP 20 / -			IP 20 / -			IP 20 / -		
Fuse / Fuse Type	G/5x20-5x25			G/5x20-5x25			G/6,35x31,75			G/6,35x31,75		
Marking Tags (Dekafix)	D_NS 8x10, SLF-P2 W, DB 5, DG 10/8			D_NS 8x10, SLF-P2 W, DB 5, DG 10/8			D_NS 8x10, SLF-P2 W, DB 5, DG 10/8			D_NS 8x10, SLF-P2 W, DB 5, DG 10/8		
See pages 326-333 for a list of Dekafix												
Package Quantity	15 pcs.			15 pcs.			15 pcs.			15 pcs.		

# Practical Spring Clamp Fuse and Disconnect Terminals

## PYK 2,5 A

Width: 5 mm

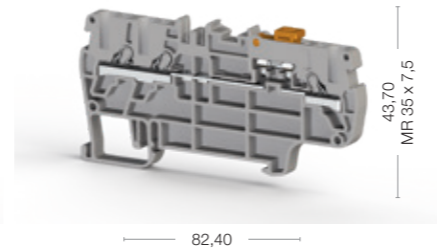


Cat No:

- 307 169
- 307 160

## PYK 2,5 EA

Width: 5 mm

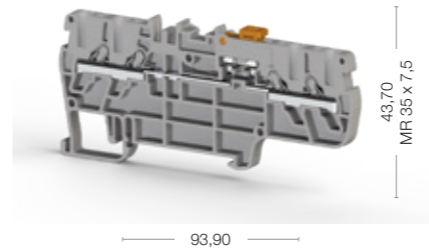
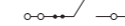


Cat No:

- 307 459
- 307 450

## PYK 2,5 CCA

Width: 5 mm



Cat No:


- 307 219
- 307 210



Electrical Ratings
CE (EN 60947-7-1)
UL
VDE (IEC 60947-7-1)
CSA
ATEX

Connection Data	
Conductor cross section solid (min.-max.)	0,34-4 mm <sup>2</sup>
Conductor cross section stranded (min.-max.)	0,34-2,5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm <sup>2</sup>
AWG Conductor	AWG 22-12
Insulation Stripping Length (min.-max.)	9-10 mm
Screwdriver	KT 1 (0,4x2,5)

End Plate


Push-in Cross Connection


Technical Data	
Rated Impulse Voltage / Pollution severity	4/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3
Protection class / Protection conductor type	IP 20 / -
Marking Tags (Dekafix)	D_NS 5x10, SLF-P2 W, DB 10/5, DG 10/5, DG 10/5T, SLF-P1 W

Package Quantity
50 pcs.

Voltage, V ~	Current, A	Cross-Section
400	20	2,5 mm <sup>2</sup>
300	16	AWG 22-12

Type	Cat.No.	Qty.
NPP/PYK 2,5 A	446 509	100

Type	Cat.No.	Qty.
UK 2,5/2	476 222	25
UK 2,5/3	476 223	20
UK 2,5/4	476 224	15
UK 2,5/10	476 229	5

Voltage, V ~	Current, A	Cross-Section
400	16	2,5 mm <sup>2</sup>

Type	Cat.No.	Qty.
NPP/PYK 2,5 EA	446 629	100

Type	Cat.No.	Qty.
UK 2,5/2	476 222	25
UK 2,5/3	476 223	20
UK 2,5/4	476 224	15
UK 2,5/10	476 229	5

Technical Data	
Rated Impulse Voltage / Pollution severity	4/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3
Protection class / Protection conductor type	IP 20 / -
Marking Tags (Dekafix)	D_NS 5x10, SLF-P2 W, DB 10/5, DG 10/5, DG 10/5T, SLF-P1 W

Package Quantity
60 pcs.

Voltage, V ~	Current, A	Cross-Section
400	16	2,5 mm <sup>2</sup>
300	10	AWG 22-12

Type	Cat.No.	Qty.
NPP/PYK 2,5 CCA	446 549	100

Type	Cat.No.	Qty.
UK 2,5/2	476 222	25
UK 2,5/3	476 223	20
UK 2,5/4	476 224	15
UK 2,5/10	476 229	5

Technical Data	
Rated Impulse Voltage / Pollution severity	4/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3
Protection class / Protection conductor type	IP 20 / -
Marking Tags (Dekafix)	D_NS 5x10, SLF-P2 W, DB 10/5, DG 10/5, DG 10/5T, SLF-P1 W

Package Quantity
60 pcs.

Voltage, V ~	Current, A	Cross-Section
400	16	2,5 mm <sup>2</sup>
300	10	AWG 22-12

Type	Cat.No.	Qty.
NPP/PYK 2,5 CCA	446 549	100

Type	Cat.No.	Qty.
UK 2,5/2	476 222	25
UK 2,5/3	476 223	20
UK 2,5/4	476 224	15
UK 2,5/10	476 229	5

Technical Data	
Rated Impulse Voltage / Pollution severity	4/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3
Protection class / Protection conductor type	IP 20 / -
Marking Tags (Dekafix)	D_NS 5x10, SLF-P2 W, DB 10/5, DG 10/5, DG 10/5T, SLF-P1 W

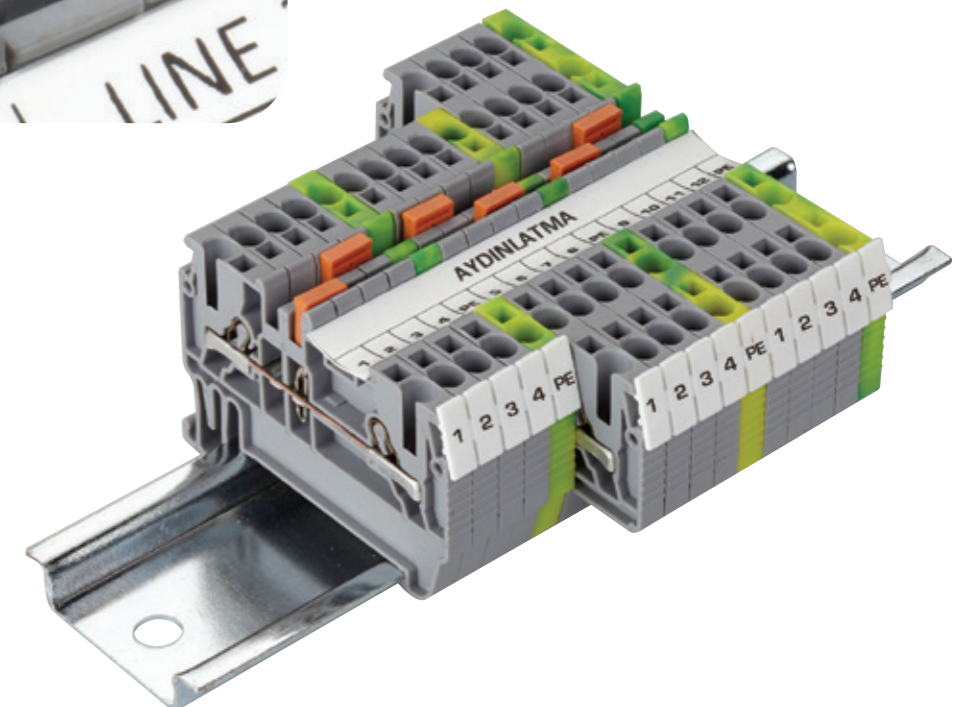
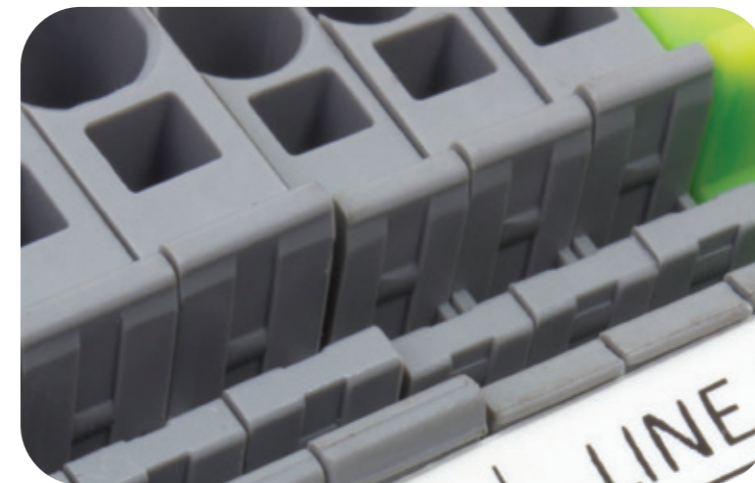
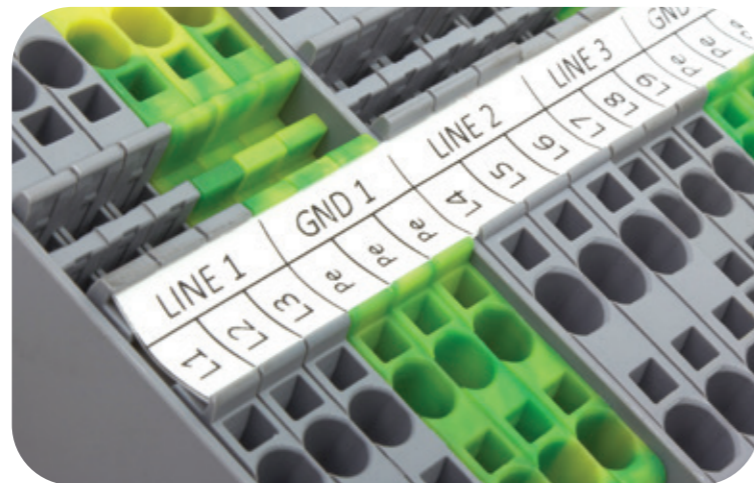
Package Quantity
60 pcs.

# PYK Series Multi input/output Terminals

PYK Series One Input - Two Output  
Two Input - Two Output Terminals



PYK Series Multi Input/Output Terminals make wiring more practical, reduce the installation costs where double and multilevel terminals cannot be used in the panels. Marking is available with all single layer PYK type terminals, Terminals can be used with test terminals and cross connection is available. Have same features in Earth terminals with same cross sections. Special Marking solutions for each cross section can be provided by Thermal Printing and Plotter Labeling.



# PYK Series

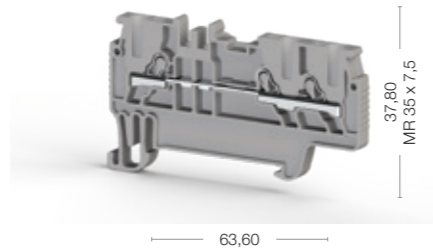
## One Input - Two Output

## Two Input - Two Output

## Terminals

### PYK 1,5 ME

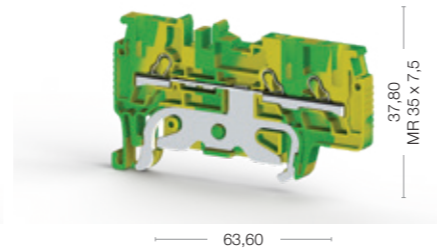
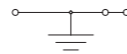
Width: 4,2 mm



63,60

### PYK 1,5 MET

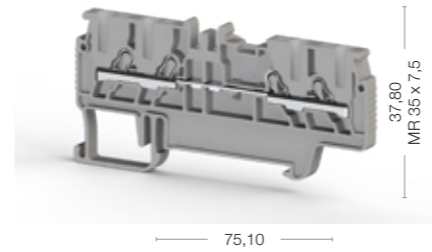
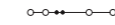
Width: 4,2 mm



63,60

### PYK 1,5 MC

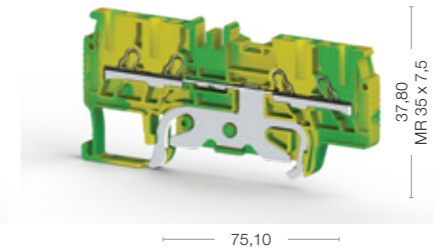
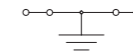
Width: 4,2 mm



75,10

### PYK 1,5 MCT

Width: 4,2 mm



75,10

Cat No:

- 307 039
- 307 030

Cat No:

- 336 460

Cat No:

- 307 029
- 307 020

Cat No:

- 336 450



Electrical Ratings
CE (EN 60947-7-1 - EN 60947-7-2)
UL
VDE (IEC 60947-7-1)
CSA
ATEX

Voltage, V ~	Current, A	Cross-Section
800	17,5	1,5 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
		1,5 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section

Voltage, V ~	Current, A	Cross-Section
800	17,5	1,5 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
		1,5 mm <sup>2</sup>

Connection Data
Conductor cross section solid (min.-max.)
Conductor cross section stranded (min.-max.)
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve
AWG Conductor
Insulation Stripping Length (min.-max.)
Screwdriver

0,34-2,5 mm <sup>2</sup>
0,34-1,5 mm <sup>2</sup>
0,5 mm <sup>2</sup>
AWG 22-14
9-10 mm
KT 1 (0,4x2,5)

0,34-2,5 mm <sup>2</sup>
0,34-1,5 mm <sup>2</sup>
0,5 mm <sup>2</sup>
AWG 22-14
9-10 mm
KT 1 (0,4x2,5)


0,34-2,5 mm <sup>2</sup>
0,34-1,5 mm <sup>2</sup>
0,5 mm <sup>2</sup>
AWG 22-14
9-10 mm
KT 1 (0,4x2,5)

0,34-2,5 mm <sup>2</sup>
0,34-1,5 mm <sup>2</sup>
0,5 mm <sup>2</sup>
AWG 22-14
9-10 mm
KT 1 (0,4x2,5)



Type	Cat.No.	Qty.
NPP/PYK 1,5 ME	446 649	100

Type	Cat.No.	Qty.
NPP/PYK 1,5 MET	446 642T	100

Type	Cat.No.	Qty.

Type	Cat.No.	Qty.
NPP/PYK 1,5 MC	446 659	100

Type	Cat.No.	Qty.
NPP/PYK 1,5 MCT	446 652T	100



Type	Cat.No.	Qty.
UK 1,5/2	476 602	25
UK 1,5/3	476 603	20
UK 1,5/4	476 604	15
UK 1,5/10	476 609	5

Type	Cat.No.	Qty.

Type	Cat.No.	Qty.

Type	Cat.No.	Qty.
UK 1,5/2	476 602	25
UK 1,5/3	476 603	20
UK 1,5/4	476 604	15
UK 1,5/10	476 609	5

Type	Cat.No.	Qty.

Technical Data
Rated Impulse Voltage / Pollution severity
Insulation material group / Gauge pin code according to IEC 60947-1
Protection class / Protection conductor type
Marking Tags (Dekafix)
See pages 326-333 for a list of Dekafix

8/3
1/A1-B1
IP 20 / -
D_NS 4,2x6, DB 6/4

8/3
1/A1-B1
IP 20 / -
D_NS 4,2x6, DB 6/4


8/3
1/A1-B1
IP 20 / -
D_NS 4,2x6, DB 6/4

8/3
1/A1-B1
IP 20 / -
D_NS 4,2x6, DB 6/4

Package Quantity
70 pcs.

70 pcs.
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70 pcs.
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70 pcs.
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70 pcs.
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# PYK Series

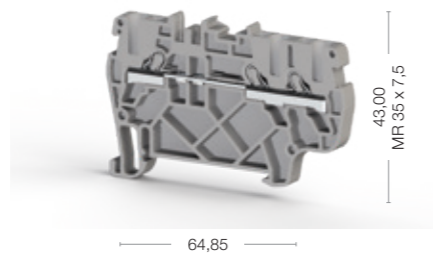
## One Input - Two Output

## Two Input - Two Output

## Terminals

### PYK 2,5 E

Width: 5 mm

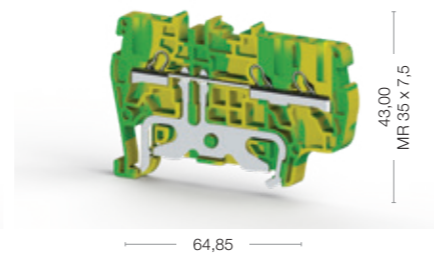


Cat No:

- 307 439
- 307 430

### PYK 2,5 ET

Width: 5 mm

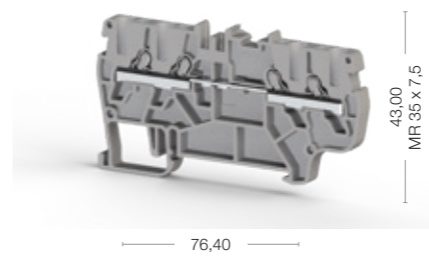


Cat No:

- 336 550

### PYK 2,5 C

Width: 5 mm

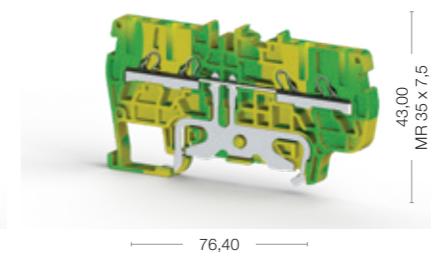


Cat No:

- 307 389
- 307 380

### PYK 2,5 CT

Width: 5 mm

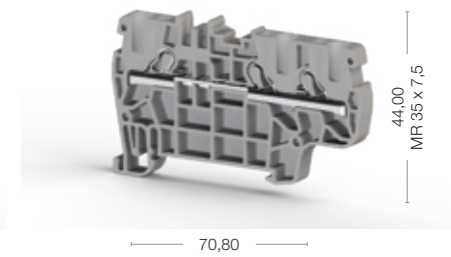


Cat No:

- 336 540

### PYK 4 E

Width: 6 mm



Cat No:

- 307 229
- 307 220



Electrical Ratings
CE (EN 60947-7-1 - EN 60947-7-2)
UL
VDE (IEC 60947-7-1)
CSA
ATEX

Connection Data	
Conductor cross section solid (min.-max.)	0,34-4 mm <sup>2</sup>
Conductor cross section stranded (min.-max.)	0,34-2,5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm <sup>2</sup>
AWG Conductor	AWG 22-12
Insulation Stripping Length (min.-max.)	9-10 mm
Screwdriver	KT 1 (0,4x2,5)

End Plate

Test Terminal Block

Push-in Cross Connection

Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3
Protection class / Protection conductor type	IP 20 / -
Marking Tags (Dekafix)	D_NS 5x10, SLF-P2 W, DB 10/5, DG 10/5, DG 10/5T, SLF-P1 W

Package Quantity
50 pcs.

Voltage, V ~	Current, A	Cross-Section
800	24	2,5 mm <sup>2</sup>
600	20	AWG 22-12

Type	Cat.No.	Qty.
NPP/PYK 2,5 E	446 619	10

Type	Cat.No.	Qty.
PYK TEST	498 559	25

Type	Cat.No.	Qty.
UK 2,5/2	476 222	25
UK 2,5/3	476 223	20
UK 2,5/4	476 224	15
UK 2,5/10	476 229	5

Type	Cat.No.	Qty.
D_NS 5x10, SLF-P2 W, DB 10/5, DG 10/5, DG 10/5T, SLF-P1 W		

Type	Cat.No.	Qty.
NPP/PYK 2,5 ET	446 612T	10

Type	Cat.No.	Qty.
PYK TEST	498 559	25
PYK TEST A	498 659	25

Type	Cat.No.	Qty.
UK 4/2	476 232	25
UK 4/3	476 233	20
UK 4/4	476 234	15
UK 4/10	476 239	5

Type	Cat.No.	Qty.
D_NS 6x10, SLF-P2 W, DB 10/6, DG 10/6, DG 10/6T, SLF-P1 W		

Voltage, V ~	Current, A	Cross-Section
		2,5 mm <sup>2</sup>
		AWG 22-12

Type	Cat.No.	Qty.
NPP/PYK 2,5 C	446 499	10

Type	Cat.No.	Qty.
PYK TEST	498 559	25

Type	Cat.No.	Qty.
UK 2,5/2	476 222	25
UK 2,5/3	476 223	20
UK 2,5/4	476 224	15
UK 2,5/10	476 229	5

Type	Cat.No.	Qty.
D_NS 5x10, SLF-P2 W, DB 10/5, DG 10/5, DG 10/5T, SLF-P1 W		

Type	Cat.No.	Qty.
NPP/PYK 2,5 CT	446 492T	10

Type	Cat.No.	Qty.
PYK TEST	498 559	25
PYK TEST A	498 659	25

Type	Cat.No.	Qty.
UK 4/2	476 232	25
UK 4/3	476 233	20
UK 4/4	476 234	15
UK 4/10	476 239	5

Type	Cat.No.	Qty.
D_NS 6x10, SLF-P2 W, DB 10/6, DG 10/6, DG 10/6T, SLF-P1 W		

Voltage, V ~	Current, A	Cross-Section
800	24	2,5 mm <sup>2</sup>
600	20	AWG 22-12

Type	Cat.No.	Qty.
NPP/PYK 4 E	446 559	50

Type	Cat.No.	Qty.
PYK TEST	498 559	25

Type	Cat.No.	Qty.
UK 2,5/2	476 222	25
UK 2,5/3	476 223	20
UK 2,5/4	476 224	15
UK 2,5/10	476 229	5

Type	Cat.No.	Qty.
D_NS 5x10, SLF-P2 W, DB 10/5, DG 10/5, DG 10/5T, SLF-P1 W		

Type	Cat.No.	Qty.
NPP/PYK 4 E	446 559	50

Type	Cat.No.	Qty.
PYK TEST	498 559	25

Type	Cat.No.	Qty.
UK 4/2	476 232	25
UK 4/3	476 233	20
UK 4/4	476 234	15
UK 4/10	476 239	5

Type	Cat.No.	Qty.
D_NS 6x10, SLF-P2 W, DB 10/6, DG 10/6, DG 10/6T, SLF-P1 W		

Voltage, V ~	Current, A	Cross-Section
800	24	2,5 mm <sup>2</sup>
600	20	AWG 22-12

Type	Cat.No.	Qty.
NPP/PYK 4 E	446 559	50

Type	Cat.No.	Qty.
PYK TEST	498 559	25

Type	Cat.No.	Qty.
UK 2,5/2	476 222	25
UK 2,5/3	476 223	20
UK 2,5/4	476 224	15
UK 2,5/10	476 229	5

Type	Cat.No.	Qty.
D_NS 5x10, SLF-P2 W, DB 10/5, DG 10/5, DG 10/5T, SLF-P1 W		

Type	Cat.No.	Qty.
NPP/PYK 4 E	446 559	50

Type	Cat.No.	Qty.
PYK TEST	498 559	25

Type	Cat.No.	Qty.
UK 4/2	476 232	25
UK 4/3	476 233	20
UK 4/4	476 234	15
UK 4/10	476 239	5

Type	Cat.No.	Qty.
D_NS 6x10, SLF-P2 W, DB 10/6, DG 10/6, DG 10/6T, SLF-P1 W		

Voltage, V ~	Current, A	Cross-Section
800	32	4 mm <sup>2</sup>
600	30	AWG 22-12

Type	Cat.No.	Qty.
NPP/PYK 4 E	446 559	50

Type	Cat.No.	Qty.
PYK TEST	498 559	25

Type	Cat.No.	Qty.
UK 4/2	476 232	25
UK 4/3	476 233	20
UK 4/4	476 234	15
UK 4/10	476 239	5

Type	Cat.No.	Qty.
D_NS 6x10, SLF-P2 W, DB 10/6, DG 10/6, DG 10/6T, SLF-P1 W		

Type	Cat.No.	Qty.
NPP/PYK 4 E	446 559	50

Type	Cat.No.	Qty.
PYK TEST	498 559	25

Type	Cat.No.	Qty.
UK 4/2	476 232	25
UK 4/3	476 233	20
UK 4/4	476 234	15
UK 4/10	476 239	5

Type	Cat.No.	Qty.
D_NS 6x10, SLF-P2 W, DB 10/6, DG 10/6, DG 10/6T, SLF-P1 W		

Voltage, V ~	Current, A	Cross-Section
800	30	

Type	Cat.No.	Qty.
NPP/PYK 4 E	446 559	50

Type	Cat.No.	Qty.
PYK TEST	498 559	25

Type	Cat.No.	Qty.
UK 4/2	476 232	25
UK 4/3	476 233	20
UK 4/4	476 234	15
UK 4/10	476 239	5

Type	Cat.No.	Qty.
D_NS 6x10, SLF-P2 W, DB 10/6, DG 10/6, DG 10/6T, SLF-P1 W		

Type	Cat.No.	Qty.
NPP/PYK 4 E	446 559	50

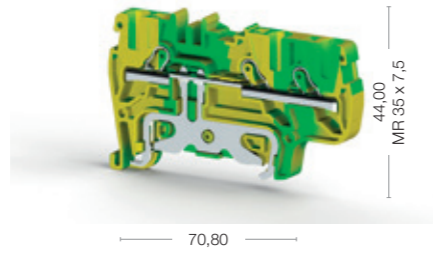
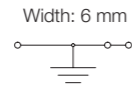
Type	Cat.No.	Qty.
PYK TEST	498 559	25

Type	Cat.No.	Qty.
UK 4/2	476 232	25
UK 4/3	476 233	20
UK 4/4	476 234	15
UK 4/10	476 239	5

Type	Cat.No.	Qty.
D_NS 6x10, SLF-P2 W, DB 10/6, DG 10/6, DG 10/6T, SLF-P1 W		

**PYK Series**  
**One input - Two Output**  
**Two input - Two Output**  
**Spring Clamp**  
**Terminals**

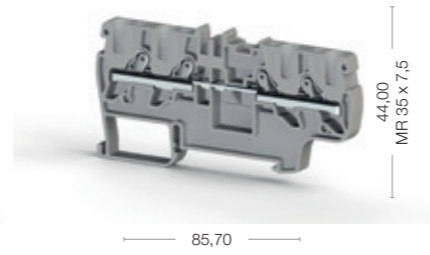
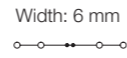
**PYK 4 ET**



Cat No:

336 600

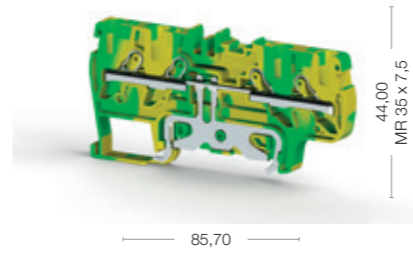
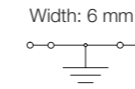
**PYK 4 C**



Cat No:

307 669  
307 660

**PYK 4 CT**



Cat No:

336 610



Electrical Ratings
CE (EN 60947-7-1 - EN 60947-7-2)
UL
VDE (IEC 60947-7-1)
CSA
ATEX

Connection Data	
Conductor cross section solid (min.-max.)	0,34-6 mm <sup>2</sup>
Conductor cross section stranded (min.-max.)	0,25-4 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	1 mm <sup>2</sup>
AWG Conductor	AWG 22-10
Insulation Stripping Length (min.-max.)	9-10 mm
Screwdriver	KT 2 (0,5x3,0)

End Plate

Test Terminal Block

Push-in Cross Connection

Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A4
Protection class / Protection conductor type	IP 20 / -

Marking Tags (Dekafix)
See pages 326-333 for a list of Dekafix

Package Quantity
50 pcs.

Voltage, V ~	Current, A	Cross-Section
		4 mm <sup>2</sup>

Type	Cat.No.	Qty.
NPP/PYK 4 ET	446 552T	50

Type	Cat.No.	Qty.
PYK TEST	498 559	25
PYK TEST A	498 659	25

Type	Cat.No.	Qty.
UK 4/2	476 232	25
UK 4/3	476 233	20
UK 4/4	476 234	15
UK 4/10	476 239	5

Type	Cat.No.	Qty.

Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A4
Protection class / Protection conductor type	IP 20 / -

Marking Tags (Dekafix)
D_NS 6x10, DB 10/6, DG 10/6, DG 10/6T, SLF-P1 W

Package Quantity
45 pcs.

Voltage, V ~	Current, A	Cross-Section
		4 mm <sup>2</sup>

Type	Cat.No.	Qty.
NPP/PYK 4C	446 679	25

Type	Cat.No.	Qty.

Type	Cat.No.	Qty.

Type	Cat.No.	Qty.

Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A4
Protection class / Protection conductor type	IP 20 / -

Marking Tags (Dekafix)
D_NS 6x10, DB 10/6, DG 10/6, DG 10/6T, SLF-P1 W

Package Quantity
45 pcs.

Voltage, V ~	Current, A	Cross-Section
		4 mm <sup>2</sup>

Type	Cat.No.	Qty.
NPP/PYK 4 CT	446 672T	25

Type	Cat.No.	Qty.

Type	Cat.No.	Qty.

Type	Cat.No.	Qty.

Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A4
Protection class / Protection conductor type	IP 20 / -

Marking Tags (Dekafix)
D_NS 6x10, DB 10/6, DG 10/6, DG 10/6T, SLF-P1 W

Package Quantity
45 pcs.

Voltage, V ~	Current, A	Cross-Section
		4 mm <sup>2</sup>

Type	Cat.No.	Qty.

Type	Cat.No.	Qty.

Type	Cat.No.	Qty.

Type	Cat.No.	Qty.

Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A4
Protection class / Protection conductor type	IP 20 / -

Marking Tags (Dekafix)
D_NS 6x10, DB 10/6, DG 10/6, DG 10/6T, SLF-P1 W

Package Quantity
45 pcs.

# PYK Series

## One input - Two Output

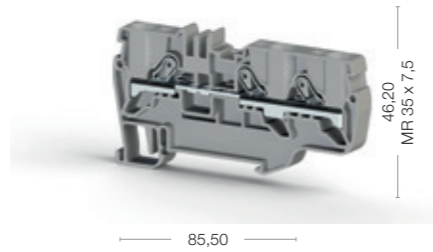
## Two input - Two Output

## Spring Clamp

## Terminals

### PYK 6 E

Width: 8 mm

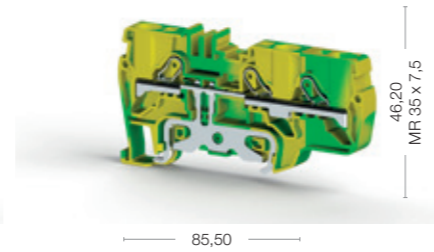


Cat No:

- 307 639
- 307 630

### PYK 6 ET

Width: 8 mm

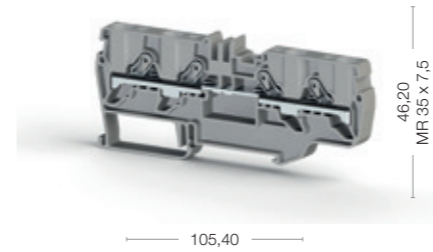


Cat No:

- 336 620

### PYK 6 C

Width: 8 mm

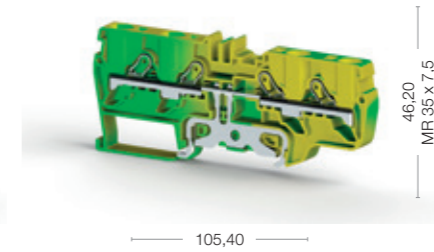


Cat No:

- 307 649
- 307 640

### PYK 6 CT

Width: 8 mm

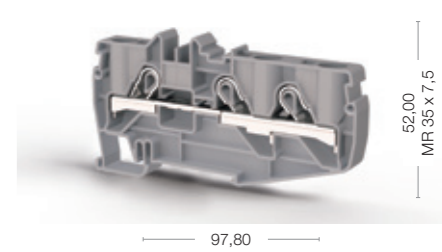


Cat No:

- 336 630

### PYK 10 E

Width: 10 mm



Cat No:

- 307 149
- 307 140



Electrical Ratings
CE (EN 60947-7-1 - EN 60947-7-2)
UL
VDE (IEC 60947-7-1)
CSA
ATEX

Voltage, V ~	Current, A	Cross-Section
1000	41	6 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
		6 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
1000	41	6 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
1000	41	6 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
		6 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
800	57	10 mm <sup>2</sup>

Connection Data
Conductor cross section solid (min.-max.)
Conductor cross section stranded (min.-max.)
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve
AWG Conductor
Insulation Stripping Length (min.-max.)
Screwdriver

0,5-10 mm <sup>2</sup>
0,5-6 mm <sup>2</sup>
1,5 mm <sup>2</sup>
AWG 20-8
11-13 mm
KT 3 (0,6x3,5)

0,5-10 mm <sup>2</sup>
0,5-6 mm <sup>2</sup>
1,5 mm <sup>2</sup>
AWG 20-8
11-13 mm
KT 3 (0,6x3,5)

0,5-10 mm <sup>2</sup>
0,5-6 mm <sup>2</sup>
1,5 mm <sup>2</sup>
AWG 20-8
11-13 mm
KT 3 (0,6x3,5)

0,5-10 mm <sup>2</sup>
0,5-6 mm <sup>2</sup>
1,5 mm <sup>2</sup>
AWG 20-8
11-13 mm
KT 3 (0,6x3,5)

0,5-10 mm <sup>2</sup>
0,5-6 mm <sup>2</sup>
1,5 mm <sup>2</sup>
AWG 20-8
11-13 mm
KT 3 (0,6x3,5)

0,5-16 mm <sup>2</sup>
0,5-10 mm <sup>2</sup>
4 mm <sup>2</sup>
AWG 20-6
13-15 mm
KT 4 (0,8x4,0)

End Plate


Type	Cat.No.	Qty.
NPP/PYK 6 E	446 689	25

Type	Cat.No.	Qty.
NPP/PYK 6 ET	446 682T	25

Type	Cat.No.	Qty.
NPP/PYK 6 C	446 699	25

Type	Cat.No.	Qty.
NPP/PYK 6 CT	446 692T	25

Type	Cat.No.	Qty.
NPP/PYK 10E	446 709	25

Test Terminal Block


Type	Cat.No.	Qty.
PYK TEST	498 559	25


Type	Cat.No.	Qty.

Type	Cat.No.	Qty.
PYK TEST	498 559	25

Type	Cat.No.	Qty.

Type	Cat.No.	Qty.

Type	Cat.No.	Qty.

Push-in Cross Connection


Type	Cat.No.	Qty.
UK 6/2	476 242	25
UK 6/3	476 243	10
UK 6/4	476 244	15
UK 6/9	476 249	5

Type	Cat.No.	Qty.

Type	Cat.No.	Qty.

Type	Cat.No.	Qty.
UK 6/2	476 242	25
UK 6/3	476 243	10
UK 6/4	476 244	15
UK 6/9	476 249	5

Type	Cat.No.	Qty.

Type	Cat.No.	Qty.
UK 10/2	476 252	25
UK 10/3	476 253	20
UK 10/4	476 254	15
UK 10/10	476 259	5

Technical Data
Rated Impulse Voltage / Pollution severity
Insulation material group / Gauge pin code according to IEC 60947-1
Protection class / Protection conductor type
<b>Marking Tags (Dekafix)</b>
See pages 326-333 for a list of Dekafix

8/3
1/A5
IP 20 / -
D_NS 8x10, DG 10/8, DG 10/8T, SLF-P1 W

8/3
1/A5
IP 20 / -
D_NS 8x10, DG 10/8, DG 10/8T, SLF-P1 W

8/3
1/A5
IP 20 / -
D_NS 8x10, DG 10/8, DG 10/8T, SLF-P1 W

8/3
1/A5
IP 20 / -
D_NS 8x10, DG 10/8, DG 10/8T, SLF-P1 W

8/3
1/A5
IP 20 / -
D_NS 8x10, DG 10/8, DG 10/8T, SLF-P1 W

8/3
1/B7
IP 20 / -
D_NS 10x10, DG 10/10, SLF-P1 W

Package Quantity
45 pcs.

45 pcs.
---------

45 pcs.
---------

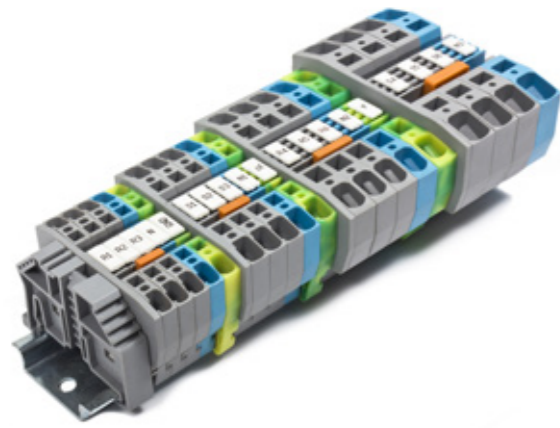
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35 pcs.
---------

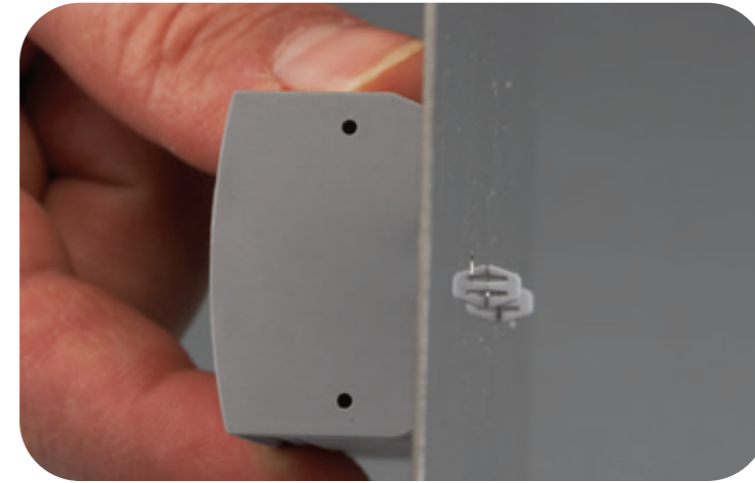
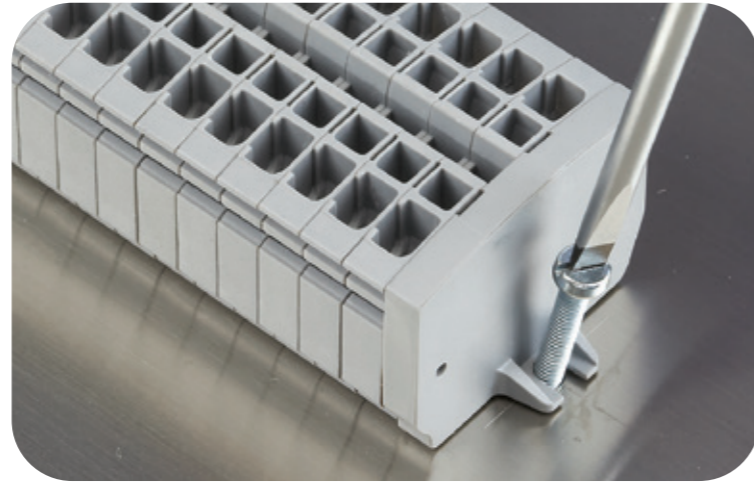
35 pcs.
---------

50 pcs.
---------

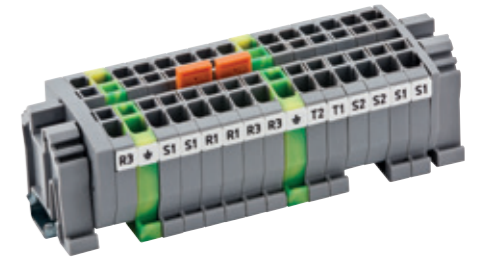
# YBK Series Spring Clamp Terminals



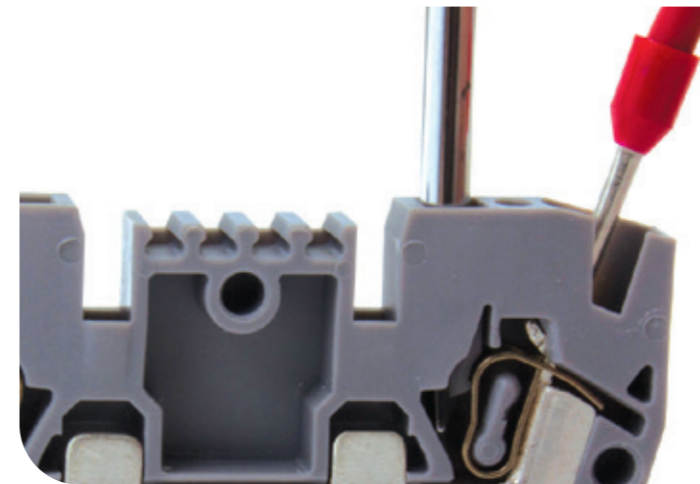
YBK Series Spring Clamp Terminals provide 2,5 ..... 10 mm<sup>2</sup> cross-section range. . Are suitable for usage with or without ferrules. So that to make connection, it is enough to release the spring with the help of screw-driver and then to push the cable into the terminal, Terminals accessories like End Plates and Cross Connections, make the mounting process faster like in Test Terminals. Special Marking solutions for each cross section can be provided by Plotter.



YBK Series Earth Terminals provides new design, which will satisfy customer tastes. YBK series provide non-corrosing contacts. The main difference between Spring Clamp Earth terminals and the Screw Connection Earth terminals is the automatic contact when the terminal blocks are attached on the DIN-rail, which makes wiring more practical and time-saving.



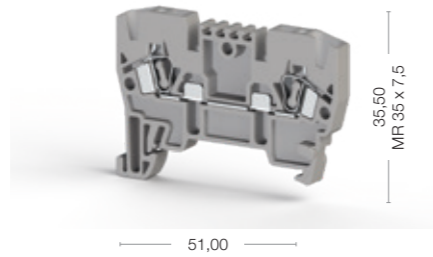
MYK Type Mini Terminals are available in 2,5 mm<sup>2</sup> cross-section. Can be mounted on MR 15x5,5 mm DIN-rail or directly on a flat surface. Earth Terminals, accessories, suitable for each usage, like End Plates and Cross Connections, make the mounting process faster. Marking solutions can be provided by Plotter. MYK series offer ideal solutions to projects which have narrow and limited space in panels, junction Boxes.



# YBK Spring Clamp Terminals

## YBK 2,5

Width: 5 mm

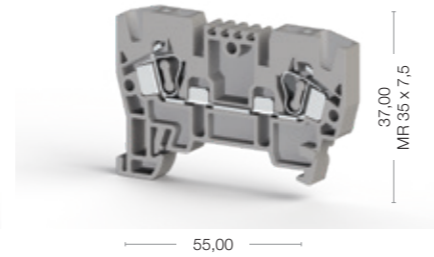


Cat No:

- 306 229
- 306 220

## YBK 4

Width: 6 mm

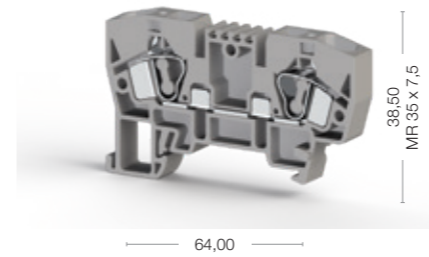


Cat No:

- 306 239
- 306 230

## YBK 6

Width: 8 mm

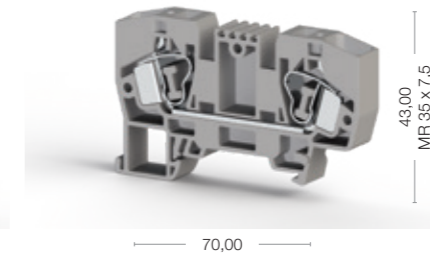


Cat No:

- 306 249
- 306 240

## YBK 10

Width: 10 mm



Cat No:

- 306 259
- 306 250



Electrical Ratings
CE (EN 60947-7-1)
UL
VDE (IEC 60947-7-1)
CSA
ATEX

Connection Data	
Conductor cross section solid (min.-max.)	0,08-4 mm <sup>2</sup>
Conductor cross section stranded (min.-max.)	0,08-2,5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm <sup>2</sup>
AWG Conductor	AWG 28-12
Insulation Stripping Length (min.-max.)	9-10 mm
Screwdriver	KT 2 (0,5x3,0)

End Plate


Push-in Cross Connection


Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3
Protection class / Protection conductor type	IP 20 / -
Marking Tags (Dekafix)	D_NS 5x10, DB 10/5, DG 10/5, DG 10/5T

Package Quantity
100 pcs.

Voltage, V ~	Current, A	Cross-Section
750	24	2,5 mm <sup>2</sup>
600	20	AWG 22-12

Type	Cat.No.	Qty.
NPP/YBK 2,5	446 329	100

Type	Cat.No.	Qty.
UK 2,5/2	476 222	25
UK 2,5/3	476 223	20
UK 2,5/4	476 224	15
UK 2,5/10	476 229	5

Voltage, V ~	Current, A	Cross-Section
750	32	4 mm <sup>2</sup>
600	26	AWG 22-10

Type	Cat.No.	Qty.
NPP/YBK 4	446 339	100

Type	Cat.No.	Qty.
UK 4/2	476 232	25
UK 4/3	476 233	20
UK 4/4	476 234	15
UK 4/10	476 239	5

Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A4
Protection class / Protection conductor type	IP 20 / -
Marking Tags (Dekafix)	D_NS 6x10, DB 10/6, DG 10/6, DG 10/6T

Package Quantity
100 pcs.

Voltage, V ~	Current, A	Cross-Section
750	41	6 mm <sup>2</sup>
600	35	AWG 22-8

Type	Cat.No.	Qty.
NPP/YBK 6	446 349	100

Type	Cat.No.	Qty.
UK 6/2	476 242	25
UK 6/3	476 243	20
UK 6/4	476 244	15
UK 6/10	476 249	5

Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A5
Protection class / Protection conductor type	IP 20 / -
Marking Tags (Dekafix)	D_NS 8x10, DG 10/8

Package Quantity
100 pcs.

Voltage, V ~	Current, A	Cross-Section
750	57	10 mm <sup>2</sup>
600	55	AWG 20-6

Type	Cat.No.	Qty.
NPP/YBK 10	446 359	100

Type	Cat.No.	Qty.
UK 10/2	476 252	25
UK 10/3	476 253	20
UK 10/4	476 254	15
UK 10/10	476 259	5

Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A6
Protection class / Protection conductor type	IP 20 / -
Marking Tags (Dekafix)	D_NS 10x10, DG 10/10

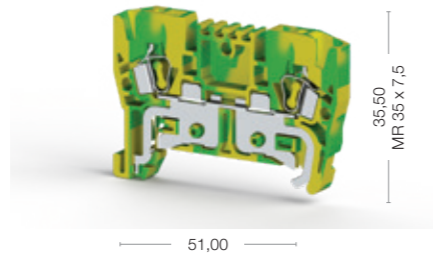
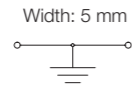
Package Quantity
50 pcs.

Color							
Color code is the last digit of the order number							
Blue	Green	Yellow	Red	Black	White	Orange	Brown
1	2	3	4	5	6	7	8

Color							
Color code is the last digit of the order number							
Blue	Green	Yellow	Red	Black	White	Orange	Brown
1	2	3	4	5	6	7	8

# YBK Spring Clamp Earth Terminals

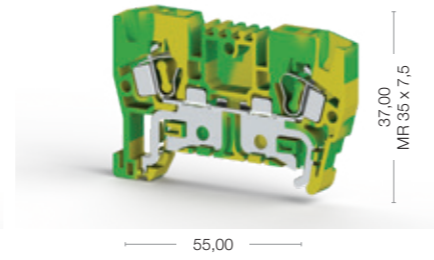
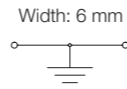
## YBK 2,5 T



Cat No:

336 220

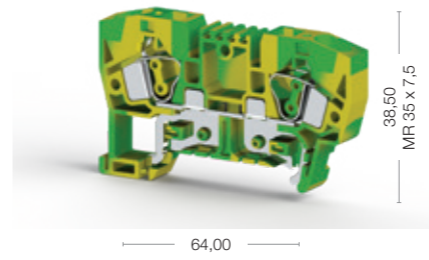
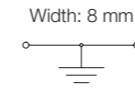
## YBK 4 T



Cat No:

336 230

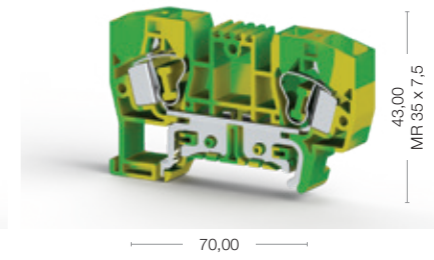
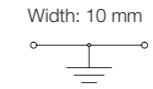
## YBK 6 T



Cat No:

336 240


## YBK 10 T



Cat No:

336 250

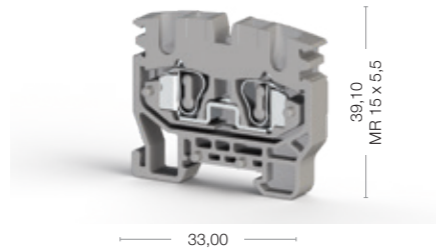


Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-2)			2,5 mm <sup>2</sup>			4 mm <sup>2</sup>			6 mm <sup>2</sup>			10 mm <sup>2</sup>
UL			AWG 22-12			AWG 22-10			AWG 22-8			AWG 20-6
VDE (IEC 60947-7-2)												
CSA												
ATEX												
Connection Data												
Conductor cross section solid (min.-max.)	0,08-4 mm <sup>2</sup>			0,08-6 mm <sup>2</sup>			0,2-10 mm <sup>2</sup>			0,2-16 mm <sup>2</sup>		
Conductor cross section stranded (min.-max.)	0,08-2,5 mm <sup>2</sup>			0,08-4 mm <sup>2</sup>			0,2-6 mm <sup>2</sup>			0,2-10 mm <sup>2</sup>		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm <sup>2</sup>			1 mm <sup>2</sup>			1,5 mm <sup>2</sup>			2,5 mm <sup>2</sup>		
AWG Conductor	AWG 28-12			AWG 28-10			AWG 24-8			AWG 24-6		
Insulation Stripping Length (min.-max.)	9-10 mm			10-12 mm			10-12 mm			11-13 mm		
Screwdriver	KT 2 (0,5x3,0)			KT 3 (0,6x3,5)			KT 4 (0,8x4,0)			KT 4 (0,8x4,0)		
End Plate	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.
	NPP/YBK 2,5 T	446 322T	10	NPP/YBK 4 T	446 332T	10	NPP/YBK 6 T	446 342T	10	NPP/YBK 10 T	446 352T	10
Technical Data												
Rated Impulse Voltage / Pollution severity	8/3			8/3			8/3			8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3			1/A4			1/A5			1/A6		
Protection class / Protection conductor type	IP 20 / PE			IP 20 / PE			IP 20 / PE			IP 20 / PE		
Marking Tags (Dekafix)												
See pages 326-333 for a list of Dekafix	D_NS 5x10, DB 10/5, DG 10/5, DG 10/5T			D_NS 6x10, DB 10/6, DG 10/6, DG 10/6T			D_NS 8x10, DG 10/8			D_NS 10x10, DG 10/10		
Package Quantity	50 pcs.			50 pcs.			40 pcs.			30 pcs.		

# YBK Series Mini Terminals

## MYK 2,5

Width: 5 mm



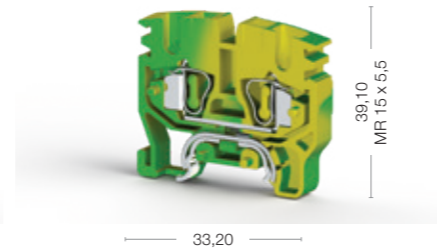
33,00

Cat No:

- 306 429
- 306 420

## MYK 2,5 T

Width: 5 mm



33,20

Cat No:

- 336 420

## MYPK 2,5

Width: 5 mm



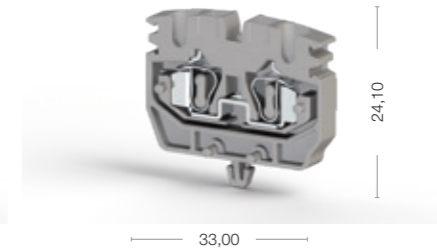
33,00

Cat No:

- 306 439
- 306 430

## MYSK 2,5

Width: 5 mm



33,00

Cat No:

- 306 449
- 306 440



Electrical Ratings
CE (EN 60947-7-1 - EN 60947-7-2)
UL
VDE (IEC 60947-7-1)
CSA
ATEX

Connection Data	
Conductor cross section solid (min.-max.)	0,08-4 mm <sup>2</sup>
Conductor cross section stranded (min.-max.)	0,08-2,5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm <sup>2</sup>
AWG Conductor	AWG 28-12
Insulation Stripping Length (min.-max.)	9-10 mm
Screwdriver	KT 2 (0,5x3,0)

End Plate			
	Type	Cat.No.	Qty.
	NPP 1 MYK	446 429	100
	NPP 2 MYK	446 439	100

Push-in Cross Connection			
	Type	Cat.No.	Qty.
	UK 2,5/2	476 222	25
	UK 2,5/3	476 223	20
	UK 2,5/4	476 224	15
	UK 2,5/10	476 229	5

Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/B3
Protection class / Protection conductor type	IP 20 / -
Marking Tags (Dekafix)	DB 5

Package Quantity
50 pcs.

Voltage, V ~	Current, A	Cross-Section
750	24	2,5 mm <sup>2</sup>
600	20	AWG 22-12
500	18	

Type	Cat.No.	Qty.
NPP 1 MYK 2,5 T	446 422T	100
NPP 2 MYK 2,5 T	446 432T	100

Type	Cat.No.	Qty.
UK 2,5/2	476 222	25
UK 2,5/3	476 223	20
UK 2,5/4	476 224	15
UK 2,5/10	476 229	5

Type	Cat.No.	Qty.
8/3		
1/B3		
IP 20 / -		
DB 5		

Type	Cat.No.	Qty.
NPP 1 MYK 2,5 T	446 422T	100
NPP 2 MYK 2,5 T	446 432T	100

Type	Cat.No.	Qty.
UK 2,5/2	476 222	25
UK 2,5/3	476 223	20
UK 2,5/4	476 224	15
UK 2,5/10	476 229	5

Type	Cat.No.	Qty.
8/3		
1/B3		
IP 20 / -		
DB 5		

Type	Cat.No.	Qty.
50 pcs.		

Voltage, V ~	Current, A	Cross-Section
		2,5 mm <sup>2</sup>
		AWG 22-12

Type	Cat.No.	Qty.
NPP 1 MYK 2,5 T	446 422T	100
NPP 2 MYK 2,5 T	446 432T	100

Type	Cat.No.	Qty.
UK 2,5/2	476 222	25
UK 2,5/3	476 223	20
UK 2,5/4	476 224	15
UK 2,5/10	476 229	5

Type	Cat.No.	Qty.
8/3		
1/B3		
IP 20 / PE		
DB 5		

Type	Cat.No.	Qty.
NPP 1 MYK 2,5 T	446 422T	100
NPP 2 MYK 2,5 T	446 432T	100

Type	Cat.No.	Qty.
50 pcs.		

Voltage, V ~	Current, A	Cross-Section
750	24	2,5 mm <sup>2</sup>
600	20	AWG 22-12
500	18	

Type	Cat.No.	Qty.
NPP MYPD 1	495 079	100
NPP MYPD 2	495 089	100

Type	Cat.No.	Qty.
UK 2,5/2	476 222	25
UK 2,5/3	476 223	20
UK 2,5/4	476 224	15
UK 2,5/10	476 229	5

Type	Cat.No.	Qty.
8/3		
1/B3		
IP 20 / -		
DB 5		

Type	Cat.No.	Qty.
NPP MYPD 1	495 079	100
NPP MYPD 2	495 089	100

Type	Cat.No.	Qty.
100 pcs.		

\* For panel surface Mounting

Voltage, V ~	Current, A	Cross-Section
750	24	2,5 mm <sup>2</sup>
600	20	AWG 22-12
500	18	

Type	Cat.No.	Qty.
NPP MYK 1	446 429	100
NPP MYK 2	446 439	100

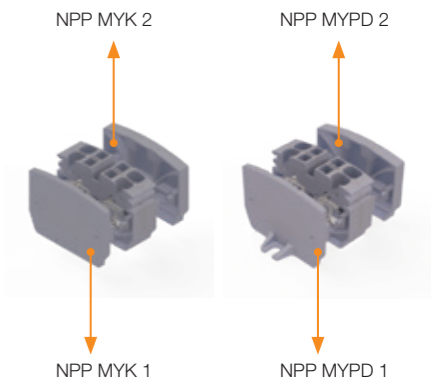
Type	Cat.No.	Qty.
UK 2,5/2	476 222	25
UK 2,5/3	476 223	20
UK 2,5/4	476 224	15
UK 2,5/10	476 229	5

Type	Cat.No.	Qty.
8/3		
1/B3		
IP 20 / -		
DB 5		

Type	Cat.No.	Qty.
NPP MYK 1	446 429	100
NPP MYK 2	446 439	100

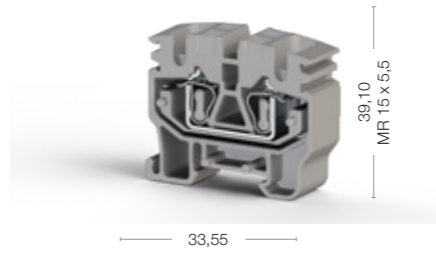
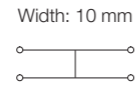
Type	Cat.No.	Qty.
100 pcs.		

\* 3.5 mm (diameter) hole must be opened on panel surface.



# YBK Series Mini Terminals

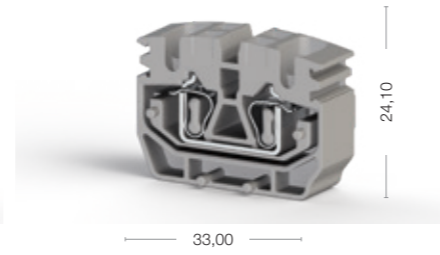
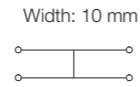
## MYK 2,5 C



Cat No:

- 306 479
- 306 470

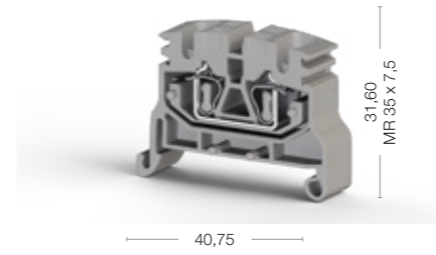
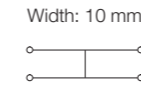
## MYPK 2,5 C



Cat No:

- 306 489
- 306 480

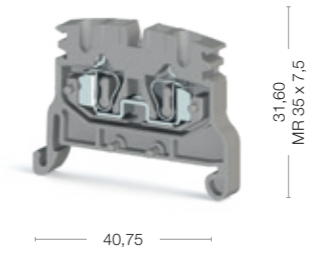
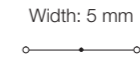
## MYKR 2,5 C



Cat No:

- 306 499
- 306 490

## MYKR 2,5



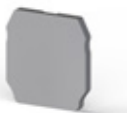

Cat No:



- 306 509
- 306 500



Electrical Ratings
CE (EN 60947-7-1)
UL
VDE (IEC 60947-7-1)
CSA
ATEX

Connection Data	
Conductor cross section solid (min.-max.)	0,08-4 mm <sup>2</sup>
Conductor cross section stranded (min.-max.)	0,08-2,5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm <sup>2</sup>
AWG Conductor	AWG 28-12
Insulation Stripping Length (min.-max.)	9-10 mm
Screwdriver	KT 2 (0,5x3,0)

End Plate	
	

Push-in Cross Connection	
	

Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/B3
Protection class / Protection conductor type	IP 20 / -
Marking Tags (Dekafix)	DB 5
See pages 326-333 for a list of Dekafix	

Package Quantity
100 pcs.

Voltage, V ~	Current, A	Cross-Section
800	24	2,5 mm <sup>2</sup>

Type	Cat.No.	Qty.
NPP 1 MYK 2,5C	446 429	100
NPP 2 MYK 2,5C	446 439	100

Voltage, V ~	Current, A	Cross-Section
800	24	2,5 mm <sup>2</sup>

Type	Cat.No.	Qty.
NPP MYPD 1	495 079	100
NPP MYPD 2	495 089	100

Voltage, V ~	Current, A	Cross-Section
800	24	2,5 mm <sup>2</sup>

Type	Cat.No.	Qty.
NPP 1 MYK	446 429	100
NPP 2 MYK	446 439	100

Voltage, V ~	Current, A	Cross-Section
800	24	2,5 mm <sup>2</sup>

Type	Cat.No.	Qty.
UK 2,5/2	476 222	25
UK 2,5/3	476 223	20
UK 2,5/4	476 224	15
UK 2,5/10	476 229	5

Voltage, V ~	Current, A	Cross-Section
750	24	2,5 mm <sup>2</sup>

Type	Cat.No.	Qty.
NPP 1 MYK	446 429	100
NPP 2 MYK	446 439	100

Type	Cat.No.	Qty.
UK 2,5/2	476 222	25
UK 2,5/3	476 223	20
UK 2,5/4	476 224	15
UK 2,5/10	476 229	5

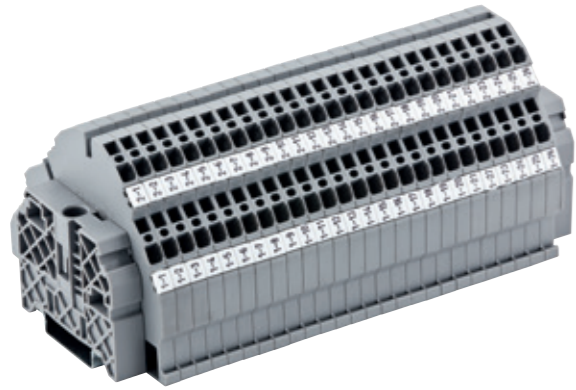
Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/B3
Protection class / Protection conductor type	IP 20 / -
Marking Tags (Dekafix)	DB 5
See pages 326-333 for a list of Dekafix	

Package Quantity
50 pcs.

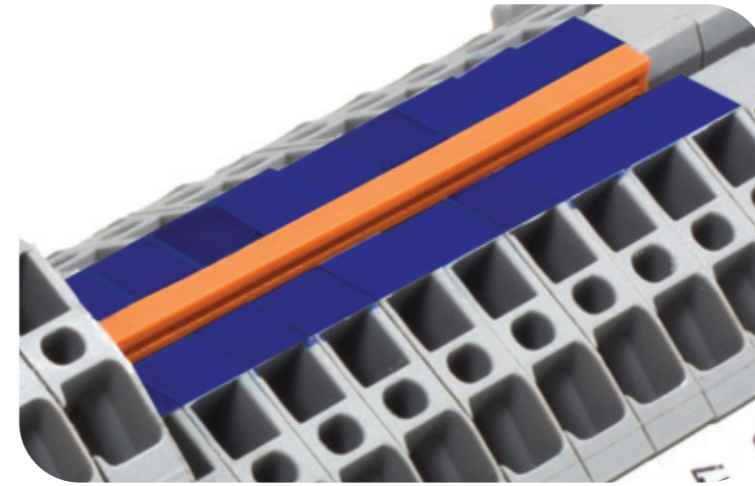
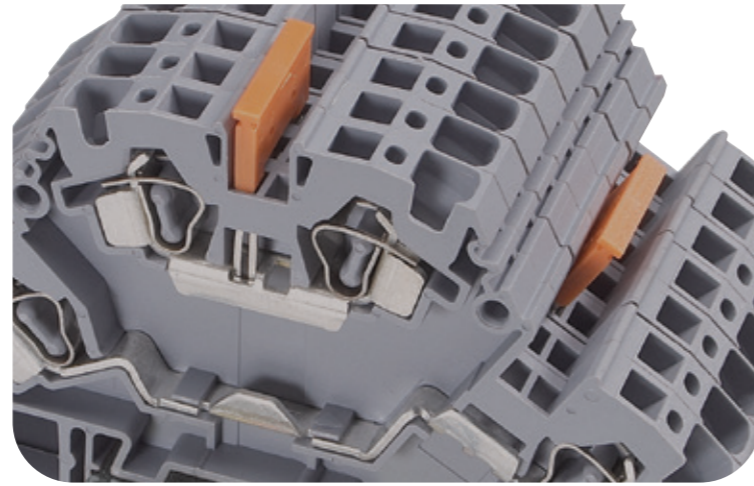
\* For panel surface mounting



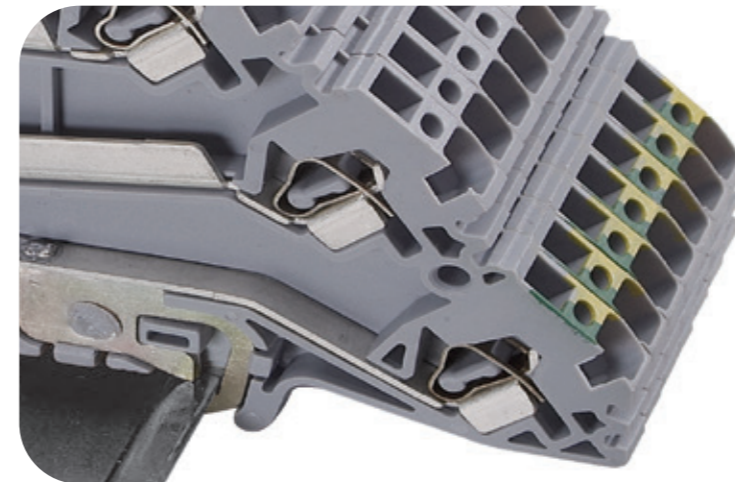
# YBK Series Double - Deck / Multilevel Terminals



YBK Series Spring Clamp Double Deck Rail Terminals are available in 2,5 - 4 mm<sup>2</sup> cross-section range. Double wiring density available without extension of mounting rails. Interconnection / shorting can be done at both levels. Special Marking solutions for each cross section can be provided by Plotter Labeling.

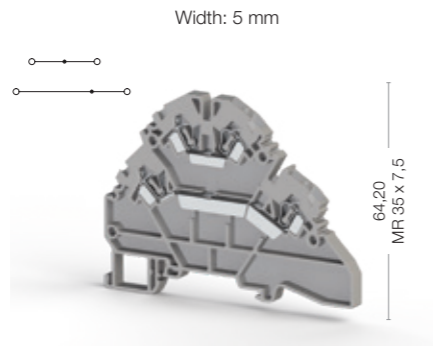


YBK Series Spring Clamp Multilevel Terminals make wiring more practical, reduce the installation costs and speed the wiring. Panels which exist switch lines & lightening, provide phase-neutral-Earth connection in one terminal. Are ideal for usage in industries where motors are working a lot, because of more practical wiring. Provide individual cross connections for each layer. Group marking carrier is used to provide more visual marking in base layer. Special Marking solutions for each cross section can be provided by Plotter Labeling.



# Double - Deck Spring Clamp Terminals

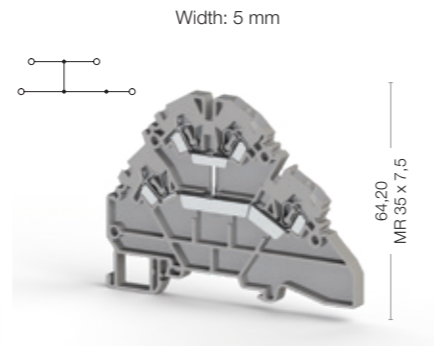
## YBK 2,5 - 2 F



Cat No:

- 316 109
- 316 100

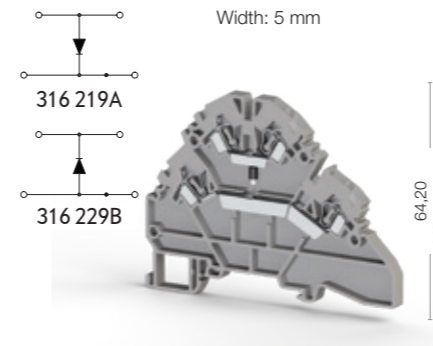
## YBK 2,5 - 2 FK



Cat No:

- 316 129
- 316 120

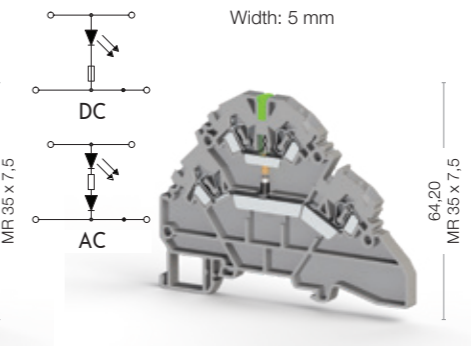
## YBK 2,5 - 2 FD



Cat No:

- 316 219 / 229
- 316 210 / 220

## YBK 2,5 - 2 FLD



Cat No:

- 316 319
- 316 310



Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	500	24	2,5 mm <sup>2</sup>
UL	600	24	AWG 22-12
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Connection Data	Conductor cross section solid (min.-max.)	Conductor cross section stranded (min.-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	AWG Conductor	Insulation Stripping Length (min.-max.)	Screwdriver
	0,08-4 mm <sup>2</sup>	0,08-2,5 mm <sup>2</sup>	0,5 mm <sup>2</sup>	AWG 28-12	9-10 mm	KT 2 (0,5x3,0)

Ordering Data	Type	Cat.No.	Qty.
	NPP YBK 2,5-2 F	446 299	10

Technical Data For Diode	Diode Reverse Voltage	Diode Current	Diod
	1000 V	1 A	1 N 4007

End Plate	Type	Cat.No.	Qty.
	NPP YBK 2,5-2 F	446 299	10

Push-in Cross Connection	Type	Cat.No.	Qty.
	UK 2,5/2	476 222	25
	UK 2,5/3	476 223	20
	UK 2,5/4	476 224	15
	UK 2,5/10	476 229	5

Technical Data	Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type	Marking Tags (Dekafix)
	8/3	1/A3	IP 20 / -	D_NS 5x6, DB 5, DG 6/5

Package Quantity	Quantity
	30 pcs.

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	500	24	2,5 mm <sup>2</sup>
UL	600	24	AWG 22-12
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Connection Data	Conductor cross section solid (min.-max.)	Conductor cross section stranded (min.-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	AWG Conductor	Insulation Stripping Length (min.-max.)	Screwdriver
	0,08-4 mm <sup>2</sup>	0,08-2,5 mm <sup>2</sup>	0,5 mm <sup>2</sup>	AWG 28-12	9-10 mm	KT 2 (0,5x3,0)

Ordering Data	Type	Cat.No.	Qty.
	NPP YBK 2,5-2 F	446 299	10

Technical Data For Diode	Diode Reverse Voltage	Diode Current	Diod
	1000 V	1 A	1 N 4007

End Plate	Type	Cat.No.	Qty.
	NPP YBK 2,5-2 F	446 299	10

Push-in Cross Connection	Type	Cat.No.	Qty.
	UK 2,5/2	476 222	25
	UK 2,5/3	476 223	20
	UK 2,5/4	476 224	15
	UK 2,5/10	476 229	5

Technical Data	Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type	Marking Tags (Dekafix)
	8/3	1/A3	IP 20 / -	D_NS 5x6, DB 5, DG 6/5

Package Quantity	Quantity
	30 pcs.

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	500	24	2,5 mm <sup>2</sup>
UL	600	24	AWG 22-12
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Connection Data	Conductor cross section solid (min.-max.)	Conductor cross section stranded (min.-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	AWG Conductor	Insulation Stripping Length (min.-max.)	Screwdriver
	0,08-4 mm <sup>2</sup>	0,08-2,5 mm <sup>2</sup>	0,5 mm <sup>2</sup>	AWG 28-12	9-10 mm	KT 2 (0,5x3,0)

Ordering Data	Type	Cat.No.	Qty.
	NPP YBK 2,5-2 F	446 299	10

Technical Data For Diode	Diode Reverse Voltage	Diode Current	Diod
	1000 V	1 A	1 N 4007

End Plate	Type	Cat.No.	Qty.
	NPP YBK 2,5-2 F	446 299	10

Push-in Cross Connection	Type	Cat.No.	Qty.
	UK 2,5/2	476 222	25
	UK 2,5/3	476 223	20
	UK 2,5/4	476 224	15
	UK 2,5/10	476 229	5

Technical Data	Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type	Marking Tags (Dekafix)
	8/3	1/A3	IP 20 / -	D_NS 5x6, DB 5, DG 6/5

Package Quantity	Quantity
	30 pcs.

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	500	0,5	2,5 mm <sup>2</sup>
UL	600	0,5	AWG 22-12
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Connection Data	Conductor cross section solid (min.-max.)	Conductor cross section stranded (min.-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	AWG Conductor	Insulation Stripping Length (min.-max.)	Screwdriver
	0,08-4 mm <sup>2</sup>	0,08-2,5 mm <sup>2</sup>	0,5 mm <sup>2</sup>	AWG 28-12	9-10 mm	KT 2 (0,5x3,0)

Ordering Data	Type	Cat.No.	Qty.
	YBK 2,5-2 FD-A	316 219	30
	YBK 2,5-2 FD-B	316 229	30

Technical Data For Diode	Diode Reverse Voltage	Diode Current	Diod
	1000 V	1 A	1 N 4007

End Plate	Type	Cat.No.	Qty.
	NPP YBK 2,5-2 F	446 299	10

Push-in Cross Connection	Type	Cat.No.	Qty.
	UK 2,5/2	476 222	25
	UK 2,5/3	476 223	20
	UK 2,5/4	476 224	15
	UK 2,5/10	476 229	5

Technical Data	Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type	Marking Tags (Dekafix)
	8/3	1/A3	IP 20 / -	D_NS 5x6, DB 5, DG 6/5

Package Quantity	Quantity
	30 pcs.

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	500	24	2,5 mm <sup>2</sup>
UL	600	24	AWG 22-12
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Connection Data	Conductor cross section solid (min.-max.)	Conductor cross section stranded (min.-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	AWG Conductor	Insulation Stripping Length (min.-max.)	Screwdriver
	0,08-4 mm <sup>2</sup>	0,08-2,5 mm <sup>2</sup>	0,5 mm <sup>2</sup>	AWG 28-12	9-10 mm	KT 2 (0,5x3,0)

Ordering Data	Type	Cat.No.	Qty.
	YBK 2,5 FLD (24V AC)	316 319	30
	YBK 2,5 FLD (24V DC)	316 329	30
	YBK 2,5 FLD (48V AC)	316 419	30
	YBK 2,5 FLD (48V DC)	316 429	30
	YBK 2,5 FLD (110V AC)	316 619	30
	YBK 2,5 FLD (110V DC)	316 629	30
	YBK 2,5 FLD (220V AC)	316 719	30
	YBK 2,5 FLD (220V DC)	316 729	30

Technical Data For Diode	Diode Reverse Voltage	Diode Current	Diod
	1000 V	1 A	1 N 4007

End Plate	Type	Cat.No.	Qty.
	NPP YBK 2,5-2 F	446 299	10

Push-in Cross Connection	Type	Cat.No.	Qty.
	UK 2,5/2	476 222	25
	UK 2,5/3	476 223	20
	UK 2,5/4	476 224	15
	UK 2,5/10	476 229	5

Technical Data	Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type	Marking Tags (Dekafix)
	8/3	1/A3	IP 20 / -	D_NS 5x6, DB 5, DG 6/5

Package Quantity	Quantity
	30 pcs.

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	500	24	2,5 mm <sup>2</sup>
UL	600	24	AWG 22-12
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Connection Data	Conductor cross section solid (min.-max.)	Conductor cross section stranded (min.-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	AWG Conductor	Insulation Stripping Length (min.-max.)	Screwdriver
	0,08-4 mm <sup>2</sup>	0,08-2,5 mm <sup>2</sup>	0,5 mm <sup>2</sup>	AWG 28-12	9-10 mm	KT 2 (0,5x3,0)

Ordering Data	Type	Cat.No.	Qty.
	YBK 2,5 FLD (24V AC)	316 319	30
	YBK 2,5 FLD (24V DC)	316 329	30
	YBK 2,5 FLD (48V AC)	316 419	30
	YBK 2,5 FLD (48V DC)	316 429	30
	YBK 2,5 FLD (110V AC)	316 619	30
	YBK 2,5 FLD (110V DC)	316 629	30
	YBK 2,5 FLD (220V AC)	316 719	30
	YBK 2,5 FLD (220V DC)	316 729	30

Technical Data For Diode	Diode Reverse Voltage	Diode Current	Diod
	1000 V	1 A	1 N 4007

End Plate	Type	Cat.No.	Qty.
	NPP YBK 2,5-2 F	446 299	10

Push-in Cross Connection	Type	Cat.No.	Qty.
	UK 2,5/2	476 222	25
	UK 2,5/3	476 223	20
	UK 2,5/4	476 224	15
	UK 2,5/10	476 229	5

Technical Data	Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type	Marking Tags (Dekafix)
	8/3	1/A3	IP 20 / -	D_NS 5x6, DB 5, DG 6/5

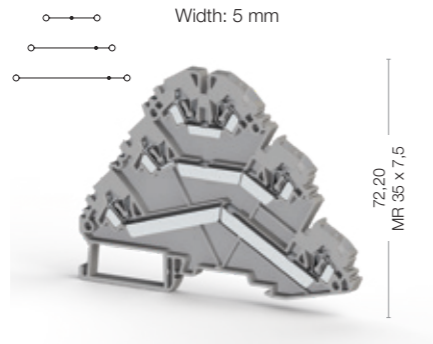
  

Package Quantity	Quantity
	30 pcs.



# Spring Clamp Multilevel Terminals

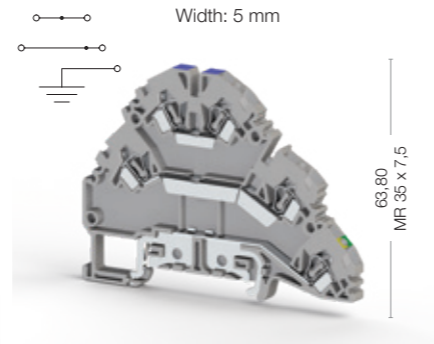
## YBK 2,5 - 3 F



Cat No:

- 324 509
- 324 500

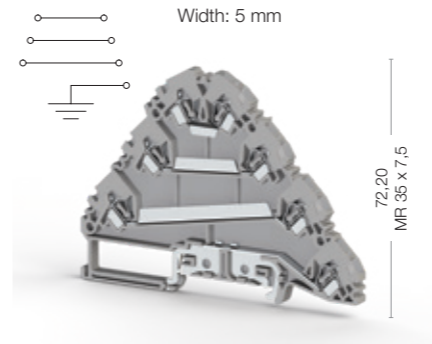
## YBK 2,5 - 2 FT



Cat No:

- 324 809
- 324 800

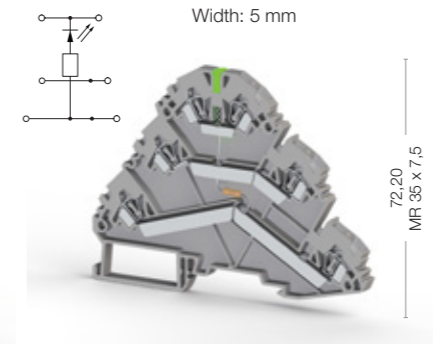
## YBK 2,5 - 3 FT



Cat No:

- 324 609
- 324 600

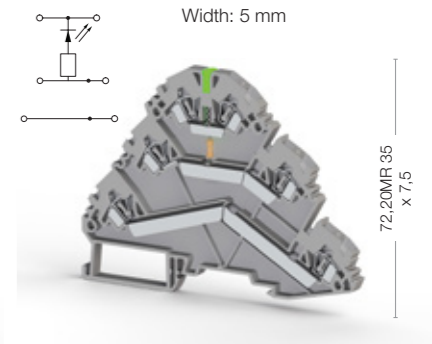
## YBK 2,5 - 3 FLD (NPN)



Cat No:

- 324 739
- 324 730



## YBK 2,5 - 3 FLD (PNP)



Cat No:

- 324 749
- 324 740

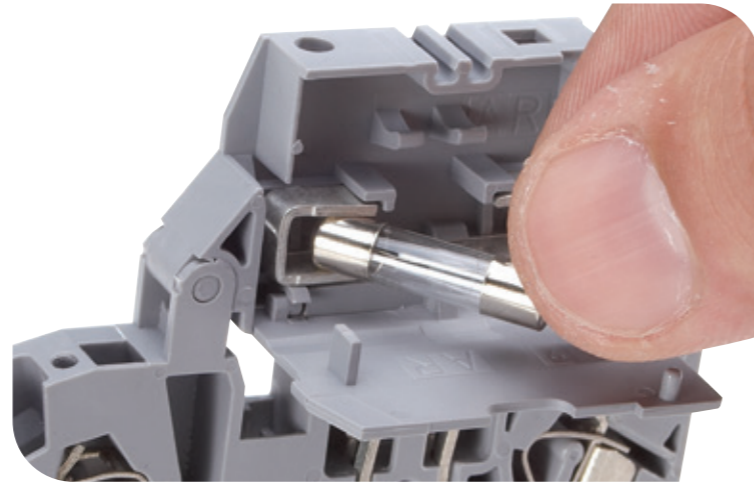


Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1 / EN 60947-7-2)	500	24	2,5 mm <sup>2</sup>	500	24	2,5 mm <sup>2</sup>	500	24	2,5 mm <sup>2</sup>	24	24	2,5 mm <sup>2</sup>	24	24	2,5 mm <sup>2</sup>
UL	600	20	AWG 22-12	600	20	AWG 22-12									
VDE (IEC 60947-7-1)															
CSA															
ATEX															
Connection Data															
Conductor cross section solid (min.-max.)	0,08-4 mm <sup>2</sup>			0,08-4 mm <sup>2</sup>			0,08-4 mm <sup>2</sup>			0,08-4 mm <sup>2</sup>			0,08-4 mm <sup>2</sup>		
Conductor cross section stranded (min.-max.)	0,08-2,5 mm <sup>2</sup>			0,08-2,5 mm <sup>2</sup>			0,08-2,5 mm <sup>2</sup>			0,08-2,5 mm <sup>2</sup>			0,08-2,5 mm <sup>2</sup>		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm <sup>2</sup>			0,5 mm <sup>2</sup>			0,5 mm <sup>2</sup>			0,5 mm <sup>2</sup>			0,5 mm <sup>2</sup>		
AWG Conductor	AWG 28-12			AWG 28-12			AWG 28-12			AWG 28-12			AWG 28-12		
Insulation Stripping Length (min.-max.)	9-10 mm			9-10 mm			9-10 mm			9-10 mm			9-10 mm		
Screwdriver	KT 2 (0,5x3,0)			KT 2 (0,5x3,0)			KT 2 (0,5x3,0)			KT 2 (0,5x3,0)			KT 2 (0,5x3,0)		
End Plate	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	NPP YBK 2,5-3 F	446 249	10	NPP YBK 2,5-2 T	446 299	10	NPP YBK 2,5-3 FT	446 259	10	NPP YBK 2,5-3 F	446 249	10	NPP YBK 2,5-3 F	446 249	10
Push-in Cross Connection	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	UK 2,5/2	476 222	25	UK 2,5/2	476 222	25	UK 2,5/2	476 222	25	UK 2,5/2	476 222	25	UK 2,5/2	476 222	25
	UK 2,5/3	476 223	20	UK 2,5/3	476 223	20	UK 2,5/3	476 223	20	UK 2,5/3	476 223	20	UK 2,5/3	476 223	20
	UK 2,5/4	476 224	15	UK 2,5/4	476 224	15	UK 2,5/4	476 224	15	UK 2,5/4	476 224	15	UK 2,5/4	476 224	15
	UK 2,5/10	476 229	5	UK 2,5/10	476 229	5	UK 2,5/10	476 229	5	UK 2,5/10	476 229	5	UK 2,5/10	476 229	5
Technical Data															
Rated Impulse Voltage / Pollution severity	6/3			6/3			6/3			6/3			6/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3			1/A3			1/A3			1/A3			1/A3		
Protection class / Protection conductor type	IP 20 / -			IP 20 / -			IP 20 / -			IP 20 / -			IP 20 / -		
Marking Tags (Dekafix)															
See pages 326-333 for a list of Dekafix	D_NS 5x6, DB 5, DG 6/5			D_NS 5x6, DB 5, DG 6/5			D_NS 5x6, DB 5, DG 6/5			D_NS 5x6, DB 5, DG 6/5			D_NS 5x6, DB 5, DG 6/5		
Package Quantity	30 pcs.			30 pcs.			20 pcs.			20 pcs.			20 pcs.		

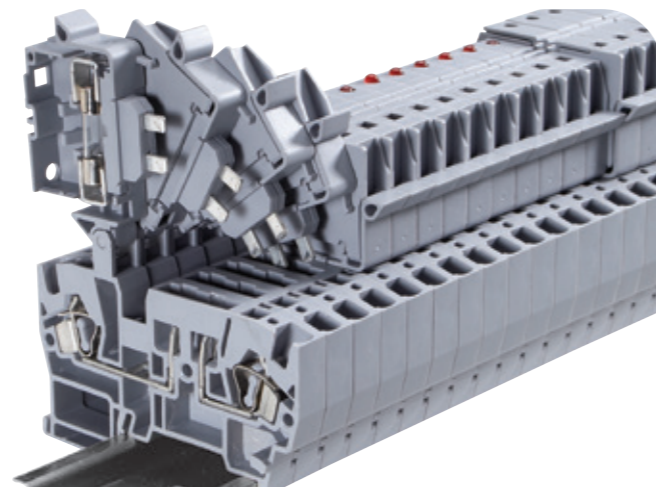
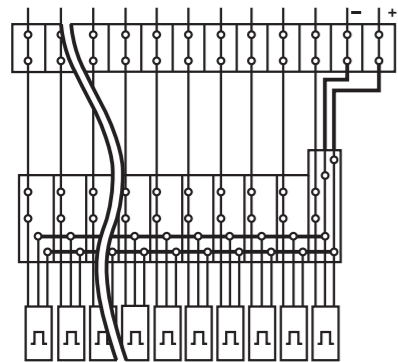
# Sensor / Fuse / Disconnect Terminals



YBK Series Sensor Terminals are making sensor connections, which are often used in industry, more practical and esthetic. Provide individual cross connections for each layer, time saving in mounting process. Terminals can be used with NPN and PNP types of sensors. Special Marking solutions can be provided by Plotter Labeling.

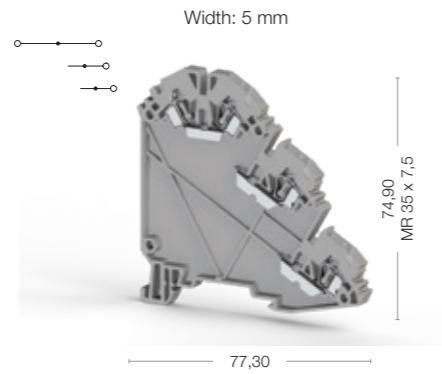


Spring Clamp Fuse Terminals has a sliding type hinged carrier that has a specially designed space for cartridge type glass fuse of size  $\varnothing 5 \times 20$  or  $\varnothing 5 \times 25$  together with a spare one. Cross connection is available. Special Marking solutions can be provided by Plotter Labeling. LED alarm can be chosen, according to specified operating voltage of the product.



# Spring Type Sensor Terminals

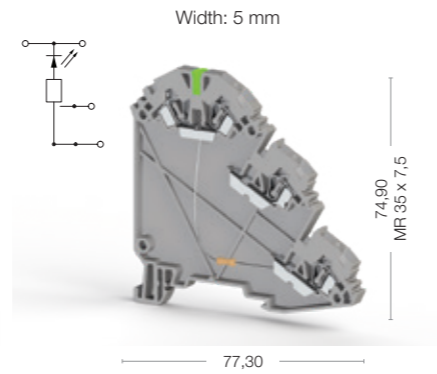
## YBK 3 S



Cat No:

- 324 709
- 324 700

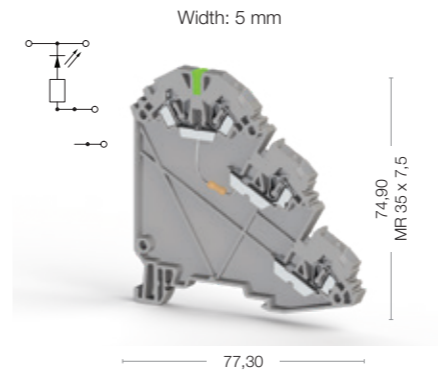
## YBK 3 SLD (NPN)



Cat No:

- 324 719
- 324 710

## YBK 3 SLD (PNP)



Cat No:

- 324 729
- 324 720



Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	500	24	2,5 mm <sup>2</sup>
UL	500	24	AWG 22-12
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Connection Data	Conductor cross section solid (min.-max.)	Conductor cross section stranded (min.-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	AWG Conductor	Insulation Stripping Length (min.-max.)	Screwdriver
	0,08-4 mm <sup>2</sup>	0,08-2,5 mm <sup>2</sup>	0,5 mm <sup>2</sup>	AWG 28-12	9-10 mm	KT 2 (0,5x3,0)

End Plate	Type	Cat.No.	Qty.
	NPP YBK 3 S	446 289	10

Push-in Cross Connection	Type	Cat.No.	Qty.
	UK 2,5/2	476 222	25
	UK 2,5/3	476 223	20
	UK 2,5/4	476 224	15
	UK 2,5/10	476 229	5

Technical Data	Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type
	6/3	1/A3	IP 20 / -

Marking Tags (Dekafix)
See pages 326-333 for a list of Dekafix

Package Quantity
20 pcs.

Voltage, V ~	Current, A	Cross-Section
24	24	2,5 mm <sup>2</sup>

Conductor cross section solid (min.-max.)	Conductor cross section stranded (min.-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	AWG Conductor	Insulation Stripping Length (min.-max.)	Screwdriver
0,08-4 mm <sup>2</sup>	0,08-2,5 mm <sup>2</sup>	0,5 mm <sup>2</sup>	AWG 28-12	9-10 mm	KT 2 (0,5x3,0)

Type	Cat.No.	Qty.
NPP YBK 3 S	446 289	10

Type	Cat.No.	Qty.
UK 2,5/2	476 222	25
UK 2,5/3	476 223	20
UK 2,5/4	476 224	15
UK 2,5/10	476 229	5

Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type
6/3	1/A3	IP 20 / -

Marking Tags (Dekafix)
See pages 326-333 for a list of Dekafix

Package Quantity
20 pcs.

Voltage, V ~	Current, A	Cross-Section
24	24	2,5 mm <sup>2</sup>

Conductor cross section solid (min.-max.)	Conductor cross section stranded (min.-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	AWG Conductor	Insulation Stripping Length (min.-max.)	Screwdriver
0,08-4 mm <sup>2</sup>	0,08-2,5 mm <sup>2</sup>	0,5 mm <sup>2</sup>	AWG 28-12	9-10 mm	KT 2 (0,5x3,0)

Type	Cat.No.	Qty.
NPP YBK 3 S	446 289	10

Type	Cat.No.	Qty.
UK 2,5/2	476 222	25
UK 2,5/3	476 223	20
UK 2,5/4	476 224	15
UK 2,5/10	476 229	5

Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type
6/3	1/A3	IP 20 / -

Marking Tags (Dekafix)
See pages 326-333 for a list of Dekafix

Package Quantity
20 pcs.

Voltage, V ~	Current, A	Cross-Section
24	24	2,5 mm <sup>2</sup>

Conductor cross section solid (min.-max.)	Conductor cross section stranded (min.-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	AWG Conductor	Insulation Stripping Length (min.-max.)	Screwdriver
0,08-4 mm <sup>2</sup>	0,08-2,5 mm <sup>2</sup>	0,5 mm <sup>2</sup>	AWG 28-12	9-10 mm	KT 2 (0,5x3,0)

Type	Cat.No.	Qty.
NPP YBK 3 S	446 289	10

Type	Cat.No.	Qty.
UK 2,5/2	476 222	25
UK 2,5/3	476 223	20
UK 2,5/4	476 224	15
UK 2,5/10	476 229	5

Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type
6/3	1/A3	IP 20 / -

Marking Tags (Dekafix)
See pages 326-333 for a list of Dekafix

Package Quantity
20 pcs.

Voltage, V ~	Current, A	Cross-Section
24	24	2,5 mm <sup>2</sup>

Conductor cross section solid (min.-max.)	Conductor cross section stranded (min.-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	AWG Conductor	Insulation Stripping Length (min.-max.)	Screwdriver
0,08-4 mm <sup>2</sup>	0,08-2,5 mm <sup>2</sup>	0,5 mm <sup>2</sup>	AWG 28-12	9-10 mm	KT 2 (0,5x3,0)

Type	Cat.No.	Qty.
NPP YBK 3 S	446 289	10

Type	Cat.No.	Qty.
UK 2,5/2	476 222	25
UK 2,5/3	476 223	20
UK 2,5/4	476 224	15
UK 2,5/10	476 229	5

Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type
6/3	1/A3	IP 20 / -

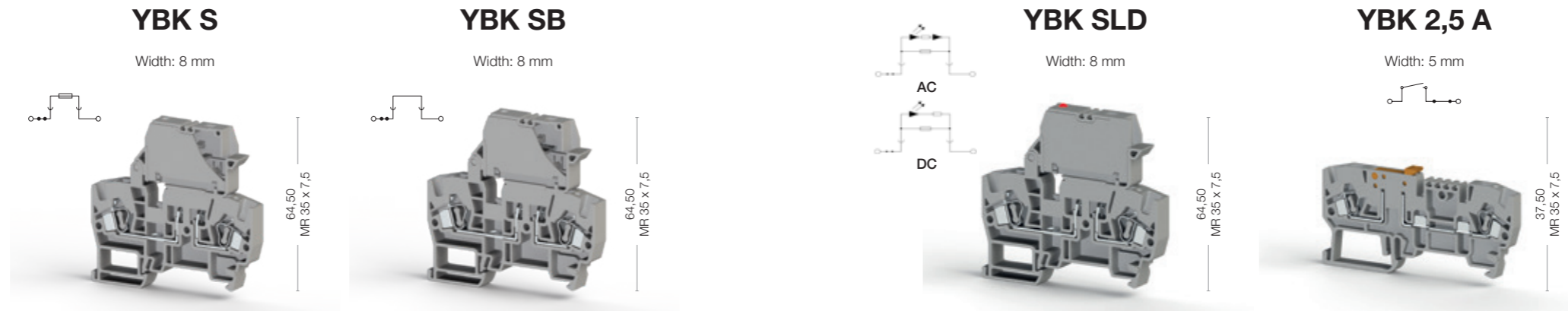
  

Marking Tags (Dekafix)
See pages 326-333 for a list of Dekafix

Package Quantity
20 pcs.

# Spring Clamp Fuse and Disconnect Terminals



**YBK S** Width: 8 mm Cat No: 355 119 (Grey), 325 110 (Orange)  
**YBK SB** Width: 8 mm Cat No: 363 109 (Grey), 363 100 (Orange)  
**YBK SLD** Width: 8 mm Cat No: 355 719 (Grey), 355 710 (Orange)  
**YBK 2,5 A** Width: 5 mm Cat No: 353 209 (Grey), 353 200 (Orange)



Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1 / EN 60947-7-3)	500	10	4 mm <sup>2</sup>	500	10	4 mm <sup>2</sup>				750	16	2,5 mm <sup>2</sup>
UL	600	10	AWG 22-10	600	10	AWG 22-10				600	20	AWG 22-12
VDE (IEC 60947-7-1)												
CSA												
ATEX												
Connection Data												
Conductor cross section solid (min.-max.)	0,08-6 mm <sup>2</sup>			0,08-6 mm <sup>2</sup>			0,08-6 mm <sup>2</sup>			0,08-4 mm <sup>2</sup>		
Conductor cross section stranded (min.-max.)	0,08-4 mm <sup>2</sup>			0,08-4 mm <sup>2</sup>			0,08-4 mm <sup>2</sup>			0,08-2,5 mm <sup>2</sup>		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	1 mm <sup>2</sup>			1 mm <sup>2</sup>			1 mm <sup>2</sup>			0,5 mm <sup>2</sup>		
AWG Conductor	AWG 22-10			AWG 28-10			AWG 28-10			AWG 28-12		
Insulation Stripping Length (min.-max.)	10-12 mm			10-12 mm			10-12 mm			9-10 mm		
Screwdriver	KT 3 (0,6x3,5)			KT 3 (0,6x3,5)			KT 3 (0,6x3,5)			KT 2 (0,5x3,0)		
Ordering Data												
	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.
	NPP/YBK S	450 069	10	NPP/YBK S	450 069	10	NPP/YBK S	450 069	10	NPP/YBK 2,5 A	450 219	10
End Plate												
Push-in Cross Connection												
	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.
	UK 6/2	476 242	25	UK 6/2	476 242	25	UK 6/2	476 242	25	UK 2,5/2	476 222	25
	UK 6/3	476 243	20	UK 6/3	476 243	20	UK 6/3	476 243	20	UK 2,5/3	476 223	20
	UK 6/4	476 244	15	UK 6/4	476 244	15	UK 6/4	476 244	15	UK 2,5/4	476 224	15
	UK 6/10	476 249	5	UK 6/10	476 249	5	UK 6/10	476 249	5	UK 2,5/10	476 229	5
Technical Data												
Rated Impulse Voltage / Pollution severity	6/3			6/3			6/3			8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A4			1/A4			1/A4			1/A3		
Protection class / Protection conductor type	IP 20 / -			IP 20 / -			IP 20 / -			IP 20 / -		
Fuse / Fuse Type	G/5x20 - 5x25 / Glass						G/5x20 - 5x25 / Glass					
Marking Tags (Dekafix)												
See pages 326-333 for a list of Dekafix	D_NS 5x6, DB 5, DG 6/5			D_NS 5x6, DB 5, DG 6/5			D_NS 5x6, DB 5, DG 6/5			D_NS 5x10, DB 10/5, DG 10/5, DG 10/5T		
Package Quantity	20 pcs.			20 pcs.			20 pcs.			50 pcs.		





## YBK Series Multi input/output Terminals



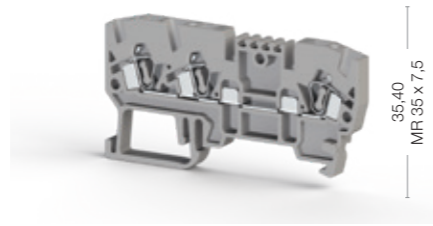
Spring Clamp one-level, multi input-output Terminals are suitable for usage in panels, with limited depth, where multilevel terminals cannot be used. Single-level terminals can be marked and cross-connected together with all other YBK series terminals; can be used together with test Terminals. Earth Terminals are available for same cross-sections and specifications. Special Marking solutions can be provided by Plotter Labeling. LED alarm can be chosen, according to specified operating voltage of the product.



# One input - Two Output Two input - Two Output Spring Clamp Terminals

## YBK 2,5 E

Width: 5 mm



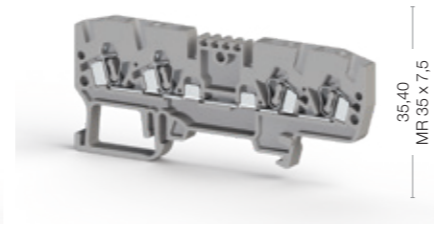
66,60

Cat No:

- 326 059
- 326 050

## YBK 2,5 C

Width: 5 mm



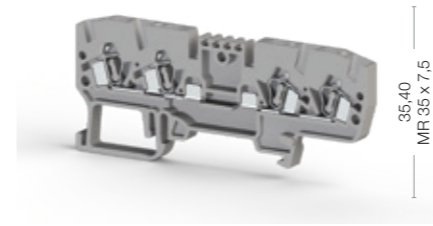
81,40

Cat No:

- 326 109
- 326 100

## YBK 2,5 CX2

Width: 5 mm



81,40

Cat No:

- 326 209
- 326 200



Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	750	24	2,5 mm <sup>2</sup>
UL	600	20	AWG 22-12
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Connection Data	Conductor cross section solid (min.-max.)	Conductor cross section stranded (min.-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	AWG Conductor	Insulation Stripping Length (min.-max.)	Screwdriver
	0,08-4 mm <sup>2</sup>	0,08-2,5 mm <sup>2</sup>	0,5 mm <sup>2</sup>	AWG 28-12	9-10 mm	KT 2 (0,5x3,0)

End Plate	Type	Cat.No.	Qty.
	NPP/YBK 2,5 E	446 219	10

Push-in Cross Connection	Type	Cat.No.	Qty.
	UK 2,5/2	476 222	25
	UK 2,5/3	476 223	20
	UK 2,5/4	476 224	15
	UK 2,5/10	476 229	5

Technical Data	Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type
	8/3	1/A3	IP 20 / -

Marking Tags (Dekafix)
See pages 326-333 for a list of Dekafix

Package Quantity
50 pcs.

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	750	24	2,5 mm <sup>2</sup>
UL	600	20	AWG 22-12
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Connection Data	Conductor cross section solid (min.-max.)	Conductor cross section stranded (min.-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	AWG Conductor	Insulation Stripping Length (min.-max.)	Screwdriver
	0,08-4 mm <sup>2</sup>	0,08-2,5 mm <sup>2</sup>	0,5 mm <sup>2</sup>	AWG 28-12	9-10 mm	KT 2 (0,5x3,0)

End Plate	Type	Cat.No.	Qty.
	NPP/YBK 2,5 C	446 279	10

Push-in Cross Connection	Type	Cat.No.	Qty.
	UK 2,5/2	476 222	25
	UK 2,5/3	476 223	20
	UK 2,5/4	476 224	15
	UK 2,5/10	476 229	5

Technical Data	Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type
	8/3	1/A3	IP 20 / -

Marking Tags (Dekafix)
See pages 326-333 for a list of Dekafix

Package Quantity
50 pcs.

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	750	24	2,5 mm <sup>2</sup>
UL	600	20	AWG 22-12
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Connection Data	Conductor cross section solid (min.-max.)	Conductor cross section stranded (min.-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	AWG Conductor	Insulation Stripping Length (min.-max.)	Screwdriver
	0,08-4 mm <sup>2</sup>	0,08-2,5 mm <sup>2</sup>	0,5 mm <sup>2</sup>	AWG 28-12	9-10 mm	KT 2 (0,5x3,0)

End Plate	Type	Cat.No.	Qty.
	NPP/YBK 2,5 C	446 279	25

Push-in Cross Connection	Type	Cat.No.	Qty.
	UK 2,5/2	476 222	25
	UK 2,5/3	476 223	20
	UK 2,5/4	476 224	15
	UK 2,5/10	476 229	5

Technical Data	Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type
	8/3	1/A3	IP 20 / -

Marking Tags (Dekafix)
See pages 326-333 for a list of Dekafix

Package Quantity
50 pcs.

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	750	24	2,5 mm <sup>2</sup>
UL	600	20	AWG 22-12
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Connection Data	Conductor cross section solid (min.-max.)	Conductor cross section stranded (min.-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	AWG Conductor	Insulation Stripping Length (min.-max.)	Screwdriver
	0,08-4 mm <sup>2</sup>	0,08-2,5 mm <sup>2</sup>	0,5 mm <sup>2</sup>	AWG 28-12	9-10 mm	KT 2 (0,5x3,0)

End Plate	Type	Cat.No.	Qty.
	NPP/YBK 2,5 C	446 279	25

Push-in Cross Connection	Type	Cat.No.	Qty.
	UK 2,5/2	476 222	25
	UK 2,5/3	476 223	20
	UK 2,5/4	476 224	15
	UK 2,5/10	476 229	5

Technical Data	Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type
	8/3	1/A3	IP 20 / -

Marking Tags (Dekafix)
See pages 326-333 for a list of Dekafix

Package Quantity
50 pcs.

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	750	24	2,5 mm <sup>2</sup>
UL	600	20	AWG 22-12
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Connection Data	Conductor cross section solid (min.-max.)	Conductor cross section stranded (min.-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	AWG Conductor	Insulation Stripping Length (min.-max.)	Screwdriver
	0,08-4 mm <sup>2</sup>	0,08-2,5 mm <sup>2</sup>	0,5 mm <sup>2</sup>	AWG 28-12	9-10 mm	KT 2 (0,5x3,0)

End Plate	Type	Cat.No.	Qty.
	NPP/YBK 2,5 C	446 279	25

Push-in Cross Connection	Type	Cat.No.	Qty.
	UK 2,5/2	476 222	25
	UK 2,5/3	476 223	20
	UK 2,5/4	476 224	15
	UK 2,5/10	476 229	5

Technical Data	Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type
	8/3	1/A3	IP 20 / -

Marking Tags (Dekafix)
See pages 326-333 for a list of Dekafix

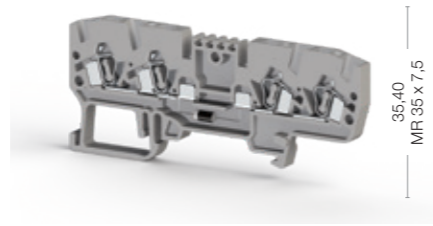
  

Package Quantity
50 pcs.

# Two input - Two Output Spring Clamp Terminals

## YBK 2,5 CD

Width: 5 mm

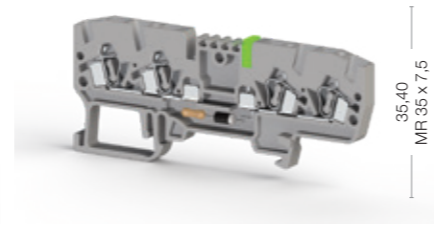


Cat No:

- 326 219
- 326 210

## YBK 2,5 CLD

Width: 5 mm

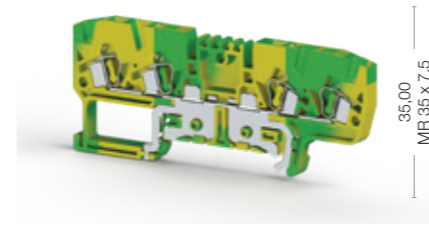


Cat No:

- 326 319
- 326 310

## YBK 2,5 CT

Width: 5 mm

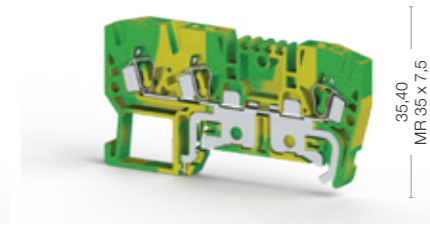


Cat No:

- 336 100

## YBK 2,5 ET

Width: 5 mm



Cat No:

- 336 110



Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1 - EN 60947-7-2)	750	0,5	2,5 mm <sup>2</sup>
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Connection Data	Conductor cross section solid (min.-max.)	Conductor cross section stranded (min.-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	AWG Conductor	Insulation Stripping Length (min.-max.)	Screwdriver
	0,08-4 mm <sup>2</sup>	0,08-2,5 mm <sup>2</sup>	0,5 mm <sup>2</sup>	AWG 28-12	9-10 mm	KT2 (0,5x3,0)

Ordering Data	Type	Cat.No.	Qty.
	YBK 2,5 CLD (24V AC)	326 319	50
	YBK 2,5 CLD (24V DC)	326 419	50
	YBK 2,5 CLD (48V AC)	326 619	50
	YBK 2,5 CLD (48V DC)	326 719	50
	YBK 2,5 CLD (110V AC)	326 329	50
	YBK 2,5 CLD (110V DC)	326 429	50
	YBK 2,5 CLD (220V AC)	326 629	50
	YBK 2,5 CLD (220V DC)	326 729	50

Technical Data For Diode	Diode Reverse Voltage	Diode Current	Diod
	1000 V	1 A	1 N 4007

End Plate	Type	Cat.No.	Qty.
	NPP/YBK 2,5 C	446 279	25

Cross Connection	Type	Cat.No.	Qty.
	UK 2,5/2	476 222	25
	UK 2,5/3	476 223	20
	UK 2,5/4	476 224	15
	UK 2,5/10	476 229	5

Technical Data	Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type
	8/3	1/A3	IP 20 / -

Marking Tags (Dekafix)
See pages 326-333 for a list of Dekafix

Package Quantity
50 pcs.

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1 - EN 60947-7-2)	24	24	2,5 mm <sup>2</sup>
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Connection Data	Conductor cross section solid (min.-max.)	Conductor cross section stranded (min.-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	AWG Conductor	Insulation Stripping Length (min.-max.)	Screwdriver
	0,08-4 mm <sup>2</sup>	0,08-2,5 mm <sup>2</sup>	0,5 mm <sup>2</sup>	AWG 28-12	9-10 mm	KT2 (0,5x3,0)

Ordering Data	Type	Cat.No.	Qty.
	YBK 2,5 CLD (24V AC)	326 319	50
	YBK 2,5 CLD (24V DC)	326 419	50
	YBK 2,5 CLD (48V AC)	326 619	50
	YBK 2,5 CLD (48V DC)	326 719	50
	YBK 2,5 CLD (110V AC)	326 329	50
	YBK 2,5 CLD (110V DC)	326 429	50
	YBK 2,5 CLD (220V AC)	326 629	50
	YBK 2,5 CLD (220V DC)	326 729	50

Technical Data For Diode	Diode Reverse Voltage	Diode Current	Diod
	1000 V	1 A	1 N 4007

End Plate	Type	Cat.No.	Qty.
	NPP/YBK 2,5 C	446 279	25

Cross Connection	Type	Cat.No.	Qty.
	UK 2,5/2	476 222	25
	UK 2,5/3	476 223	20
	UK 2,5/4	476 224	15
	UK 2,5/10	476 229	5

Technical Data	Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type
	8/3	1/A3	IP 20 / -

Marking Tags (Dekafix)
See pages 326-333 for a list of Dekafix

Package Quantity
50 pcs.

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1 - EN 60947-7-2)			
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Connection Data	Conductor cross section solid (min.-max.)	Conductor cross section stranded (min.-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	AWG Conductor	Insulation Stripping Length (min.-max.)	Screwdriver
	0,08-4 mm <sup>2</sup>	0,08-2,5 mm <sup>2</sup>	0,5 mm <sup>2</sup>	AWG 28-12	9-10 mm	KT2 (0,5x3,0)

Ordering Data	Type	Cat.No.	Qty.
	YBK 2,5 CLD (24V AC)	326 319	50
	YBK 2,5 CLD (24V DC)	326 419	50
	YBK 2,5 CLD (48V AC)	326 619	50
	YBK 2,5 CLD (48V DC)	326 719	50
	YBK 2,5 CLD (110V AC)	326 329	50
	YBK 2,5 CLD (110V DC)	326 429	50
	YBK 2,5 CLD (220V AC)	326 629	50
	YBK 2,5 CLD (220V DC)	326 729	50

Technical Data For Diode	Diode Reverse Voltage	Diode Current	Diod
	1000 V	1 A	1 N 4007

End Plate	Type	Cat.No.	Qty.
	NPP/YBK 2,5 C	446 279	25

Cross Connection	Type	Cat.No.	Qty.
	UK 2,5/2	476 222	25
	UK 2,5/3	476 223	20
	UK 2,5/4	476 224	15
	UK 2,5/10	476 229	5

Technical Data	Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type
	8/3	1/A3	IP 20 / -

Marking Tags (Dekafix)
See pages 326-333 for a list of Dekafix

Package Quantity
50 pcs.

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1 - EN 60947-7-2)			
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Connection Data	Conductor cross section solid (min.-max.)	Conductor cross section stranded (min.-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	AWG Conductor	Insulation Stripping Length (min.-max.)	Screwdriver
	0,08-4 mm <sup>2</sup>	0,08-2,5 mm <sup>2</sup>	0,5 mm <sup>2</sup>	AWG 28-12	9-10 mm	KT2 (0,5x3,0)

Ordering Data	Type	Cat.No.	Qty.
	YBK 2,5 CLD (24V AC)	326 319	50
	YBK 2,5 CLD (24V DC)	326 419	50
	YBK 2,5 CLD (48V AC)	326 619	50
	YBK 2,5 CLD (48V DC)	326 719	50
	YBK 2,5 CLD (110V AC)	326 329	50
	YBK 2,5 CLD (110V DC)	326 429	50
	YBK 2,5 CLD (220V AC)	326 629	50
	YBK 2,5 CLD (220V DC)	326 729	50

Technical Data For Diode	Diode Reverse Voltage	Diode Current	Diod
	1000 V	1 A	1 N 4007

End Plate	Type	Cat.No.	Qty.
	NPP/YBK 2,5 C	446 279	25

Cross Connection	Type	Cat.No.	Qty.
	UK 2,5/2	476 222	25
	UK 2,5/3	476 223	20
	UK 2,5/4	476 224	15
	UK 2,5/10	476 229	5

Technical Data	Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type
	8/3	1/A3	IP 20 / -

Marking Tags (Dekafix)
See pages 326-333 for a list of Dekafix

Package Quantity
50 pcs.

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1 - EN 60947-7-2)			
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Connection Data	Conductor cross section solid (min.-max.)	Conductor cross section stranded (min.-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	AWG Conductor	Insulation Stripping Length (min.-max.)	Screwdriver
	0,08-4 mm <sup>2</sup>	0,08-2,5 mm <sup>2</sup>	0,5 mm <sup>2</sup>	AWG 28-12	9-10 mm	KT2 (0,5x3,0)

Ordering Data	Type	Cat.No.	Qty.
	YBK 2,5 CLD (24V AC)	326 319	50
	YBK 2,5 CLD (24V DC)	326 419	50
	YBK 2,5 CLD (48V AC)	326 619	50
	YBK 2,5 CLD (48V DC)	326 719	50
	YBK 2,5 CLD (110V AC)	326 329	50
	YBK 2,5 CLD (110V DC)	326 429	50
	YBK 2,5 CLD (220V AC)	326 629	50
	YBK 2,5 CLD (220V DC)	326 729	50

Technical Data For Diode	Diode Reverse Voltage	Diode Current	Diod
	1000 V	1 A	1 N 4007

End Plate	Type	Cat.No.	Qty.
	NPP/YBK 2,5 C	446 279	25

Cross Connection	Type	Cat.No.	Qty.
	UK 2,5/2	476 222	25
	UK 2,5/3	476 223	20
	UK 2,5/4	476 224	15
	UK 2,5/10	476 229	5

Technical Data	Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type
	8/3	1/A3	IP 20 / -

Marking Tags (Dekafix)
See pages 326-333 for a list of Dekafix

Package Quantity
50 pcs.

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1 - EN 60947-7-2)			
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Connection Data	Conductor cross section solid (min.-max.)	Conductor cross section stranded (min.-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	AWG Conductor	Insulation Stripping Length (min.-max.)	Screwdriver
	0,08-4 mm <sup>2</sup>	0,08-2,5 mm <sup>2</sup>	0,5 mm <sup>2</sup>	AWG 28-12	9-10 mm	KT2 (0,5x3,0)

Ordering Data	Type	Cat.No.	Qty.
	YBK 2,5 CLD (24V AC)	326 319	50
	YBK 2,5 CLD (24V DC)	326 419	50
	YBK 2,5 CLD (48V AC)	326 619	50
	YBK 2,5 CLD (48V DC)	326 719	50
	YBK 2,5 CLD (110V AC)	326 329	50
	YBK 2,5 CLD (110V DC)	326 429	50
	YBK 2,5 CLD (220V AC)	326 629	50
	YBK 2,5 CLD (220V DC)	326 729	50

Technical Data For Diode	Diode Reverse Voltage	Diode Current	Diod
	1000 V	1 A	1 N 4007

End Plate	Type	Cat.No.	Qty.
	NPP/YBK 2,5 C	446 279	25

Cross Connection	Type	Cat.No.	Qty.
	UK 2,5/2	476 222	25
	UK 2,5/3	476 223	20
	UK 2,5/4	476 224	15
	UK 2,5/10	476 229	5

Technical Data	Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type
	8/3	1/A3	IP 20 / -

Marking Tags (Dekafix)
See pages 326-333 for a list of Dekafix

Package Quantity
50 pcs.

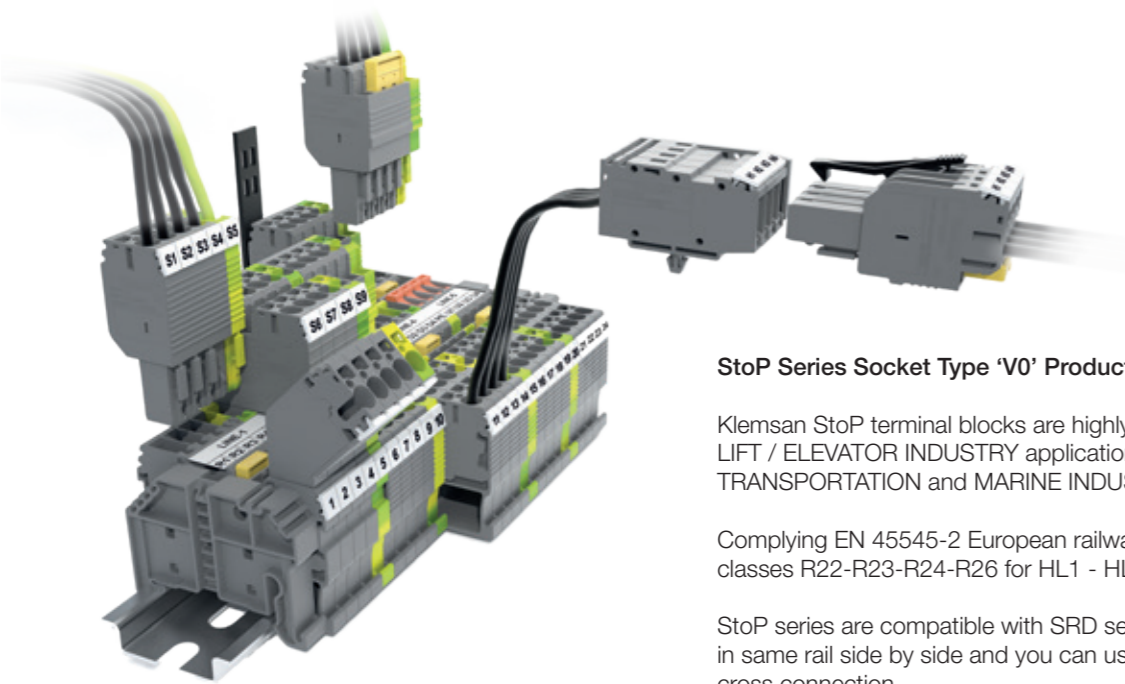
# “V0” Flammability Rating Product Range

## Screw Type ‘V0’ Products

‘V0’ flammability rating Screw Terminal Blocks are ready in KLEMSAN Family for your prestigious projects! You can select the most suitable products from our premium ‘NM’ series as 108 products.

Complying EN 45545-2 European railway standard for fire safety classes R22-R23-R24-R26 for HL1 - HL2 - HL3 Hazard Levels.

Features	UL 94 V0	UL 94 V1	UL 94 V2
Self-extinguishing time after flame is applied to the sample (seconds).	≤ 10 sn	≤ 30 sn	≤ 30 sn
Total self-extinguishing time after 10 consecutive flame treatments.	≤ 50 sn	≤ 250 sn	≤ 250 sn
Is the sample burn completely?	No	No	No
Subject material which shouldn't ignite by dripping from the sample.	Cotton	Cotton	Paper

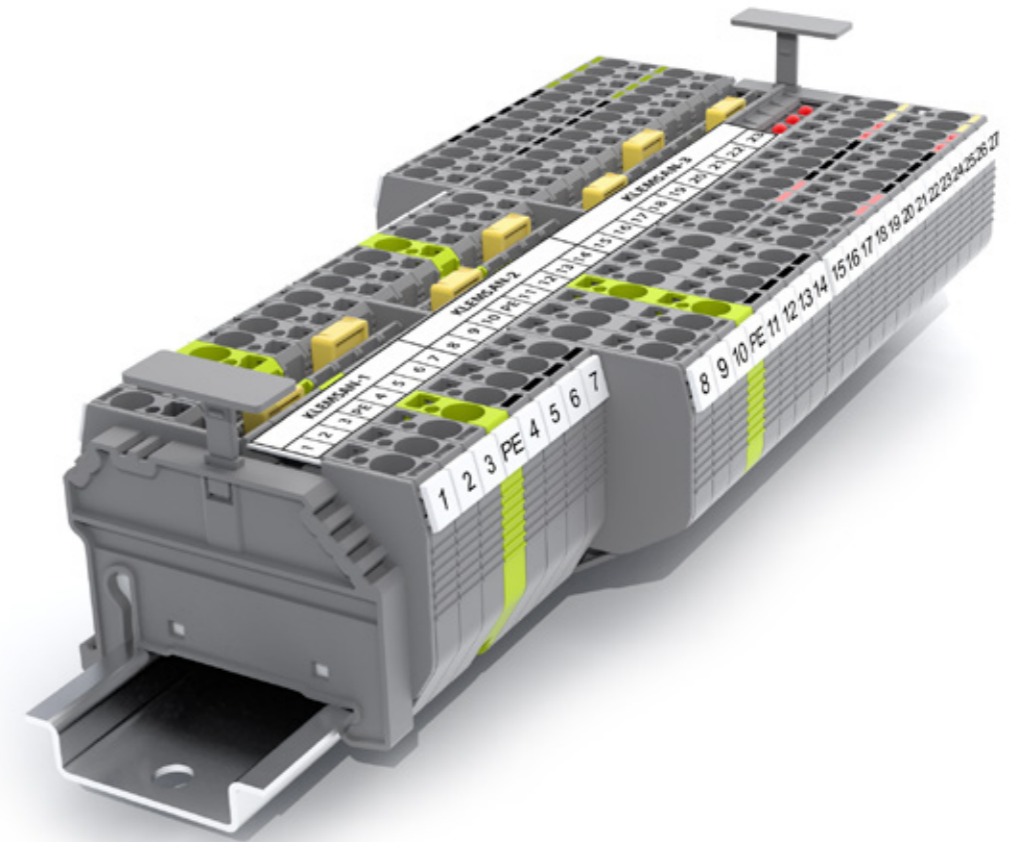


## StoP Series Socket Type ‘V0’ Products

Klemsan StoP terminal blocks are highly recommended for LIFT / ELEVATOR INDUSTRY applications; also for RAILWAY TRANSPORTATION and MARINE INDUSTRIES as well.

Complying EN 45545-2 European railway standard for fire safety classes R22-R23-R24-R26 for HL1 - HL2 - HL3 Hazard Levels.

StoP series are compatible with SRD series. You can mount them in same rail side by side and you can use marking strip and push-in cross connection.



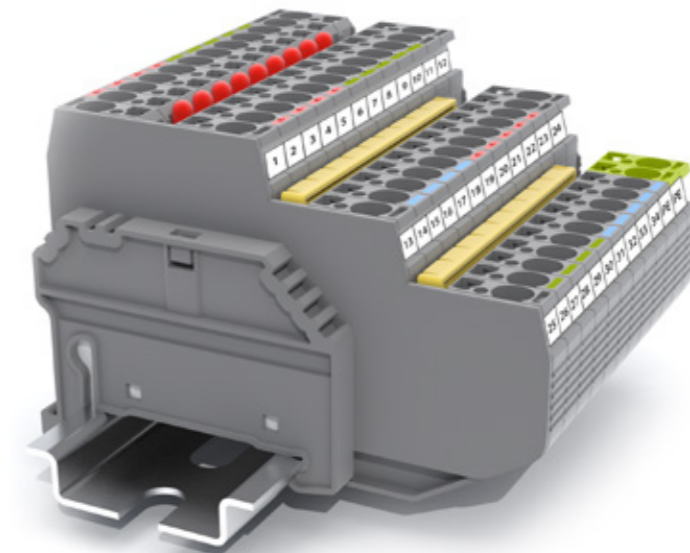
## SRD Series Spring Type ‘V0’ Products

Brand new series spring clamp type terminal blocks are ready for your projects!

SRD Series are empowered terminal blocks compare with YBK series.

The thickness is 5,2 mm and the plastic bodies and rail legs are more ergonomic.

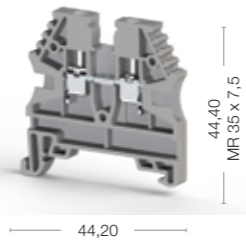
Complying EN 45545-2 European railway standard for fire safety classes R22-R23-R24-R26 for HL1 - HL2 - HL3 Hazard Levels.



# AVK Series "V0" Terminals

## AVK 2,5/NM

Width: 5 mm

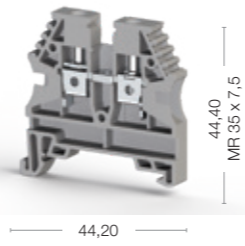


Cat No:

- 309 009
- 309 000

## AVK 4/NM

Width: 6 mm

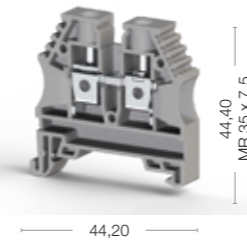


Cat No:

- 309 019
- 309 010

## AVK 6/NM

Width: 8 mm

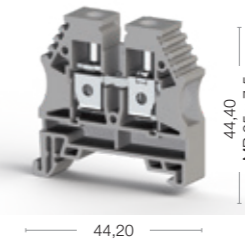


Cat No:

- 309 029
- 309 020

## AVK 10/NM

Width: 10 mm

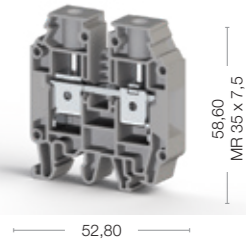


Cat No:

- 309 039
- 309 030

## AVK 16 RD/NM

Width: 12 mm



Cat No:

- 309 059
- 309 050



Electrical Ratings
CE (EN 60947-7-1)
UL - CuLus

Voltage, V ~	Current, A	Cross-Section
750	24	2,5 mm <sup>2</sup>
600	20	AWG 26-12

Voltage, V ~	Current, A	Cross-Section
750	32	4 mm <sup>2</sup>
600	30	AWG 26-10

Voltage, V ~	Current, A	Cross-Section
630	41	6 mm <sup>2</sup>
600	50	AWG 26-8

Voltage, V ~	Current, A	Cross-Section
630	57	10 mm <sup>2</sup>
600	65	AWG 16-6

Voltage, V ~	Current, A	Cross-Section
750	76	16 mm <sup>2</sup>
600	80	AWG 12-4

Voltage, V ~	Current, A	Cross-Section
750	76	16 mm <sup>2</sup>
600	80	AWG 12-4

Connection Data	
Conductor cross section solid (min-max.)	0,2-4 mm <sup>2</sup>
Conductor cross section stranded (min-max.)	0,2-4 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min-max.)	0,5-1,5 mm <sup>2</sup>
AWG Conductor	AWG 24-12
Insulation Stripping Length (min.-max.)	9-10 mm
Torque (min-max.)	0,4-0,6 Nm
Screwdriver	IKT 3 (0,6x3,5)

Conductor cross section solid (min-max.)	Conductor cross section stranded (min-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min-max.)	AWG Conductor	Insulation Stripping Length (min.-max.)	Torque (min-max.)	Screwdriver
0,2-4 mm <sup>2</sup>	0,2-4 mm <sup>2</sup>	0,5-1,5 mm <sup>2</sup>	AWG 24-12	9-10 mm	0,4-0,6 Nm	IKT 3 (0,6x3,5)

Conductor cross section solid (min-max.)	Conductor cross section stranded (min-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min-max.)	AWG Conductor	Insulation Stripping Length (min.-max.)	Torque (min-max.)	Screwdriver
0,2-6 mm <sup>2</sup>	0,2-6 mm <sup>2</sup>	0,5-2,5 mm <sup>2</sup>	AWG 24-10	9-10 mm	0,5-0,8 Nm	IKT 3 (0,6x3,5)

Conductor cross section solid (min-max.)	Conductor cross section stranded (min-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min-max.)	AWG Conductor	Insulation Stripping Length (min.-max.)	Torque (min-max.)	Screwdriver
0,2-10 mm <sup>2</sup>	0,2-10 mm <sup>2</sup>	0,5-4 mm <sup>2</sup>	AWG 24-8	10-12 mm	0,8-1,2 Nm	IKT 4 (0,8x4)

Conductor cross section solid (min-max.)	Conductor cross section stranded (min-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min-max.)	AWG Conductor	Insulation Stripping Length (min.-max.)	Torque (min-max.)	Screwdriver
0,5-16 mm <sup>2</sup>	0,5-16 mm <sup>2</sup>	0,5-6 mm <sup>2</sup>	AWG 20-6	10-12 mm	1,2-1,8 Nm	IKT 4 (0,8x4)

Conductor cross section solid (min-max.)	Conductor cross section stranded (min-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min-max.)	AWG Conductor	Insulation Stripping Length (min.-max.)	Torque (min-max.)	Screwdriver
1,5-25 mm <sup>2</sup>	1,5-25 mm <sup>2</sup>	0,75-10 mm <sup>2</sup>	AWG 16-4	12-14 mm	1,2-2,0 Nm	IKT 5 (1,0x5,5)

Conductor cross section solid (min-max.)	Conductor cross section stranded (min-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min-max.)	AWG Conductor	Insulation Stripping Length (min.-max.)	Torque (min-max.)	Screwdriver
1,5-25 mm <sup>2</sup>	1,5-25 mm <sup>2</sup>	0,75-10 mm <sup>2</sup>	AWG 16-4	12-14 mm	1,2-2,0 Nm	IKT 5 (1,0x5,5)

End Plate - Disconnect Plate	

Type	Cat.No.	Qty.
NPP/AVK 2,5-10/NM	451 069	100
APP/AVK 2,5-10/NM	464 059	25

Type	Cat.No.	Qty.
NPP/AVK 2,5-10/NM	451 069	100
APP/AVK 2,5-10/NM	464 059	25

Type	Cat.No.	Qty.
NPP/AVK 2,5-10/NM	451 069	100
APP/AVK 2,5-10/NM	464 059	25

Type	Cat.No.	Qty.
NPP/AVK 2,5-10/NM	451 069	100
APP/AVK 2,5-10/NM	464 059	25

Type	Cat.No.	Qty.
NPP/AVK 2,5-10/NM	451 069	100
APP/AVK 2,5-10/NM	464 059	25

Type	Cat.No.	Qty.
NPP/AVK 16 RD/NM	451 049	100
APP/AVK 16 RD/NM	464 229	25

Cross Connection			

Type	Cat.No.	Qty.
UK 2,5/2	474 122	25
UK 2,5/3	474 123	20
UK 2,5/4	474 124	15
UK 2,5/10	474 129	5

Type	Cat.No.	Qty.
UK 4/2	474 132	25
UK 4/3	474 133	20
UK 4/4	474 134	15
UK 4/10	474 139	5
UK 4/20	474 180	5

Type	Cat.No.	Qty.
UK 4/2	474 132	25
UK 4/3	474 133	20
UK 4/4	474 134	15
UK 4/10	474 139	5
UK 4/20	474 180	5

Type	Cat.No.	Qty.
UK 6/2	474 142	25
UK 6/3	474 143	20
UK 6/4	474 144	15
UK 6/10	474 149	5

Type	Cat.No.	Qty.
UK 10/2	474 152	25
UK 10/3	474 153	20
UK 10/4	474 154	15
UK 10/10	474 159	5

Type	Cat.No.	Qty.
UK 16/2	474 162	25
UK 16/3	474 163	20
UK 16/4	474 164	15
UK 16/10	474 169	5

Comb Connector			

Type	Cat.No.	Qty.
TKO 2,5/2/NM	470 332	25
TKO 2,5/3/NM	470 333	20
TKO 2,5/4/NM	470 334	15
TKO 2,5/10/NM	470 339	5

Type	Cat.No.	Qty.
TKO 4/2/NM	470 342	25
TKO 4/3/NM	470 343	20
TKO 4/4/NM	470 344	15
TKO 4/10/NM	470 349	5

Type	Cat.No.	Qty.
TKO 4/2/NM	470 342	25
TKO 4/3/NM	470 343	20
TKO 4/4/NM	470 344	15
TKO 4/10/NM	470 349	5

Type	Cat.No.	Qty.
TKO 6/2/NM	470 352	25
TKO 6/3/NM	470 353	20
TKO 6/4/NM	470 357	15
TKO 6/10/NM	470 359	5

Type	Cat.No.	Qty.
TKO 10/2/NM	470 362	25
TKO 10/3/NM	470 363	20
TKO 10/4/NM	470 364	15
TKO 10/10/NM	470 369	5

Type	Cat.No.	Qty.
TKO 10/2/NM	470 362	25
TKO 10/3/NM	470 363	20
TKO 10/4/NM	470 364	15
TKO 10/10/NM	470 369	5

Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3
Protection class / Protection conductor type	IP 20 / -
Marking Tags (Dekafix)	
See pages 326-333 for a list of Dekafix	D_NS 5x10, DB 10/5, DG 10/5, DG 10/5T

Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type	Marking Tags (Dekafix)
8/3	1/A3	IP 20 / -	D_NS 5x10, DB 10/5, DG 10/5, DG 10/5T

Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type	Marking Tags (Dekafix)
8/3	1/A4	IP 20 / -	D_NS 6x10, DB 10/6, DG 10/6, DG 10/6T

Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type	Marking Tags (Dekafix)
8/3	1/B5	IP 20 / -	D_NS 8x10, DG 10/8

Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type	Marking Tags (Dekafix)
8/3	1/B6	IP 20 / -	D_NS 10x10, DG 10/10

Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type	Marking Tags (Dekafix)
8/3	1/B7	IP 20 / -	D_NS 10x10, D_NS 12x10, DG 10x10

Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type	Marking Tags (Dekafix)
8/3	1/B7	IP 20 / -	D_NS 10x10, D_NS 12x10, DG 10x10

Package Quantity
100 pcs.

Package Quantity
100 pcs.

Package Quantity
100 pcs.

Package Quantity
100 pcs.

Package Quantity
100 pcs.

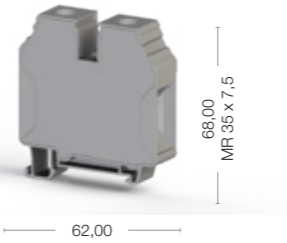
Package Quantity
100 pcs.

Package Quantity
50 pcs.

# AVK Series "V0" Terminals

## AVK 35 RDS/NM

Width: 16 mm



68,00  
MR 35 x 7,5

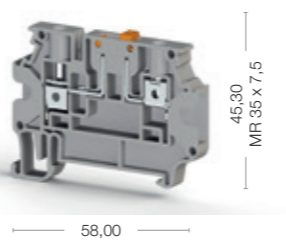
62,00

Cat No:

- 309 089
- 309 080

## AVK 4 A/NM

Width: 6 mm



45,30  
MR 35 x 7,5

58,00

Cat No:

- 309 179
- 309 170



Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	1000	125	35 mm <sup>2</sup>
UL - CuLus	600	115	AWG 10-2

Connection Data	
Conductor cross section solid (min-max.)	6-50 mm <sup>2</sup>
Conductor cross section stranded (min-max.)	6-35 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min-max.)	4-16 mm <sup>2</sup>
AWG Conductor	AWG 10-2
Insulation Stripping Length (min.-max.)	16-18 mm
Torque (min-max.)	4,0-6,0 Nm
Screwdriver	IKT 6 (1,2x6,5)

End Plate - Disconnect Plate	Type	Cat.No.	Qty.

Cross Connection	Type	Cat.No.	Qty.

Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/B9
Protection class / Protection conductor type	IP 20 / -

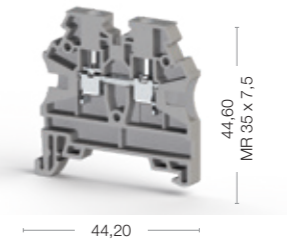
Marking Tags (Dekafix)	
See pages 326-333 for a list of Dekafix	D_NS 10x10, D_NS 14x10, DG 10/10

Package Quantity	
	50 pcs.

\* Higher torque value compare to AVK 35 RD

## AVK 2,5 RD/NM

Width: 5 mm



44,60  
MR 35 x 7,5

44,20

Cat No:

- 309 159
- 309 150



Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	750	24	2,5 mm <sup>2</sup>
UL - CuLus	600	20	AWG 26-12
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Connection Data	
Conductor cross section solid (min-max.)	0,2-4 mm <sup>2</sup>
Conductor cross section stranded (min-max.)	0,2-4 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min-max.)	0,5-1,5 mm <sup>2</sup>
AWG Conductor	AWG 24-12
Insulation Stripping Length (min.-max.)	9-10 mm
Torque (min-max.)	0,4-0,6 Nm
Screwdriver	IKT 3 (0,6x3,5)

End Plate - Disconnect Plate	Type	Cat.No.	Qty.

Cross Connection	Type	Cat.No.	Qty.

Comb Connector	Type	Cat.No.	Qty.

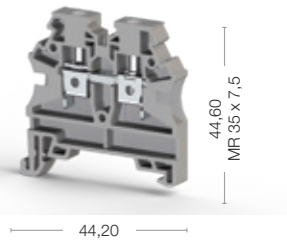
Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3
Protection class / Protection conductor type	IP 20 / -

Marking Tags (Dekafix)	
See pages 326-333 for a list of Dekafix	DB 10/5, DG 10/5, DG 10/5T

Package Quantity	
	100 pcs.

## AVK 4 RD/NM

Width: 6 mm



44,60  
MR 35 x 7,5

44,20

Cat No:

- 309 169
- 309 160

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	750	32	4 mm <sup>2</sup>
UL - CuLus	600	30	AWG 26-10

Connection Data	
Conductor cross section solid (min-max.)	0,2-6 mm <sup>2</sup>
Conductor cross section stranded (min-max.)	0,2-6 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min-max.)	0,5-2,5 mm <sup>2</sup>
AWG Conductor	AWG 24-10
Insulation Stripping Length (min.-max.)	9-10 mm
Torque (min-max.)	0,5-0,8 Nm
Screwdriver	IKT 3 (0,6x3,5)

End Plate - Disconnect Plate	Type	Cat.No.	Qty.

Cross Connection	Type	Cat.No.	Qty.

Comb Connector	Type	Cat.No.	Qty.

Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A4
Protection class / Protection conductor type	IP 20 / -

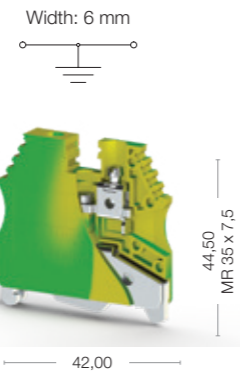
Marking Tags (Dekafix)	
See pages 326-333 for a list of Dekafix	D_NS 6x10, DB 10/6, DG 10/6, DG 10/6T

Package Quantity	
	100 pcs.

Color
Color code is the last digit of the order number
Blue
Green
Yellow
Red
Black
White
Orange
Brown
1
2
3
4
5
6
7
8

# AVK T Series "V0" Earth Terminals

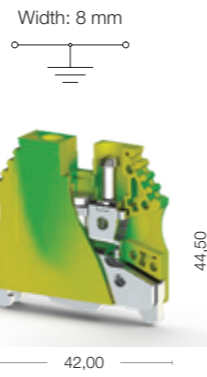
## AVK 2,5 / 4 TK/NM



Cat No:

341 010

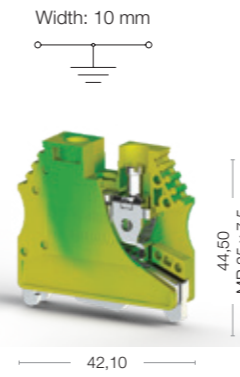
## AVK 6 TK/NM



Cat No:

341 020

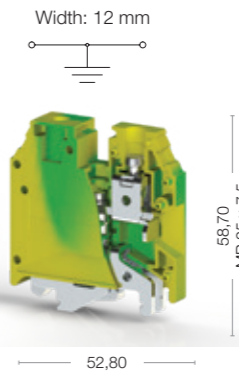
## AVK 10 TK/NM



Cat No:

341 030

## AVK 16 T RD/NM



Cat No:

341 040



Electrical Ratings
CE (EN 60947-7-2)
UL - CuLus

Connection Data	
Conductor cross section solid (min-max.)	0,2-6 mm <sup>2</sup>
Conductor cross section stranded (min-max.)	0,2-6 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min-max.)	0,5-2,5 mm <sup>2</sup>
AWG Conductor	AWG 24-10
Insulation Stripping Length (min.-max.)	9-10 mm
Torque (min-max.)	0,5-0,8 Nm
Rail Tightening torque, (min-max.)	0,4-0,6 Nm
Screwdriver	IKT 3 (0,6x3,5)

Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A4
Protection class / Protection conductor type	IP 20 / PE
<b>Marking Tags (Dekafix)</b>	
See pages 326-333 for a list of Dekafix	D_NS 6x10, DB 10/6, DG 10/6, DG 10/6T

Package Quantity
50 pcs.

Voltage, V ~	Current, A	Cross-Section
		6 mm <sup>2</sup>
		AWG 26-8

Voltage, V ~	Current, A	Cross-Section
	0,2-10 mm <sup>2</sup>	
	0,2-10 mm <sup>2</sup>	
	0,5-4 mm <sup>2</sup>	
	AWG 24-8	
	10-12 mm	
	0,8-1,2 Nm	
	0,6 -0,8 Nm	
	IKT 4 (0,8x4)	

Voltage, V ~	Current, A	Cross-Section

Package Quantity
25 pcs.

Voltage, V ~	Current, A	Cross-Section
		10 mm <sup>2</sup>
		AWG 16-6

Voltage, V ~	Current, A	Cross-Section
	0,5-16 mm <sup>2</sup>	
	0,5-16 mm <sup>2</sup>	
	0,5-6 mm <sup>2</sup>	
	AWG 20-6	
	10-12 mm	
	1,2-1,8 Nm	
	0,8-1,0 Nm	
	IKT 4 (1,2x6,5)	

Voltage, V ~	Current, A	Cross-Section

Package Quantity
25 pcs.

Voltage, V ~	Current, A	Cross-Section
		16 mm <sup>2</sup>
		AWG 12-4

Voltage, V ~	Current, A	Cross-Section
	1,5-25 mm <sup>2</sup>	
	1,5-25 mm <sup>2</sup>	
	0,75-10 mm <sup>2</sup>	
	AWG 16-4	
	12-14 mm	
	1,2-2,0 Nm	
	1,0-1,2 Nm	
	IKT 5 (1,2x6,5)	

Voltage, V ~	Current, A	Cross-Section

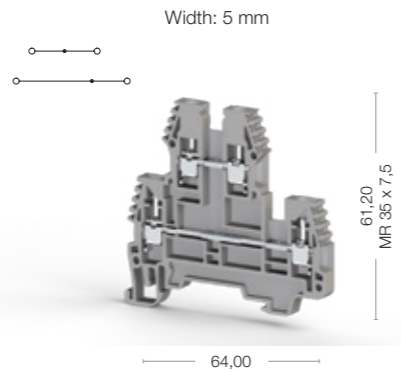
Package Quantity
50 pcs.





# Screw Type "V0" Double - Deck Terminals

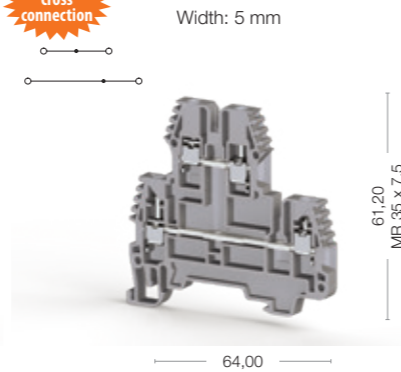
## PIK 2,5 N/NM



Cat No:

- 309 189
- 309 180

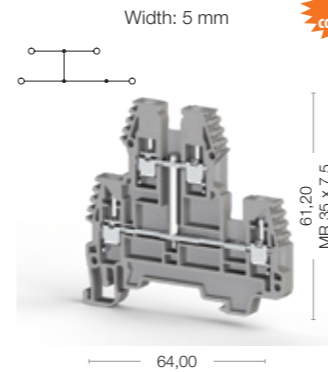
## PIK 2,5 RD/NM



Cat No:

- 309 429
- 309 420

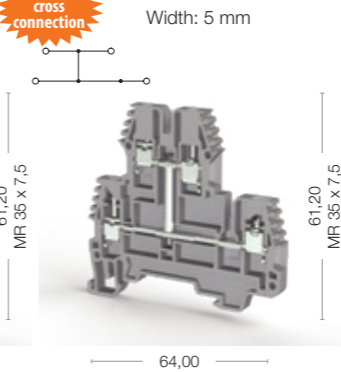
## PIK 2,5 NK/NM



Cat No:

- 309 199
- 309 190

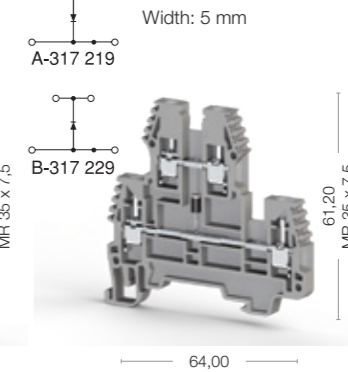
## PIK 2,5 RDK/NM



Cat No:

- 309 439
- 309 430

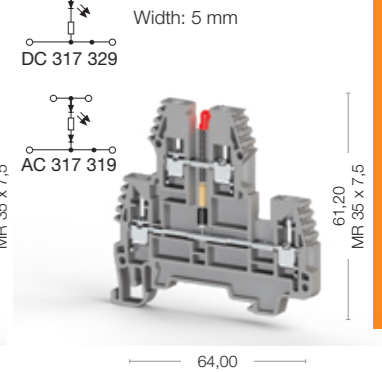
## PIK 2,5 ND/NM



Cat No:

- 315 049
- 315 040

## PIK 2,5 NLD/NM



Cat No:

- 309 229
- 309 220



Electrical Ratings
CE (EN 60947-7-1)
UL
VDE (IEC 60947-7-1)
CSA
ATEX

Connection Data	
Conductor cross section solid (min.-max.)	0,2-4 mm <sup>2</sup>
Conductor cross section stranded (min.-max.)	0,2-4 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min.-max.)	0,5-1,5 mm <sup>2</sup>
AWG Conductor	AWG 24-12
Insulation Stripping Length (min.-max.)	9-10 mm
Torque (min.-max.)	0,4-0,6 Nm
Screwdriver	IKT 3 (0,6x3,5)

Ordering Data

Technical Data For Diode	
Diode Voltage	
Diode Current	
Diode	

End Plate	Type	Cat.No.	Qty.
	NPP/PIK 2,5-4 N/NM	451 309	25

Small Partition	Type	Cat.No.	Qty.
	AD 1	467 919	100

Cross Connection	Type	Cat.No.	Qty.
	UK 2,5/2	474 122	25
	UK 2,5/3	474 123	20
	UK 2,5/4	474 124	15
	UK 2,5/10	474 129	5

Technical Data	
Rated Impulse Voltage / Pollution severity	6/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3
Protection class / Protection conductor type	IP 20 / -
Marking Tags (Dekafix)	
See pages 326-333 for a list of Dekafix	D_NS 5x10, DB 10/5, DG 10/5, DG 10/5T

Package Quantity
100 pcs.

Voltage, V ~	Current, A	Cross-Section
500	24	2,5 mm <sup>2</sup>
300	20	AWG 26-12

Voltage, V ~	Current, A	Cross-Section
500	24	2,5 mm <sup>2</sup>
300	20	AWG 26-12

Type	Cat.No.	Qty.
NPP/PIK 2,5-4 N/NM	451 309	25

Type	Cat.No.	Qty.
AD 1	467 919	100

Type	Cat.No.	Qty.
UK 2,5/2	474 122	25
UK 2,5/3	474 123	20
UK 2,5/4	474 124	15
UK 2,5/10	474 129	5

Type	Cat.No.	Qty.
AD 1	467 919	100

Type	Cat.No.	Qty.
UK 2,5/2	474 122	25
UK 2,5/3	474 123	20
UK 2,5/4	474 124	15
UK 2,5/10	474 129	5

Type	Cat.No.	Qty.
NPP/PIK 2,5-4 N/NM	451 309	25

Type	Cat.No.	Qty.
AD 1	467 919	100

Voltage, V ~	Current, A	Cross-Section
500	24	2,5 mm <sup>2</sup>
300	20	AWG 26-12

Voltage, V ~	Current, A	Cross-Section
500	24	2,5 mm <sup>2</sup>
300	20	AWG 26-12

Type	Cat.No.	Qty.
NPP/PIK 2,5-4 N/NM	451 309	25

Type	Cat.No.	Qty.
AD 1	467 919	100

Type	Cat.No.	Qty.
UK 2,5/2	474 122	25
UK 2,5/3	474 123	20
UK 2,5/4	474 124	15
UK 2,5/10	474 129	5

Type	Cat.No.	Qty.
AD 1	467 919	100

Type	Cat.No.	Qty.
UK 2,5/2	474 122	25
UK 2,5/3	474 123	20
UK 2,5/4	474 124	15
UK 2,5/10	474 129	5

Type	Cat.No.	Qty.
NPP/PIK 2,5-4 N/NM	451 309	25

Type	Cat.No.	Qty.
AD 1	467 919	100

Voltage, V ~	Current, A	Cross-Section
500	24	2,5 mm <sup>2</sup>
300	20	AWG 26-12

Voltage, V ~	Current, A	Cross-Section
500	24	2,5 mm <sup>2</sup>
300	20	AWG 26-12

Type	Cat.No.	Qty.
NPP/PIK 2,5-4 N/NM	451 309	25

Type	Cat.No.	Qty.
AD 1	467 919	100

Type	Cat.No.	Qty.
UK 2,5/2	474 122	25
UK 2,5/3	474 123	20
UK 2,5/4	474 124	15
UK 2,5/10	474 129	5

Type	Cat.No.	Qty.
AD 1	467 919	100

Type	Cat.No.	Qty.
UK 2,5/2	474 122	25
UK 2,5/3	474 123	20
UK 2,5/4	474 124	15
UK 2,5/10	474 129	5

Type	Cat.No.	Qty.
NPP/PIK 2,5-4 N/NM	451 309	25

Type	Cat.No.	Qty.
AD 1	467 919	100

Voltage, V ~	Current, A	Cross-Section
500	24	2,5 mm <sup>2</sup>
300	20	AWG 26-12

Voltage, V ~	Current, A	Cross-Section
500	24	2,5 mm <sup>2</sup>
300	20	AWG 26-12

Type	Cat.No.	Qty.
NPP/PIK 2,5-4 N/NM	451 309	25

Type	Cat.No.	Qty.
AD 1	467 919	100

Type	Cat.No.	Qty.
UK 2,5/2	474 122	25
UK 2,5/3	474 123	20
UK 2,5/4	474 124	15
UK 2,5/10	474 129	5

Type	Cat.No.	Qty.
AD 1	467 919	100

Type	Cat.No.	Qty.
UK 2,5/2	474 122	25
UK 2,5/3	474 123	20
UK 2,5/4	474 124	15
UK 2,5/10	474 129	5

Type	Cat.No.	Qty.
NPP/PIK 2,5-4 N/NM	451 309	25

Type	Cat.No.	Qty.
AD 1	467 919	100

Voltage, V ~	Current, A	Cross-Section
500	24	2,5 mm <sup>2</sup>
300	20	AWG 26-12

Voltage, V ~	Current, A	Cross-Section
500	24	2,5 mm <sup>2</sup>
300	20	AWG 26-12

Type	Cat.No.	Qty.
NPP/PIK 2,5-4 N/NM	451 309	25

Type	Cat.No.	Qty.
AD 1	467 919	100

Type	Cat.No.	Qty.
UK 2,5/2	474 122	25
UK 2,5/3	474 123	20
UK 2,5/4	474 124	15
UK 2,5/10	474 129	5

Type	Cat.No.	Qty.
AD 1	467 919	100

Type	Cat.No.	Qty.
UK 2,5/2	474 122	25
UK 2,5/3	474 123	20
UK 2,5/4	474 124	15
UK 2,5/10	474 129	5

Type	Cat.No.	Qty.
NPP/PIK 2,5-4 N/NM	451 309	25

Type	Cat.No.	Qty.
AD 1	467 919	100

Voltage, V ~	Current, A	Cross-Section
500	0,5	2,5 mm <sup>2</sup>
300	20	AWG 26-12

Voltage, V ~	Current, A	Cross-Section
500	0,5	2,5 mm <sup>2</sup>
300	20	AWG 26-12

Type	Cat.No.	Qty.
PIK 2,5 ND A/NM	315 049	20
PIK 2,5 ND B/NM	315 059	20

Type	Cat.No.	Qty.
AD 1	467 919	100

Type	Cat.No.	Qty.
UK 2,5/2	474 122	25
UK 2,5/3	474 123	20
UK 2,5/4	474 124	15
UK 2,5/10	474 129	5

Type	Cat.No.	Qty.
AD 1	467 919	100

Type	Cat.No.	Qty.
UK 2,5/2	474 122	25
UK 2,5/3	474 1	

# Screw Type "V0" Double - Deck Terminals



Cat No:

- 309 309
- 309 300



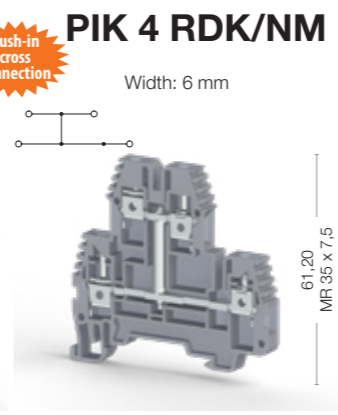
Cat No:

- 309 449
- 309 440



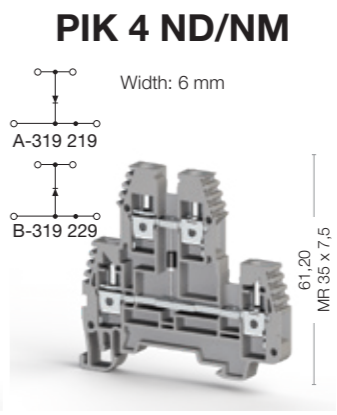
Cat No:

- 309 319
- 309 310



Cat No:

- 309 459
- 309 450



Cat No:

- 315 069
- 315 060



Cat No:

- 309 349
- 309 340



Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	500	32	4 mm <sup>2</sup>	500	32	4 mm <sup>2</sup>	500	32	4 mm <sup>2</sup>	500	32	4 mm <sup>2</sup>	500	0,5	4 mm <sup>2</sup>		24	4 mm <sup>2</sup>
UL	300	30	AWG 26-10	300	30	AWG 26-10				300	30	AWG 26-10					30	AWG 26-10
VDE (IEC 60947-7-1)																		
CSA																		
ATEX																		

Connection Data	Conductor cross section solid (min.-max.)	Conductor cross section stranded (min.-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min.-max.)	AWG Conductor	Insulation Stripping Length (min.-max.)	Torque (min.-max.)	Screwdriver
	0,2-6 mm <sup>2</sup>	0,2-6 mm <sup>2</sup>	0,5-2,5 mm <sup>2</sup>	AWG 24-10	9-10 mm	0,5-0,8 Nm	IKT 3 (0,6x3,5)

Ordering Data	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.
	PIK 4 ND A/NM	315 069	20	PIK 4 NLD/NM (24AC)	309 349	20												
	PIK 4 ND B/NM	315 079	20	PIK 4 NLD/NM (24DC)	309 359	20												
				PIK 4 NLD/NM (48AC)	309 369	20												
				PIK 4 NLD/NM (48DC)	309 379	20												
				PIK 4 NLD/NM (110AC)	309 389	20												
				PIK 4 NLD/NM (110DC)	309 399	20												
				PIK 4 NLD/NM (220AC)	309 409	20												
				PIK 4 NLD/NM (220DC)	309 419	20												

Technical Data For Diode	Diode Voltage	Diode Current	Diode
	1000 V	1 A	1 N 4007

End Plate	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.
	NPP/PIK 2,5-4 N/NM	451 309	25	NPP/PIK 2,5-4 N/NM	451 309	25	NPP/PIK 2,5-4 N/NM	451 309	25	NPP/PIK 2,5-4 N/NM	451 309	25	NPP/PIK 2,5-4 N/NM	451 309	25

Small Partition	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.
	AD 1	467 919	100	AD 1	467 919	100	AD 1	467 919	100	AD 1	467 919	100	AD 1	467 919	100

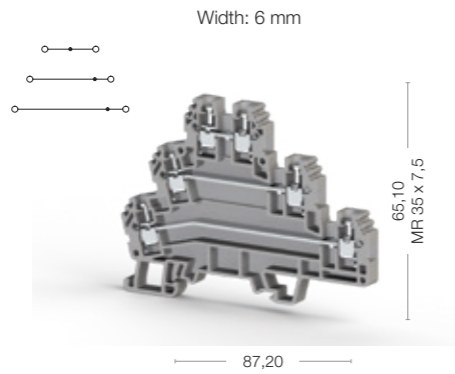
Cross Connection	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.
	UK 4/2	474 132	25	UK 4/2/NM	470 312	25	UK 4/2	474 132	25	UK 4/2/NM	470 312	25	UK 4/2	474 132	25
	UK 4/3	474 133	20	UK 4/3/NM	470 313	20	UK 4/3	474 133	20	UK 4/3/NM	470 313	20	UK 4/3	474 133	20
	UK 4/4	474 134	15	UK 4/4/NM	470 314	15	UK 4/4	474 134	15	UK 4/4/NM	470 314	15	UK 4/4	474 134	15
	UK 4/10	474 139	5	UK 4/10/NM	470 319	5	UK 4/10	474 139	5	UK 4/10/NM	470 319	5	UK 4/10	474 139	5
	UK 4/20	474 180	5				UK 4/20	474 180	5				UK 4/20	474 180	5

Technical Data	Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type	Marking Tags (Dekafix)
	6/3	1/A4	IP 20 / -	D_NS 6x10, DB 10/6, DG 10/6, DG 10/6T

Package Quantity	Quantity
	100 pcs.

# Screw Type "V0" Multilevel Terminals

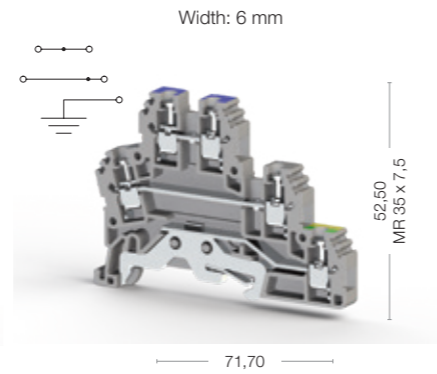
## PUK 3/NM



Cat No:

- 309 479
- 309 470

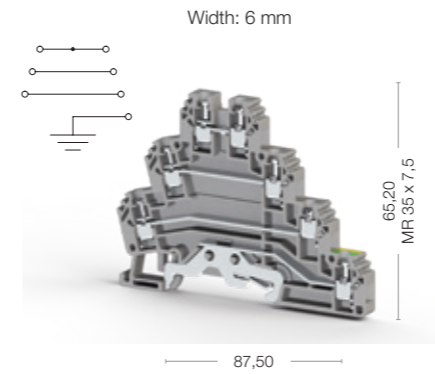
## PUK 2 T/NM



Cat No:

- 309 469
- 309 460

## PUK 3 T/NM



Cat No:

- 309 489
- 309 480



Electrical Ratings
CE (EN 60947-7-1 - EN 60947-7-2)
UL
VDE (IEC 60947-7-1)
CSA
ATEX

Voltage, V ~	Current, A	Cross-Section
440	24	2,5 mm <sup>2</sup>
600	24	AWG 24-12

Voltage, V ~	Current, A	Cross-Section
440	24	2,5 mm <sup>2</sup>
600	24	AWG 24-12

Voltage, V ~	Current, A	Cross-Section
440	24	2,5 mm <sup>2</sup>
600	24	AWG 24-12

Voltage, V ~	Current, A	Cross-Section
440	24	2,5 mm <sup>2</sup>
600	24	AWG 24-12

Connection Data	
Conductor cross section solid (min.-max.)	0,2-4 mm <sup>2</sup>
Conductor cross section stranded (min.-max.)	0,2-4 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min.-max.)	0,5-1,5 mm <sup>2</sup>
AWG Conductor	AWG 24-12
Insulation Stripping Length (min.-max.)	7-8 mm
Torque (min.-max.)	0,4-0,6 Nm
Screwdriver	IKT 3 (0,6x3,5)

Conductor cross section solid (min.-max.)	0,2-4 mm <sup>2</sup>
Conductor cross section stranded (min.-max.)	0,2-4 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min.-max.)	0,5-1,5 mm <sup>2</sup>
AWG Conductor	AWG 24-12
Insulation Stripping Length (min.-max.)	7-8 mm
Torque (min.-max.)	0,4-0,6 Nm
Screwdriver	IKT 3 (0,6x3,5)

Conductor cross section solid (min.-max.)	0,2-4 mm <sup>2</sup>
Conductor cross section stranded (min.-max.)	0,2-4 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min.-max.)	0,5-1,5 mm <sup>2</sup>
AWG Conductor	AWG 24-12
Insulation Stripping Length (min.-max.)	7-8 mm
Torque (min.-max.)	0,4-0,6 Nm
Screwdriver	IKT 3 (0,6x3,5)

Conductor cross section solid (min.-max.)	0,2-4 mm <sup>2</sup>
Conductor cross section stranded (min.-max.)	0,2-4 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min.-max.)	0,5-1,5 mm <sup>2</sup>
AWG Conductor	AWG 24-12
Insulation Stripping Length (min.-max.)	7-8 mm
Torque (min.-max.)	0,4-0,6 Nm
Screwdriver	IKT 3 (0,6x3,5)

Conductor cross section solid (min.-max.)	0,2-4 mm <sup>2</sup>
Conductor cross section stranded (min.-max.)	0,2-4 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min.-max.)	0,5-1,5 mm <sup>2</sup>
AWG Conductor	AWG 24-12
Insulation Stripping Length (min.-max.)	7-8 mm
Torque (min.-max.)	0,4-0,6 Nm
Screwdriver	IKT 3 (0,6x3,5)

End Plate

Type	Cat.No.	Qty.
NPP/PUK 3/NM	351 339	10

Type	Cat.No.	Qty.
NPP/PUK 2 T/NM	451 329	10

Type	Cat.No.	Qty.
NPP/PUK 3 T/NM	351 349	10

Type	Cat.No.	Qty.
NPP/PUK 3 T/NM	351 349	10

Cross Connection

Type	Cat.No.	Qty.
UK 2,5/2	480 132	25
UK 2,5/3	480 133	20
UK 2,5/4	480 134	15
UK 2,5/10	480 139	5
UK 2,5/35	480 140	5

Type	Cat.No.	Qty.
UK 2,5/2	480 132	25
UK 2,5/3	480 133	20
UK 2,5/4	480 134	15
UK 2,5/10	480 139	5
UK 2,5/35	480 140	5

Type	Cat.No.	Qty.
UK 2,5/2	480 132	25
UK 2,5/3	480 133	20
UK 2,5/4	480 134	15
UK 2,5/10	480 139	5
UK 2,5/35	480 140	5

Type	Cat.No.	Qty.
UK 2,5/2	480 132	25
UK 2,5/3	480 133	20
UK 2,5/4	480 134	15
UK 2,5/10	480 139	5

Note: Only upper decks can be cross-connected

Technical Data	
Rated Impulse Voltage / Pollution severity	6/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3
Protection class / Protection conductor type	IP 20 / -
Marking Tags (Dekafix)	DB 5

Rated Impulse Voltage / Pollution severity	6/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3
Protection class / Protection conductor type	IP 20 / PE
Marking Tags (Dekafix)	DB 5

Rated Impulse Voltage / Pollution severity	6/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3
Protection class / Protection conductor type	IP 20 / PE
Marking Tags (Dekafix)	DB 5

Rated Impulse Voltage / Pollution severity	6/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3
Protection class / Protection conductor type	IP 20 / PE
Marking Tags (Dekafix)	DB 5

Rated Impulse Voltage / Pollution severity	6/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3
Protection class / Protection conductor type	IP 20 / PE
Marking Tags (Dekafix)	DB 5

Package Quantity
20 pcs.

20 pcs.
---------

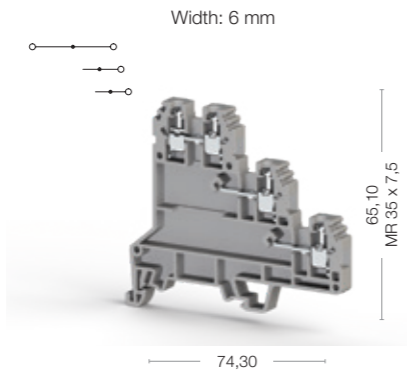
20 pcs.
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20 pcs.
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20 pcs.
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# Screw Type "V0" Sensor Terminals

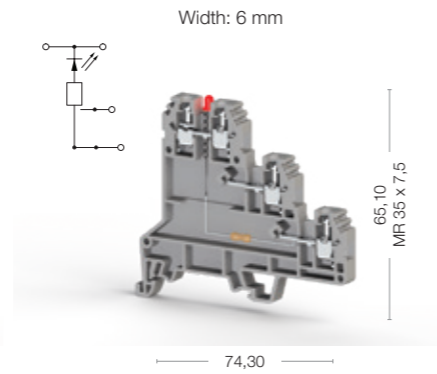
## PUK 3 S/NM



Cat No:

- 309 499
- 309 490

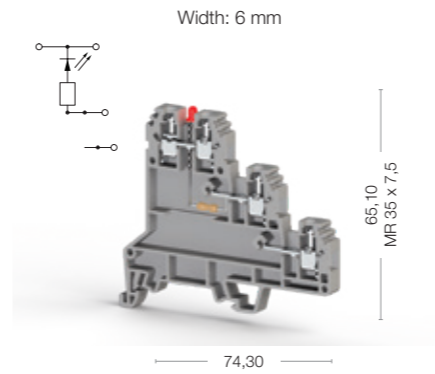
## PUK 3 SLD (NPN)/NM



Cat No:

- 309 509
- 309 500

## PUK 3 SLD (PNP)/NM



Cat No:

- 309 519
- 309 510



Electrical Ratings
CE (EN 60947-7-1)
UL
VDE (IEC 60947-7-1)
CSA
ATEX

Voltage, V ~	Current, A	Cross-Section
500	24	2,5 mm <sup>2</sup>
300	20	AWG 24-12

Voltage, V ~	Current, A	Cross-Section
24	24	2,5 mm <sup>2</sup>
300	20	AWG 24-12

Voltage, V ~	Current, A	Cross-Section
24	24	2,5 mm <sup>2</sup>
300	20	AWG 24-12

Voltage, V ~	Current, A	Cross-Section
24	24	2,5 mm <sup>2</sup>
300	20	AWG 24-12

Connection Data	
Conductor cross section solid (min.-max.)	0,2-4 mm <sup>2</sup>
Conductor cross section stranded (min.-max.)	0,2-4 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min.-max.)	0,5-1,5 mm <sup>2</sup>
AWG Conductor	AWG 24-12
Insulation Stripping Length (min.-max.)	7-8 mm
Torque (min.-max.)	0,4-0,6 Nm
Screwdriver	IKT 3 (0,6x3,5)

Conductor cross section solid (min.-max.)	Conductor cross section stranded (min.-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min.-max.)	AWG Conductor	Insulation Stripping Length (min.-max.)	Torque (min.-max.)	Screwdriver
0,2-4 mm <sup>2</sup>	0,2-4 mm <sup>2</sup>	0,5-1,5 mm <sup>2</sup>	AWG 24-12	7-8 mm	0,4-0,6 Nm	IKT 3 (0,6x3,5)

Conductor cross section solid (min.-max.)	Conductor cross section stranded (min.-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min.-max.)	AWG Conductor	Insulation Stripping Length (min.-max.)	Torque (min.-max.)	Screwdriver
0,2-4 mm <sup>2</sup>	0,2-4 mm <sup>2</sup>	0,5-1,5 mm <sup>2</sup>	AWG 24-12	7-8 mm	0,4-0,6 Nm	IKT 3 (0,6x3,5)

Conductor cross section solid (min.-max.)	Conductor cross section stranded (min.-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min.-max.)	AWG Conductor	Insulation Stripping Length (min.-max.)	Torque (min.-max.)	Screwdriver
0,2-4 mm <sup>2</sup>	0,2-4 mm <sup>2</sup>	0,5-1,5 mm <sup>2</sup>	AWG 24-12	7-8 mm	0,4-0,6 Nm	IKT 3 (0,6x3,5)

Conductor cross section solid (min.-max.)	Conductor cross section stranded (min.-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min.-max.)	AWG Conductor	Insulation Stripping Length (min.-max.)	Torque (min.-max.)	Screwdriver
0,2-4 mm <sup>2</sup>	0,2-4 mm <sup>2</sup>	0,5-1,5 mm <sup>2</sup>	AWG 24-12	7-8 mm	0,4-0,6 Nm	IKT 3 (0,6x3,5)

End Plate


Type	Cat.No.	Qty.
NPP/PUK 3 S/NM	351 359	10

Type	Cat.No.	Qty.
NPP/PUK 3 S/NM	351 359	10

Type	Cat.No.	Qty.
NPP/PUK 3 S/NM	351 359	10

Type	Cat.No.	Qty.
NPP/PUK 3 S/NM	351 359	10

Cross Connection


Type	Cat.No.	Qty.
UK 2,5/2	480 132	25
UK 2,5/3	480 133	20
UK 2,5/4	480 134	15
UK 2,5/10	480 139	5
UK 2,5/35	480 140	5

Type	Cat.No.	Qty.
UK 2,5/2	480 132	25
UK 2,5/3	480 133	20
UK 2,5/4	480 134	15
UK 2,5/10	480 139	5
UK 2,5/35	480 140	5

Type	Cat.No.	Qty.
UK 2,5/2	480 132	25
UK 2,5/3	480 133	20
UK 2,5/4	480 134	15
UK 2,5/10	480 139	5
UK 2,5/35	480 140	5

Type	Cat.No.	Qty.
UK 2,5/2	480 132	25
UK 2,5/3	480 133	20
UK 2,5/4	480 134	15
UK 2,5/10	480 139	5
UK 2,5/35	480 140	5

Technical Data	
Rated Impulse Voltage / Pollution severity	6/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3
Protection class / Protection conductor type	IP 20 / -
Marking Tags (Dekafix)	DB 5

Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type	Marking Tags (Dekafix)
6/3	1/A3	IP 20 / -	DB 5

Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type	Marking Tags (Dekafix)
6/3	1/A3	IP 20 / -	DB 5

Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type	Marking Tags (Dekafix)
6/3	1/A3	IP 20 / PE	DB 5

Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type	Marking Tags (Dekafix)
6/3	1/A3	IP 20 / PE	DB 5

Package Quantity
20 pcs.

Package Quantity
20 pcs.

Package Quantity
20 pcs.

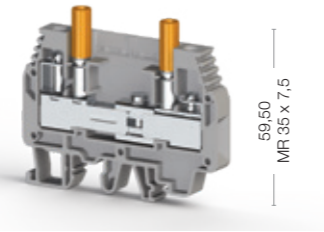
Package Quantity
20 pcs.

Package Quantity
20 pcs.

# WGO Series "V0" Test / Disconnect Terminals

## WGO 3/NM

Width: 8 mm

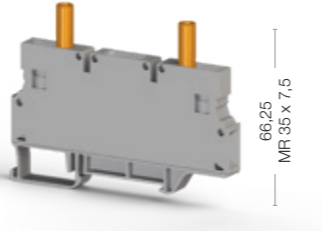


Cat No:

- 309 569
- 309 560

## WGO 4/NM

Width: 8 mm



Cat No:

- 309 589
- 309 580



Electrical Ratings
CE (EN 60947-7-1)
UL
VDE (IEC 60947-7-1)
CSA
ATEX

Voltage, V ~	Current, A	Cross-Section
400	41	6 mm <sup>2</sup>
300	43	AWG 20-8

Voltage, V ~	Current, A	Cross-Section
1000	41	6 mm <sup>2</sup>
300	48	AWG 26-8

Connection Data	
Conductor cross section solid (min.-max.)	0,2-10 mm <sup>2</sup>
Conductor cross section stranded (min.-max.)	0,2-10 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min.-max.)	0,5-4 mm <sup>2</sup>
AWG Conductor	AWG 24-8
Insulation Stripping Length (min.-max.)	10-12 mm
Torque (min.-max.)	0,8-1,2 Nm
Screwdriver	IKT 4 (0,8x4,0)

Type	Cat.No.	Qty.
WGO 3/NM	309 529 - 520	50
WGO 3/NM	309 539 - 530	50
WGO 3/NM	309 549 - 540	50
WGO 3/NM	309 559 - 550	50
WGO 3/NM	309 569 - 560	50

Type	Cat.No.	Qty.
WGO 4/NM	309 579 - 570	50

Ordering Data
Without Socket - Beige / Grey
One Socket - Beige / Grey
Double Socket - Beige / Grey
One Test Socket - Beige / Grey
Double Test Socket - Beige / Grey

Type	Cat.No.	Qty.
NPP/WGO 3/NM	351 369	25

Type	Cat.No.	Qty.



Type	Cat.No.	Qty.

Type	Cat.No.	Qty.



Type	Cat.No.	Qty.
IZUK 6/2/NM	470 372	10
IZUK 6/3/NM	470 373	10
IZUK 6/4/NM	470 374	10
IZUK 6/6/NM	470 376	10
IZUK 6/10/NM	470 379	5
WGO UAA	498 300	1

Type	Cat.No.	Qty.
IZUK 6/2/NM	470 372	10
IZUK 6/3/NM	470 373	10
IZUK 6/4/NM	470 374	10
IZUK 6/6/NM	470 376	10
IZUK 6/10/NM	470 379	5



Type	Cat.No.	Qty.
TF (Ø4)	493 050	10

Type	Cat.No.	Qty.
TF (Ø4)	493 050	10



Type	Cat.No.	Qty.
TKO 6/2/NM	470 352	25
TKO 6/3/NM	470 353	20
TKO 6/4/NM	470 354	15
TKO 6/10/NM	470 359	5

Type	Cat.No.	Qty.
UK 6/2/NM	470 322	25
UK 6/3/NM	470 323	20
UK 6/4/NM	470 324	15
UK 6/10/NM	470 329	5

Technical Data	
Rated Impulse Voltage / Pollution severity	6/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/B5
Protection class / Protection conductor type	IP 20 / -
Marking Tags (Dekafix)	D_NS 8x10, DG 10/8

Technical Data	
Rated Impulse Voltage / Pollution severity	6/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/B5
Protection class / Protection conductor type	IP 20 / -
Marking Tags (Dekafix)	D_NS 8x10, DG 10/8, SLF-P1 W

Technical Data	
Rated Impulse Voltage / Pollution severity	6/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/NA
Protection class / Protection conductor type	IP 20 / -
Marking Tags (Dekafix)	D_NS 8x10, DG 10/8, SLF-P1 W

Package Quantity
50 pcs.

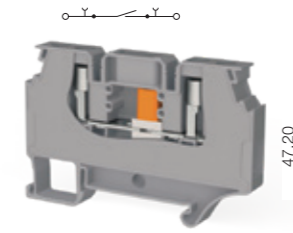
Package Quantity
50 pcs.

Package Quantity
50 pcs.

# WGO 6 Series "V0" Test / Disconnect Terminals

## new WGO 6/NM

Width: 8 mm



Cat No:

- 309 609
- 309 600

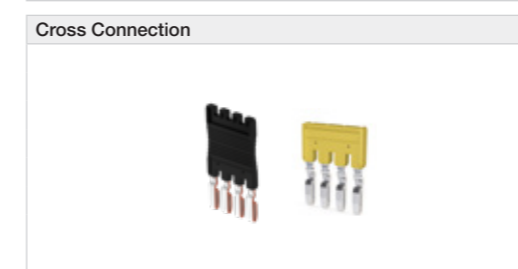


Electrical Ratings
CE (EN 60947-7-1)
UL
VDE (IEC 60947-7-1)
CSA
ATEX

Voltage, V ~	Current, A	Cross-Section
1000	41	6 mm <sup>2</sup>
600	50	AWG 24-8

Connection Data	
Conductor cross section solid (min.-max.)	0,2-10 mm <sup>2</sup>
Conductor cross section stranded (min.-max.)	0,2-10 mm <sup>2</sup>
AWG Conductor	AWG 24-8
Torque	0,8-1,0 Nm
Hole Diameter	10 mm
Bolt Diameter	B5
Screwdriver	IKT 4 (0,8x4)

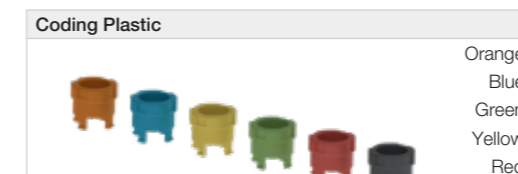
Type	Cat.No.	Qty.
CS 6/2	470 122	25
CS 6/3	470 123	20
CS 6/4	470 124	15
CS 6/5	470 125	10
CS 6/10	470 129	5
SCS 6/2	470 172	25
SCS 6/3	470 173	20
SCS 6/4	470 174	15



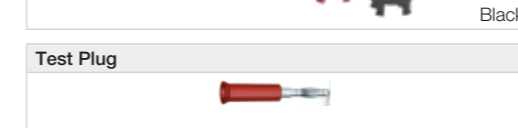
Type	Cat.No.	Qty.
WGO 6_PK	469 079	50
WGO 6_PK	469 077	50



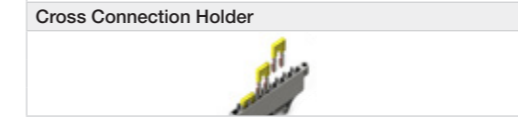
Type	Cat.No.	Qty.
WGO 6_KP	469 067	50
WGO 6_KP	469 061	50
WGO 6_KP	469 062	50
WGO 6_KP	469 063	50
WGO 6_KP	469 064	50
WGO 6_KP	469 065	50



Type	Cat.No.	Qty.
TFØ4	493 050	10



Type	Cat.No.	Qty.
ATCS 6	499 559	20



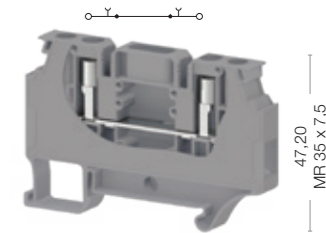
Type	Cat.No.	Qty.

Technical Data	
Rated Impulse Voltage / Pollution severity	6/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/NA
Protection class / Protection conductor type	IP 20 / -
Marking Tags (Dekafix)	D_NS 8x10, DG 10/8, SLF-P1 W

Technical Data	
Rated Impulse Voltage / Pollution severity	6/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/NA
Protection class / Protection conductor type	IP 20 / -
Marking Tags (Dekafix)	D_NS 8x10, DG 10/8, SLF-P1 W

## new WGO D6/NM

Width: 8 mm



Cat No:

- 309 619
- 309 610

Voltage, V ~	Current, A	Cross-Section
1000	41	6 mm <sup>2</sup>
600	50	AWG 24-8

Type	Cat.No.	Qty.
CS 6/2	470 122	25
CS 6/3	470 123	20
CS 6/4	470 124	15
CS 6/5	470 125	10
CS 6/10	470 129	5
SCS 6/2	470 172	25
SCS 6/3	470 173	20
SCS 6/4	470 174	15

Type	Cat.No.	Qty.
WGO 6_PK	469 079	50
WGO 6_PK	469 077	50

Type	Cat.No.	Qty.
WGO 6_KP	469 067	50
WGO 6_KP	469 061	50
WGO 6_KP	469 062	50
WGO 6_KP	469 063	50
WGO 6_KP	469 064	50
WGO 6_KP	469 065	50

Type	Cat.No.	Qty.
TFØ4	493 050	10

Type	Cat.No.	Qty.
ATCS 6	499 559	20

Technical Data	
Rated Impulse Voltage / Pollution severity	6/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/NA
Protection class / Protection conductor type	IP 20 / -
Marking Tags (Dekafix)	D_NS 8x10, DG 10/8, SLF-P1 W

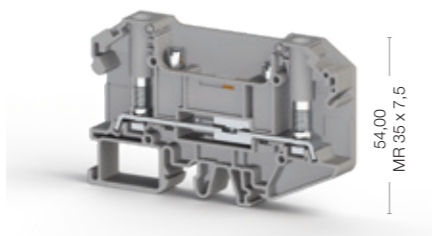
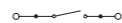
Technical Data	
Rated Impulse Voltage / Pollution severity	6/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/NA
Protection class / Protection conductor type	IP 20 / -
Marking Tags (Dekafix)	D_NS 8x10, DG 10/8, SLF-P1 W

Package Quantity
50 pcs.

# WGO PB Series "V0" Test / Disconnect Terminals

## WGO PB 6/NM

Width: 11 mm



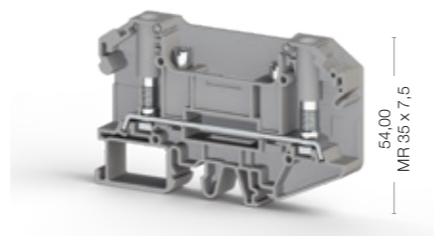
86,60

Cat No:

- 308 069
- 308 060

## WGO PBD 6/NM

Width: 11 mm






86,60

Cat No:

- 308 079
- 308 070

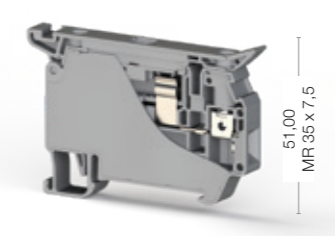


Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	1000	41	6 mm <sup>2</sup>	1000	41	6 mm <sup>2</sup>
UL	600	45	AWG 22-8	600	45	AWG 22-8
VDE (IEC 60947-7-1)						
CSA	600	45	AWG 22-8	600	45	AWG 22-8
ATEX						
Connection Data						
Conductor cross section solid (min.-max.)	0,5-6 mm <sup>2</sup>			0,5-6 mm <sup>2</sup>		
Conductor cross section stranded (min.-max.)	0,5-6 mm <sup>2</sup>			0,5-6 mm <sup>2</sup>		
AWG Conductor	AWG 22-8			AWG 22-8		
Torque	0,8-1,2 Nm			0,8-1,2 Nm		
Hole Diameter	4,2 mm			4,2 mm		
Bolt Diameter	4 mm			4 mm		
Screwdriver	IKT 5 (1,0x5,5)			IKT 5 (1,0x5,5)		
End Plate						
	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.
	NPP/WGO PB 6	451 009	25	NPP/WGO PB 6	451 009	25
	APP/WGO PB 6	464 019	25	APP/WGO PB 6	464 019	25
Comb Connector/Ring Type						
	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.
	TKO PB 6/2	479 002	25	TKO PB 6/2	479 002	25
	TKO PB 6/3	479 003	20	TKO PB 6/3	479 003	20
	TKO PB 6/4	479 004	15	TKO PB 6/4	479 004	15
	TKO PB 6/7	479 007	5	TKO PB 6/7	479 007	5
	TKO PB 6/10	479 009	5	TKO PB 6/10	479 009	5
Test Plug						
Technical Data						
Rated Impulse Voltage / Pollution severity	6/3			8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/NA			1/NA		
Protection class / Protection conductor type	IP 20 / -			IP 20 / -		
Marking Tags (Dekafix)						
See pages 326-333 for a list of Dekafix	D_NS 8x10, DG 10/8, SLF-P1 W			D_NS 8x10, DG 10/8, SLF-P1 W		
	25 pcs.			25 pcs.		

# Screw Type "V0" Fuse Terminals

## ASK 5/NM

Width: 8 mm



51,00  
MR 35 x 7,5

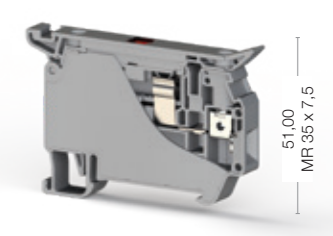
69,60

Cat No:

- 315 009

## ASK 5 LD/NM

Width: 8 mm




51,00  
MR 35 x 7,5

69,60

Cat No:

- 315 019



Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-3)	500	10	4 mm <sup>2</sup>		10	4 mm <sup>2</sup>
UL	300	10	AWG 26-10		10	AWG 26-10
VDE (IEC 60947-7-1)						
CSA						
ATEX						
Connection Data						
Conductor cross section solid (min.-max.)	0,2-6 mm <sup>2</sup>			0,2-6 mm <sup>2</sup>		
Conductor cross section stranded (min.-max.)	0,2-6 mm <sup>2</sup>			0,2-6 mm <sup>2</sup>		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min.-max.)	0,5-2,5 mm <sup>2</sup>			0,5-2,5 mm <sup>2</sup>		
AWG Conductor	AWG 24-10			AWG 24-10		
Insulation Stripping Length (min.-max.)	8-9 mm			8-9 mm		
Torque (min.-max.)	0,5-0,8 Nm			0,5-0,8 Nm		
Screwdriver	IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)		
Ordering Data				Type	Cat.No.	Qty.
				ASK 5 LD/NM 24V AC/DC	315 019	50
				ASK 5 LD /NM 110V AC/DC	315 029	50
				ASK 5 LD /NM 220V AC/DC	315 039	50
Push-in Cross Connection				Type	Cat.No.	Qty.
				UK 6/2/NM	470 322	25
				UK 6/3/NM	470 323	20
				UK 6/4/NM	470 324	15
				UK 6/10/NM	470 329	5
Technical Data						
Rated Impulse Voltage / Pollution severity	6/3			6/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A4			1/A4		
Protection class / Protection conductor type	IP 20 / -			IP 20 / -		
Fuse / Fuse Type	G/5x20-5x25			G/5x20-5x25		
Marking Tags (Dekafix)						
See pages 326-333 for a list of Dekafix	D_NS 8x10, DG 10/8			D_NS 8x10, DG 10/8		
Package Quantity	50 pcs.			50 pcs.		

# PB Series "V0" Feed Through and Earth Terminals

## PB 2,5/NM

Width: 9 mm

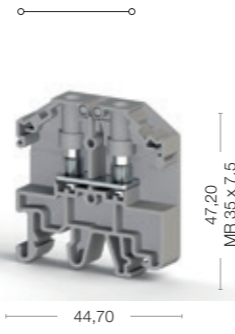


Cat No:

■ 308 029

## PB 2,5K/NM

Width: 9 mm

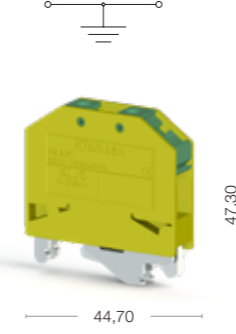


Cat No:

■ 308 039

## PB 2,5T/NM

Width: 10 mm

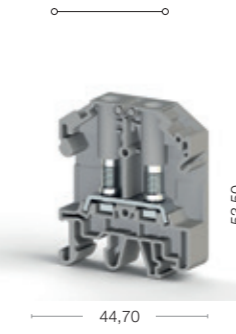


Cat No:

■ 337 010

## PB 6/NM

Width: 11 mm

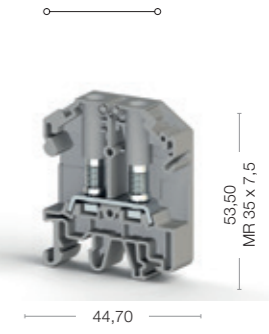


Cat No:

■ 308 009

## PB 6K/NM

Width: 11 mm



Cat No:

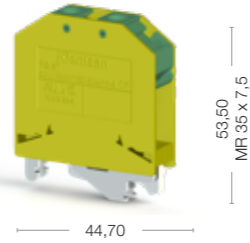
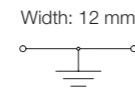
■ 308 019



Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section		Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
	CE (EN 60947-7-1 / EN 60947-7-2)	800	24	2,5 mm <sup>2</sup>	800	24		2,5 mm <sup>2</sup>					800	41	6 mm <sup>2</sup>	800
UL	600	20/15	AWG 26-14	600	20/15	AWG 26-14			AWG 26-14		600	45	AWG 22-8	600	45	AWG 22-8
VDE (IEC 60947-7-1)																
CSA	600	20/15	AWG 26-14	600	20/15	AWG 26-14			AWG 26-14		600	45	AWG 22-8	600	45	AWG 22-8
ATEX																
<b>Connection Data</b>																
Conductor cross section solid (min-max.)	0,1-2,5 mm <sup>2</sup>			0,1-2,5 mm <sup>2</sup>				0,1-2,5 mm <sup>2</sup>			0,5-6mm <sup>2</sup>			0,5-6mm <sup>2</sup>		
Conductor cross section stranded (min.-max.)	0,1-2,5 mm <sup>2</sup>			0,1-2,5 mm <sup>2</sup>				0,1-2,5 mm <sup>2</sup>			0,5-6 mm <sup>2</sup>			0,5-6 mm <sup>2</sup>		
AWG Conductor	AWG 26-14			AWG 26-14				AWG 26-14			AWG 22-8			AWG 22-8		
Torque (min-max.)	0,6-0,8 Nm			0,6-0,8 Nm				0,6-0,8 Nm			0,8-1,2 Nm			0,8-1,2 Nm		
Hole Diameter	3,2 mm			3,2 mm				3,2 mm			4,2 mm			4,2 mm		
Bolt Diameter	3,0 mm			3,0 mm				3,0 mm			4,0 mm			4,0 mm		
Screwdriver	IKT 4 (0,8x4,0)			IKT 4 (0,8x4,0)				IKT 5 (1,0x5,5)			IKT 5 (1,0x5,5)			IKT 5 (1,0x5,5)		
Rail Tightening torque, min-max.								0,4-0,6 Nm								
<b>End Plate - Disconnect Plate</b>																
	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.					Type	Cat.No.	Qty.	Type	Cat.No.	Qty.
	NPP/PB 2,5/NM	451 029	25	NPP/PB 2,5/NM	451 029	25					NPP / PB 6/NM	451 019	25	NPP / PB 6/NM	451 019	25
	APP/PB 2,5-6/NM	464 009	25	APP/PB 2,5-6/NM	464 009	25					APP / PB 2,5-6/NM	464 009	25	APP / PB 2,5-6/NM	464 009	25
<b>Cross Connection</b>																
	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.					Type	Cat.No.	Qty.	Type	Cat.No.	Qty.
	TKO PB 2,5/2	479 012	25	TKO PB 2,5/2	479 012	25					TKO- PB 6/2	479 002	25	TKO- PB 6/2	479 002	25
	TKO PB 2,5/3	479 013	20	TKO PB 2,5/3	479 013	20					TKO- PB 6/3	479 003	20	TKO- PB 6/3	479 003	20
	TKO PB 2,5/4	479 014	15	TKO PB 2,5/4	479 014	15					TKO- PB 6/4	479 004	15	TKO- PB 6/4	479 004	15
	TKO PB 2,5/7	479 017	5	TKO PB 2,5/7	479 017	5					TKO- PB 6/7	479 007	5	TKO- PB 6/7	479 007	5
	TKO PB 2,5/10	479 019	5	TKO PB 2,5/10	479 019	5					TKO- PB 6/10	479 009	5	TKO- PB 6/10	479 009	5
<b>Test Plug</b>																
	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.		Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.
				TF (Ø2,3)	493 023	5								TF (Ø4)	493 050	10
<b>Technical Data</b>																
Rated Impulse Voltage / Pollution severity	8/3			8/3				8/3			8/3			8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/NA			1/NA				1/NA			1/NA			1/NA		
Protection class / Protection conductor type	IP 20 / -			IP 20 / -				IP 20 / PE			IP 20 / -			IP 20 / -		
<b>Marking Tags (Dekafix)</b>																
See pages 326-333 for a list of Dekafix	D_NS 6x10, DB 10/6, DG 10/6, DG 10/6T			D_NS 6x10, DB 10/6, DG 10/6, DG 10/6T				D_NS 6x10, DB 10/6, DG 10/6, DG 10/6T			DN_S 8x10, DG 10/8			DN_S 8x10, DG 10/8		
<b>Package Quantity</b>																
	45 pcs.			45 pcs.				45 pcs.			40 pcs.			40 pcs.		

# PB Series "V0" Feed Through and Earth Terminals

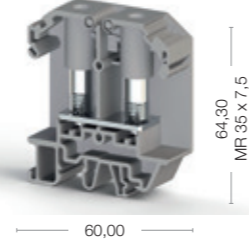
## PB 6 T/NM



Cat No:

337 000

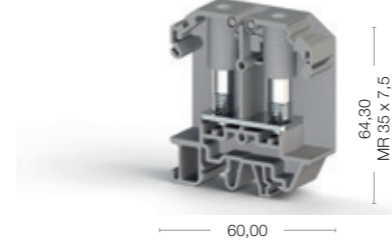
## PB 25/NM (M5)



Cat No:

308 049

## PB 25/NM (M6)



Cat No:

308 059



Electrical Ratings
CE (EN 60947-7-1 / EN 60947-7-2)
UL
VDE (IEC 60947-7-1)
CSA
ATEX

Voltage, V ~	Current, A	Cross-Section
		6 mm <sup>2</sup>
		AWG 22-8
		AWG 22-8

Voltage, V ~	Current, A	Cross-Section
800	101	25 mm <sup>2</sup>
600	115/85	AWG 26-4
600	115/85	AWG 26-4

Voltage, V ~	Current, A	Cross-Section

Voltage, V ~	Current, A	Cross-Section
800	101	25 mm <sup>2</sup>
600	115/85	AWG 26-4
600	115/85	AWG 26-4

Connection Data	
Conductor cross section solid (min.-max.)	0,5-6 mm <sup>2</sup>
Conductor cross section stranded (min.-max.)	0,5-6 mm <sup>2</sup>
AWG Conductor	AWG 22-8
Torque (min.-max.)	0,8-1,2 Nm
Hole Diameter	4 mm
Bolt Diameter	4,0 mm
Screwdriver	IKT 5 (1,0x5,5)
Rail Tightening torque, min.-max.	0,6-08 Nm

Voltage, V ~	Current, A	Cross-Section

Voltage, V ~	Current, A	Cross-Section

Voltage, V ~	Current, A	Cross-Section

Voltage, V ~	Current, A	Cross-Section

End Plate - Disconnect Plate

Type	Cat.No.	Qty.
NPP PB 25/NM	451 039	25
APP PB 25/NM	464 019	25

Type	Cat.No.	Qty.

Type	Cat.No.	Qty.

Type	Cat.No.	Qty.
NPP PB 25/NM	451 039	25
APP PB 25/NM	464 019	25

Comb Connector

Type	Cat.No.	Qty.

Type	Cat.No.	Qty.

Type	Cat.No.	Qty.

Type	Cat.No.	Qty.

Cross Connection

Type	Cat.No.	Qty.

Type	Cat.No.	Qty.
TKO PB 25/2	479 022	25

Type	Cat.No.	Qty.

Type	Cat.No.	Qty.
TKO PB 25/2	479 022	25

Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/NA
Protection class / Protection conductor type	IP 20 / PE
Marking Tags (Dekafix)	
See pages 326-333 for a list of Dekafix	D_NS 8x10, DG 10/8

Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/NA
Protection class / Protection conductor type	IP 20 / PE
Marking Tags (Dekafix)	
See pages 326-333 for a list of Dekafix	D_NS 10x10, DG 10/10

Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/NA
Protection class / Protection conductor type	IP 20 / PE
Marking Tags (Dekafix)	
See pages 326-333 for a list of Dekafix	D_NS 10x10, DG 10/10

Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/NA
Protection class / Protection conductor type	IP 20 / PE
Marking Tags (Dekafix)	
See pages 326-333 for a list of Dekafix	D_NS 10x10, DG 10/10

Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/NA
Protection class / Protection conductor type	IP 20 / PE
Marking Tags (Dekafix)	
See pages 326-333 for a list of Dekafix	D_NS 10x10, DG 10/10

Package Quantity
40 pcs.

Package Quantity
10 pcs.

Package Quantity
10 pcs.

Package Quantity
10 pcs.

Package Quantity
10 pcs.



# SRD Series Terminals

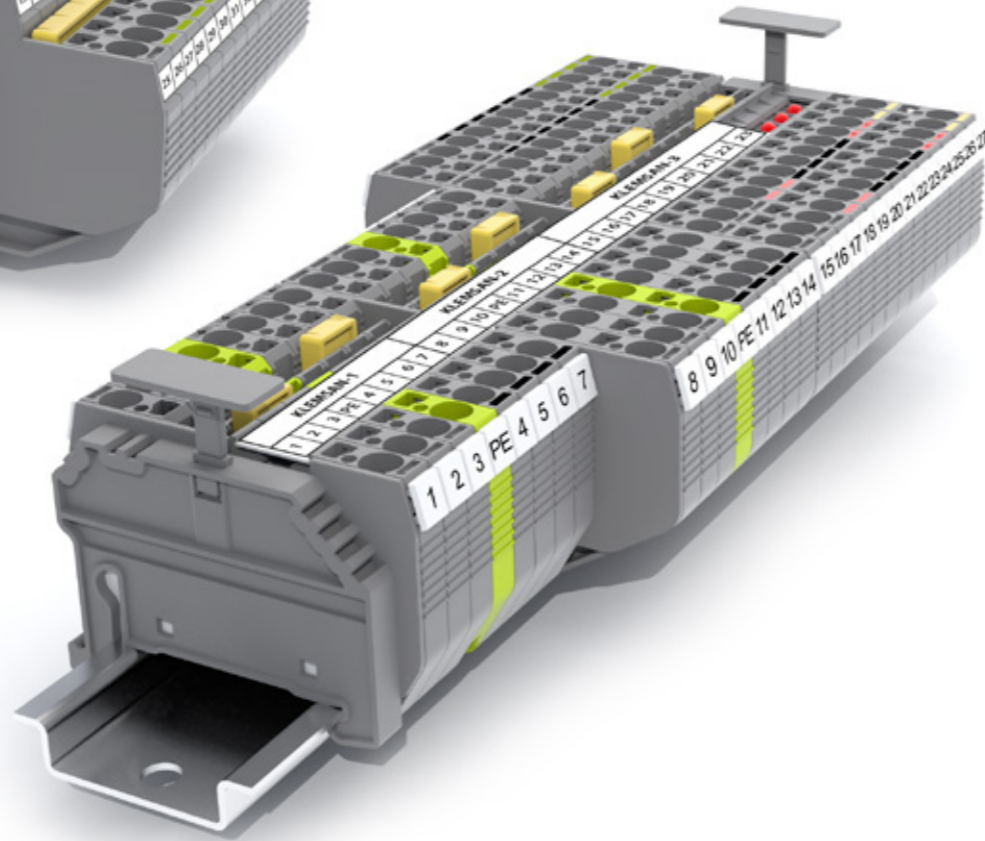
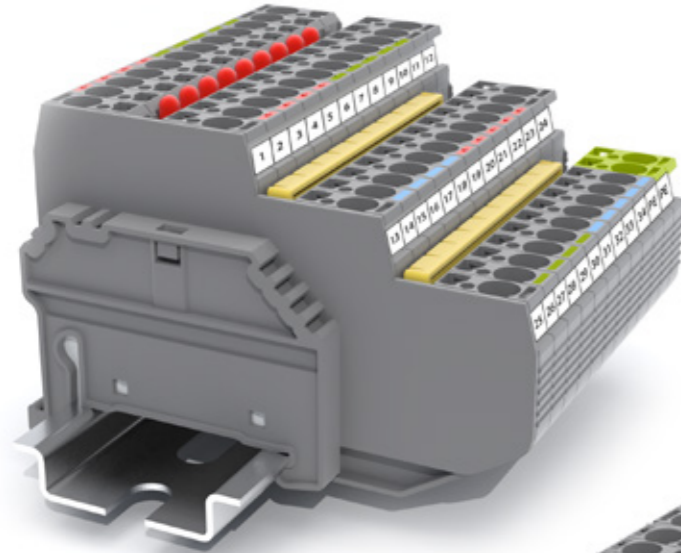
**new**

**V0**  
material

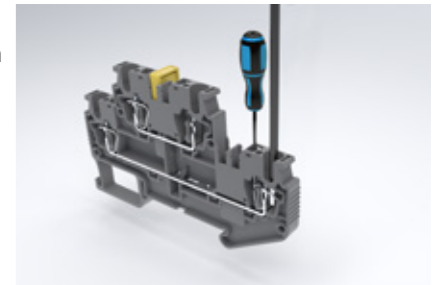
**Complying EN 45545-2 European railway standard for fire safety classes R22-R23-R24-R26 for HL1 - HL2 - HL3**

Thanks to new ergonomical design and used push-in cross connections, SRD Series have quicker and easier rail mounting advantages compared with YBK series.

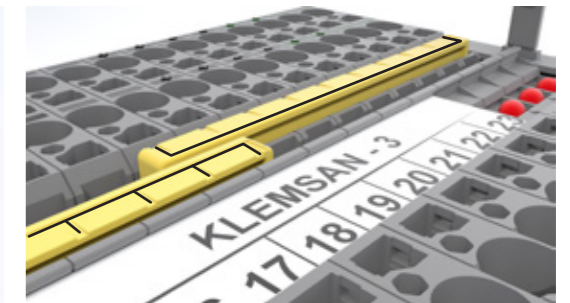
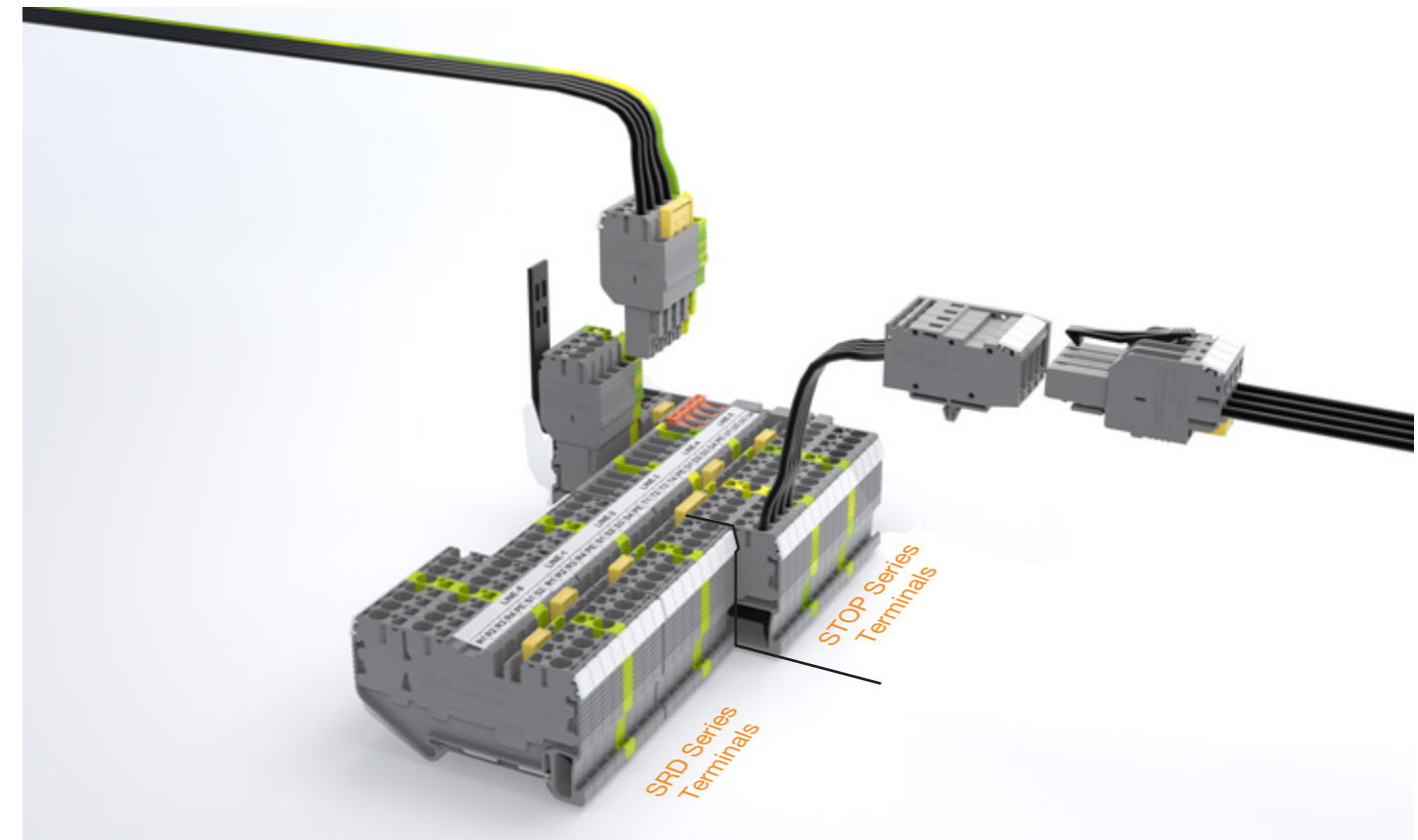
You can select special types SRD Series terminals (such as Led, Diodes... etc ) from the range for your various applications.



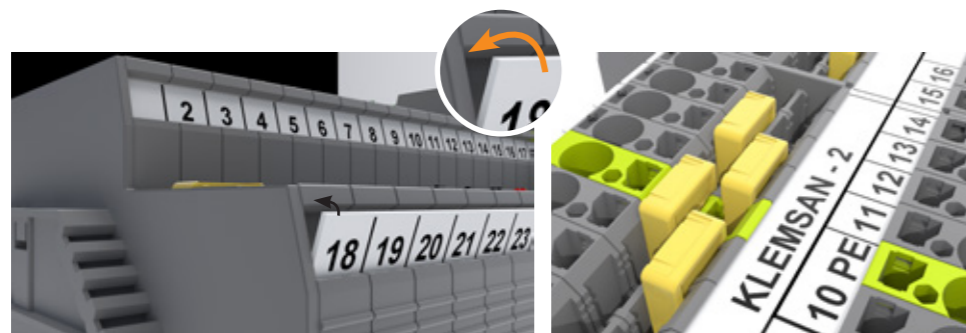
- (Green +) and (Red -) : ..V/DC and Diode Version
- (Blue) : Neutral Connections
- (Black) : Combined Connections
- (Yellow) : Combined Connections



**Wire Assembly for Terminals:**  
Wires can be assembled quickly and easily by opening the spring cage with suitable screwdriver



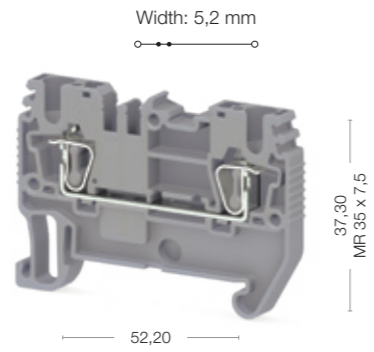
SRD Series can be marked with marking strips, printed with thermal transfer printers. Single floor terminals can be marked with 11.2 mm strip labels, and double floor terminals can be marked with 4.9 mm strip labels.



**Cross Connection:**  
Thanks to dual cross connection ability, user can make continous cross connections. Same cross connections can be used together with STOP series even on same din rail Project. You can use permanent markers to indicate poles on cross-connectors.

# SRD 2,5

## new SRD 2,5



Cat No:

- 311 059
- 311 050

## new SRD 2,5 D-A



Cat No:

- 311 069
- 311 060

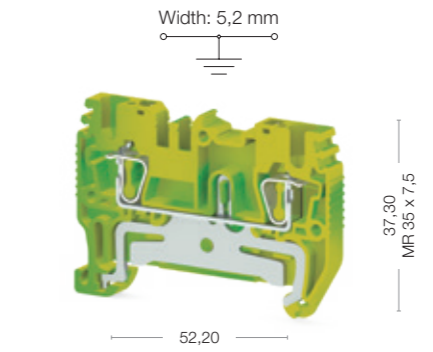
## new SRD 2,5 D-B



Cat No:

- 311 079
- 311 070

## new SRD 2,5 T



Cat No:

- 337 120



Electrical Ratings
IEC (EN 60947-7-1/EN 60947-7-2)
UL
VDE (IEC 60947-7-1)
CSA
ATEX

Voltage, V ~	Current, A	Cross-Section
800	24	2,5 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
800	1	2,5 mm <sup>2</sup>
The max. current is determined by the diode. Installed: Diode 1N 4007, reverse voltage: 1300 V, maximum continuous current: 0.5 A.		

Voltage, V ~	Current, A	Cross-Section
800	1	2,5 mm <sup>2</sup>
The max. current is determined by the diode. Installed: Diode 1N 4007, reverse voltage: 1300 V, maximum continuous current: 0.5 A.		

Voltage, V ~	Current, A	Cross-Section
800	1	2,5 mm <sup>2</sup>
The max. current is determined by the diode. Installed: Diode 1N 4007, reverse voltage: 1300 V, maximum continuous current: 0.5 A.		

Voltage, V ~	Current, A	Cross-Section
800	1	2,5 mm <sup>2</sup>
The max. current is determined by the diode. Installed: Diode 1N 4007, reverse voltage: 1300 V, maximum continuous current: 0.5 A.		

Connection Data
Conductor cross section solid (min.-max.)
Conductor cross section stranded (min.-max.)
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve
AWG Conductor
Insulation Stripping Length (min.-max.)
Screwdriver

Conductor cross section solid (min.-max.)	Conductor cross section stranded (min.-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	AWG Conductor	Insulation Stripping Length (min.-max.)	Screwdriver
0,08 - 4 mm <sup>2</sup>	0,14 - 2,5 mm <sup>2</sup>	0,5 mm <sup>2</sup>	28-12	8-10	KT1 (0,4x2,5)

Conductor cross section solid (min.-max.)	Conductor cross section stranded (min.-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	AWG Conductor	Insulation Stripping Length (min.-max.)	Screwdriver
0,08 - 4 mm <sup>2</sup>	0,14 - 2,5 mm <sup>2</sup>	0,5 mm <sup>2</sup>	28-12	8-10	KT1 (0,4x2,5)

Conductor cross section solid (min.-max.)	Conductor cross section stranded (min.-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	AWG Conductor	Insulation Stripping Length (min.-max.)	Screwdriver
0,08 - 4 mm <sup>2</sup>	0,14 - 2,5 mm <sup>2</sup>	0,5 mm <sup>2</sup>	28-12	8-10	KT1 (0,4x2,5)

Conductor cross section solid (min.-max.)	Conductor cross section stranded (min.-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	AWG Conductor	Insulation Stripping Length (min.-max.)	Screwdriver
0,08 - 4 mm <sup>2</sup>	0,14 - 2,5 mm <sup>2</sup>	0,5 mm <sup>2</sup>	28-12	8-10	KT1 (0,4x2,5)

Conductor cross section solid (min.-max.)	Conductor cross section stranded (min.-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	AWG Conductor	Insulation Stripping Length (min.-max.)	Screwdriver
0,08 - 4 mm <sup>2</sup>	0,14 - 2,5 mm <sup>2</sup>	0,5 mm <sup>2</sup>	28-12	8-10	KT1 (0,4x2,5)

Technical Data For Diode
Diode Reverse Voltage
Diode Current
Diod

Diode Reverse Voltage	Diode Current	Diod
1000V	1 A	1 N 4007

Diode Reverse Voltage	Diode Current	Diod
1000V	1 A	1 N 4007

Diode Reverse Voltage	Diode Current	Diod
1000V	1 A	1 N 4007

Diode Reverse Voltage	Diode Current	Diod
1000V	1 A	1 N 4007

Diode Reverse Voltage	Diode Current	Diod
1000V	1 A	1 N 4007

End Plate

Type	Cat.No.	Qty.
NPP/SRD 2,5	451 059	50

Type	Cat.No.	Qty.
NPP/SRD 2,5	451 059	50

Type	Cat.No.	Qty.
NPP/SRD 2,5	451 059	50

Type	Cat.No.	Qty.
NPP/SRD 2,5	451 059	50

Type	Cat.No.	Qty.
NPP/SRD 2,5	451 052T	50

Partition Plate

Type	Cat.No.	Qty.
APP/SRD 2,5	464 029	50

Type	Cat.No.	Qty.
APP/SRD 2,5	464 029	50

Type	Cat.No.	Qty.
APP/SRD 2,5	464 029	50

Type	Cat.No.	Qty.
APP/SRD 2,5	464 029	50

Type	Cat.No.	Qty.
APP/SRD 2,5	464 029	50

Test Plug

Type	Cat.No.	Qty.
TF Ø2	493 020	5

Type	Cat.No.	Qty.
TF Ø2	493 020	5

Type	Cat.No.	Qty.
TF Ø2	493 020	5

Type	Cat.No.	Qty.
TF Ø2	493 020	5

Type	Cat.No.	Qty.
TF Ø2	493 020	5

Cross Connection

Type	Cat.No.	Qty.
CS 2,5/2	470 102	25
CS 2,5/3	470 103	20
CS 2,5/4	470 104	15
CS 2,5/5	470 105	10
CS 2,5/10	470 109	5
CS 2,5/20	470 170	10

Type	Cat.No.	Qty.
CS 2,5/2	470 102	25
CS 2,5/3	470 103	20
CS 2,5/4	470 104	15
CS 2,5/5	470 105	10
CS 2,5/10	470 109	5
CS 2,5/20	470 170	10

Type	Cat.No.	Qty.
CS 2,5/2	470 102	25
CS 2,5/3	470 103	20
CS 2,5/4	470 104	15
CS 2,5/5	470 105	10
CS 2,5/10	470 109	5
CS 2,5/20	470 170	10

Type	Cat.No.	Qty.
CS 2,5/2	470 102	25
CS 2,5/3	470 103	20
CS 2,5/4	470 104	15
CS 2,5/5	470 105	10
CS 2,5/10	470 109	5
CS 2,5/20	470 170	10

Type	Cat.No.	Qty.
CS 2,5/2	470 102	25
CS 2,5/3	470 103	20
CS 2,5/4	470 104	15
CS 2,5/5	470 105	10
CS 2,5/10	470 109	5
CS 2,5/20	470 170	10

Technical Data
Rated Impulse Voltage / Pollution severity
Insulation material group / Gauge pin code according to IEC 60947-1
Protection class / Protection conductor type
Marking Tags (Dekafix)
See pages 326-333 for a list of Dekafix

Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type	Marking Tags (Dekafix)
8/3	1/A3	IP20/NA	D_NS 5,2x6, SLF-P1 W

Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type	Marking Tags (Dekafix)
8/3	1/A3	IP20/NA	D_NS 5,2x6, SLF-P1 W

Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type	Marking Tags (Dekafix)
8/3	1/A3	IP20/NA	D_NS 5,2x6, SLF-P1 W

Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type	Marking Tags (Dekafix)
8/3	1/A3	IP20/NA	D_NS 5,2x6, SLF-P1 W

Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type	Marking Tags (Dekafix)
8/3	1/A3	IP20/PE	D_NS 5,2x6, SLF-P1 W

Package Quantity
50

Package Quantity
50

Package Quantity
50

Package Quantity
50

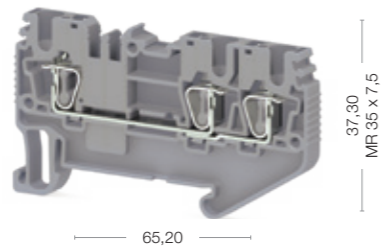
Package Quantity
50

Package Quantity
50

# SRD 2,5 E

## **new** SRD 2,5 E

Width: 5,2 mm

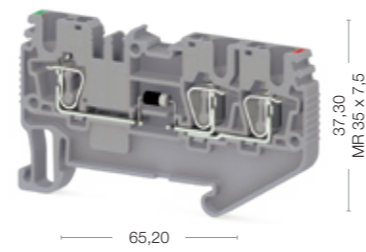


Cat No:

- 311 089
- 311 080

## **new** SRD 2,5 ED-A

Width: 5,2 mm

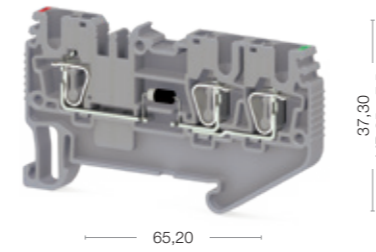


Cat No:

- 311 099
- 311 090

## **new** SRD 2,5 ED-B

Width: 5,2 mm

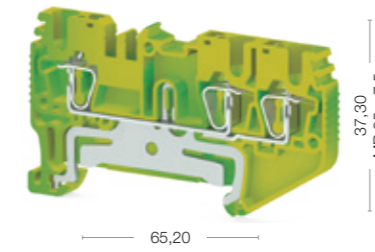


Cat No:

- 311 109
- 311 100

## **new** SRD 2,5 ET


Width: 5,2 mm











Cat No:





- 337 130











Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	800	24	2,5 mm <sup>2</sup>
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			
Connection Data			
Conductor cross section solid (min.-max.)	0,08 - 4 mm <sup>2</sup>		
Conductor cross section stranded (min.-max.)	0,14 - 2,5 mm <sup>2</sup>		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm <sup>2</sup>		
AWG Conductor	28-12		
Insulation Stripping Length (min.-max.)	8-10		
Screwdriver	KT1 (0,4x2,5)		
Technical Data For Diode			
Diode Reverse Voltage	1000V		
Diode Current	1 A		
Diode	1 N 4007		
End Plate	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	NPP/SRD 2,5E	451 159	50
Partition Plate	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	APP/SRD 2,5E	464 079	50
Test Plug	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	TF Ø2	493 020	5
Cross Connection	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	CS 2,5/2	470 102	25
	CS 2,5/3	470 103	20
	CS 2,5/4	470 104	15
	CS 2,5/5	470 105	10
	CS 2,5/10	470 109	5
	CS 2,5/20	470 170	10
Technical Data			
Rated Impulse Voltage / Pollution severity	8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3		
Protection class / Protection conductor type	IP20/NA		
Marking Tags (Dekafix)			
See pages 326-333 for a list of Dekafix	D_NS 5,2x6, SLF-P1 W		
Package Quantity	50		

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	800	1	2,5 mm <sup>2</sup>
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			
Connection Data			
Conductor cross section solid (min.-max.)	0,08 - 4 mm <sup>2</sup>		
Conductor cross section stranded (min.-max.)	0,14 - 2,5 mm <sup>2</sup>		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm <sup>2</sup>		
AWG Conductor	28-12		
Insulation Stripping Length (min.-max.)	8-10		
Screwdriver	KT1 (0,4x2,5)		
Technical Data For Diode			
Diode Reverse Voltage	1000V		
Diode Current	1 A		
Diode	1 N 4007		
End Plate	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	NPP/SRD 2,5E	451 159	50
Partition Plate	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	APP/SRD 2,5E	464 079	50
Test Plug	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	TF Ø2	493 020	5
Cross Connection	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	CS 2,5/2	470 102	25
	CS 2,5/3	470 103	20
	CS 2,5/4	470 104	15
	CS 2,5/5	470 105	10
	CS 2,5/10	470 109	5
	CS 2,5/20	470 170	10
Technical Data			
Rated Impulse Voltage / Pollution severity	8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3		
Protection class / Protection conductor type	IP20/NA		
Marking Tags (Dekafix)			
See pages 326-333 for a list of Dekafix	D_NS 5,2x6, SLF-P1 W		
Package Quantity	50		

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	800	1	2,5 mm <sup>2</sup>
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			
Connection Data			
Conductor cross section solid (min.-max.)	0,08 - 4 mm <sup>2</sup>		
Conductor cross section stranded (min.-max.)	0,14 - 2,5 mm <sup>2</sup>		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm <sup>2</sup>		
AWG Conductor	28-12		
Insulation Stripping Length (min.-max.)	8-10		
Screwdriver	KT1 (0,4x2,5)		
Technical Data For Diode			
Diode Reverse Voltage	1000V		
Diode Current	1 A		
Diode	1 N 4007		
End Plate	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	NPP/SRD 2,5E	451 159	50
Partition Plate	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	APP/SRD 2,5E	464 079	50
Test Plug	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	TF Ø2	493 020	5
Cross Connection	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	CS 2,5/2	470 102	25
	CS 2,5/3	470 103	20
	CS 2,5/4	470 104	15
	CS 2,5/5	470 105	10
	CS 2,5/10	470 109	5
	CS 2,5/20	470 170	10
Technical Data			
Rated Impulse Voltage / Pollution severity	8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3		
Protection class / Protection conductor type	IP20/NA		
Marking Tags (Dekafix)			
See pages 326-333 for a list of Dekafix	D_NS 5,2x6, SLF-P1 W		
Package Quantity	50		


Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	800	1	2,5 mm <sup>2</sup>
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			
Connection Data			
Conductor cross section solid (min.-max.)	0,08 - 4 mm <sup>2</sup>		
Conductor cross section stranded (min.-max.)	0,14 - 2,5 mm <sup>2</sup>		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm <sup>2</sup>		
AWG Conductor	28-12		
Insulation Stripping Length (min.-max.)	8-10		
Screwdriver	KT1 (0,4x2,5)		
Technical Data For Diode			
Diode Reverse Voltage	1000V		
Diode Current	1 A		
Diode	1 N 4007		
End Plate	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	NPP/SRD 2,5E	451 159	50
Partition Plate	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	APP/SRD 2,5E	464 079	50
Test Plug	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	TF Ø2	493 020	5
Cross Connection	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	CS 2,5/2	470 102	25
	CS 2,5/3	470 103	20
	CS 2,5/4	470 104	15
	CS 2,5/5	470 105	10
	CS 2,5/10	470 109	5
	CS 2,5/20	470 170	10
Technical Data			
Rated Impulse Voltage / Pollution severity	8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3		
Protection class / Protection conductor type	IP20/NA		
Marking Tags (Dekafix)			
See pages 326-333 for a list of Dekafix	D_NS 5,2x6, SLF-P1 W		
Package Quantity	50		

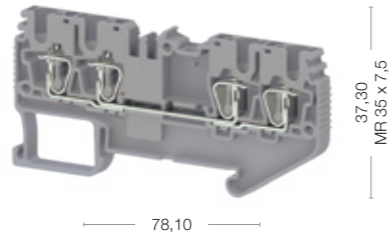
Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	800	1	2,5 mm <sup>2</sup>
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			
Connection Data			
Conductor cross section solid (min.-max.)	0,08 - 4 mm <sup>2</sup>		
Conductor cross section stranded (min.-max.)	0,14 - 2,5 mm <sup>2</sup>		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm <sup>2</sup>		
AWG Conductor	28-12		
Insulation Stripping Length (min.-max.)	8-10		
Screwdriver	KT1 (0,4x2,5)		
Technical Data For Diode			
Diode Reverse Voltage	1000V		
Diode Current	1 A		
Diode	1 N 4007		
End Plate	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	NPP/SRD 2,5E	451 159	50
Partition Plate	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	APP/SRD 2,5E	464 079	50
Test Plug	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	TF Ø2	493 020	5
Cross Connection	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	CS 2,5/2	470 102	25
	CS 2,5/3	470 103	20
	CS 2,5/4	470 104	15
	CS 2,5/5	470 105	10
	CS 2,5/10	470 109	5
	CS 2,5/20	470 170	10
Technical Data			
Rated Impulse Voltage / Pollution severity	8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3		
Protection class / Protection conductor type	IP20/NA		
Marking Tags (Dekafix)			
See pages 326-333 for a list of Dekafix	D_NS 5,2x6, SLF-P1 W		
Package Quantity	50		

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	800	1	2,5 mm <sup>2</sup>
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			
Connection Data			
Conductor cross section solid (min.-max.)	0,08 - 4 mm <sup>2</sup>		
Conductor cross section stranded (min.-max.)	0,14 - 2,5 mm <sup>2</sup>		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm <sup>2</sup>		
AWG Conductor	28-12		
Insulation Stripping Length (min.-max.)	8-10		
Screwdriver	KT1 (0,4x2,5)		
Technical Data For Diode			
Diode Reverse Voltage	1000V		
Diode Current	1 A		
Diode	1 N 4007		
End Plate	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	NPP/SRD 2,5E	451 152T	50
Partition Plate	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	APP/SRD 2,5E	464 079	50
Test Plug	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	TF Ø2	493 020	5
Cross Connection	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	CS 2,5/2	470 102	25
	CS 2,5/3	470 103	20
	CS 2,5/4	470 104	15
	CS 2,5/5	470 105	10
	CS 2,5/10	470 109	5
	CS 2,5/20	470 170	10
Technical Data			
Rated Impulse Voltage / Pollution severity	8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3		
Protection class / Protection conductor type	IP20/PE		
Marking Tags (Dekafix)			
See pages 326-333 for a list of Dekafix	D_NS 5,2x6, SLF-P1 W		
Package Quantity	50		

# SRD 2,5 C

## **new** SRD 2,5 C

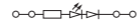
Width: 5,2 mm  


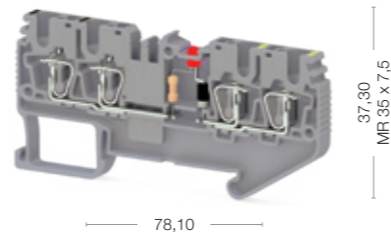


Cat No:

- 311 119
- 311 110

## **new** SRD 2,5 CLD-24VAC


Width: 5,2 mm  


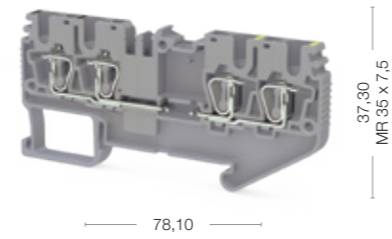


Cat No:

- 311 169
- 311 160

## **new** SRD 2,5 Cx2


Width: 5,2 mm  


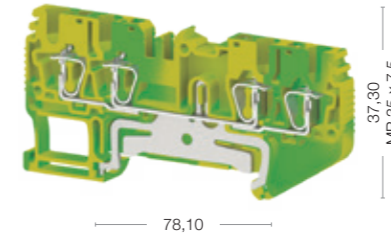


Cat No:

- 311 149
- 311 140

## **new** SRD 2,5 CT

Width: 5,2 mm  




Cat No:

- 337 140



Electrical Ratings
IEC (EN 60947-7-1/EN 60947-7-2)
UL
VDE (IEC 60947-7-1)
CSA
ATEX


Connection Data	
Conductor cross section solid (min.-max.)	0,08 - 4 mm <sup>2</sup>
Conductor cross section stranded (min.-max.)	0,14 - 2,5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm <sup>2</sup>
AWG Conductor	28-12
Insulation Stripping Length (min.-max.)	8-10
Screwdriver	KT1 (0,4x2,5)

Technical Data For Diode	
Diode Reverse Voltage	1000V
Diode Current	1 A
Diode	1 N 4007

End Plate	Type	Cat.No.	Qty.
	NPP/SRD 2,5C	451 189	50

Partition Plate	Type	Cat.No.	Qty.
	APP/SRD 2,5C	464 119	50

Test Plug	Type	Cat.No.	Qty.
	TF Ø2	493 020	5

Cross Connection	Type	Cat.No.	Qty.
	CS 2,5/2	470 102	25
	CS 2,5/3	470 103	20
	CS 2,5/4	470 104	15
	CS 2,5/5	470 105	10
	CS 2,5/10	470 109	5
	CS 2,5/20	470 170	10

Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3
Protection class / Protection conductor type	IP20/NA
Marking Tags (Dekafix)	
See pages 326-333 for a list of Dekafix	D_NS 5,2x6, SLF-P1 W

Package Quantity
50

Voltage, V ~	Current, A	Cross-Section
800	24	2,5 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
24	24	2,5 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
500	24	2,5 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
500	24	2,5 mm <sup>2</sup>

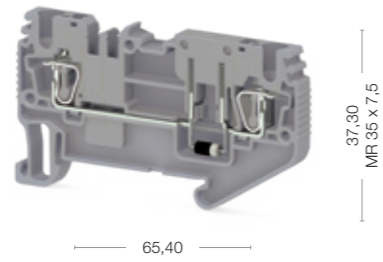
Voltage, V ~	Current, A	Cross-Section

SRD 2,5 CLD-..... Ordering Data		
24VDC	Gray	311 159
	Beige	311 150
48VAC	Gray	311 189
	Beige	311 180
48VDC	Gray	311 179
	Beige	311 170
110VAC	Gray	311 209
	Beige	311 200
110VDC	Gray	311 199
	Beige	311 190
220VAC	Gray	311 229
	Beige	311 220
220VDC	Gray	311 219
	Beige	311 210

# SRD 2,5 A

## new SRD 2,5 AD-A

Width: 5,2 mm



37,30  
MR 35 x 7,5

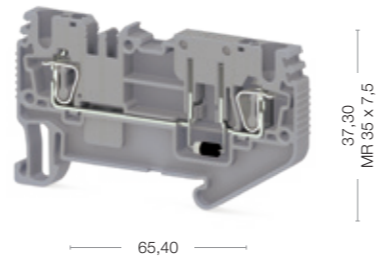
65,40

Cat No:

- 311 249
- 311 240

## new SRD 2,5 AD-B

Width: 5,2 mm



37,30  
MR 35 x 7,5

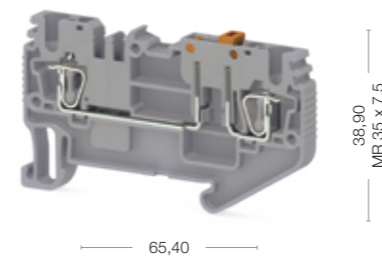
65,40

Cat No:

- 311 259
- 311 250

## new SRD 2,5 A

Width: 5,2 mm



38,90  
MR 35 x 7,5

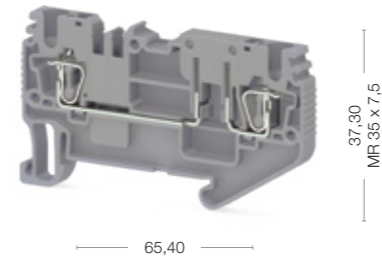
65,40

Cat No:

- 311 239
- 311 230

## new SRD 2,5 AK

Width: 5,2 mm



37,30  
MR 35 x 7,5

65,40

Cat No:

- 311 269
- 311 260



Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	500	1	2,5 mm <sup>2</sup>
UL			
VDE (IEC 60947-7-1)	The max. current is determined by the diode. Installed: Diode 1N 4007, reverse voltage: 1300 V, maximum continuous current: 0.5 A.		
CSA			
ATEX			
Connection Data			
Conductor cross section solid (min.-max.)	0,08 - 4 mm <sup>2</sup>		
Conductor cross section stranded (min.-max.)	0,14 - 2,5 mm <sup>2</sup>		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm <sup>2</sup>		
AWG Conductor	28-12		
Insulation Stripping Length (min.-max.)	8-10		
Screwdriver	KT1 (0,4x2,5)		
Technical Data For Diode			
Diode Reverse Voltage	1000V		
Diode Current	1 A		
Diod	1 N 4007		
End Plate			
	Type	Cat.No.	Qty.
	NPP/SRD 2,5E	451 159	50
Partition Plate			
	Type	Cat.No.	Qty.
	APP/SRD 2,5E	464 079	50
Test Plug			
	Type	Cat.No.	Qty.
	TF Ø2	493 020	5
Cross Connection			
	Type	Cat.No.	Qty.
	CS 2,5/2	470 102	25
	CS 2,5/3	470 103	20
	CS 2,5/4	470 104	15
	CS 2,5/5	470 105	10
	CS 2,5/10	470 109	5
	CS 2,5/20	470 170	10
Technical Data			
Rated Impulse Voltage / Pollution severity	8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3		
Protection class / Protection conductor type	IP20/NA		
Marking Tags (Dekafix)			
See pages 326-333 for a list of Dekafix	D_NS 5,2x6, SLF-P1 W		
Package Quantity			
	50		

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	500	1	2,5 mm <sup>2</sup>
UL			
VDE (IEC 60947-7-1)	The max. current is determined by the diode. Installed: Diode 1N 4007, reverse voltage: 1300 V, maximum continuous current: 0.5 A.		
CSA			
ATEX			
Connection Data			
Conductor cross section solid (min.-max.)	0,08 - 4 mm <sup>2</sup>		
Conductor cross section stranded (min.-max.)	0,14 - 2,5 mm <sup>2</sup>		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm <sup>2</sup>		
AWG Conductor	28-12		
Insulation Stripping Length (min.-max.)	8-10		
Screwdriver	KT1 (0,4x2,5)		
Technical Data For Diode			
Diode Reverse Voltage	1000V		
Diode Current	1 A		
Diod	1 N 4007		
End Plate			
	Type	Cat.No.	Qty.
	NPP/SRD 2,5E	451 159	50
Partition Plate			
	Type	Cat.No.	Qty.
	APP/SRD 2,5E	464 079	50
Test Plug			
	Type	Cat.No.	Qty.
	TF Ø2	493 020	5
Cross Connection			
	Type	Cat.No.	Qty.
	CS 2,5/2	470 102	25
	CS 2,5/3	470 103	20
	CS 2,5/4	470 104	15
	CS 2,5/5	470 105	10
	CS 2,5/10	470 109	5
	CS 2,5/20	470 170	10
Technical Data			
Rated Impulse Voltage / Pollution severity	8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3		
Protection class / Protection conductor type	IP20/NA		
Marking Tags (Dekafix)			
See pages 326-333 for a list of Dekafix	D_NS 5,2x6, SLF-P1 W		
Package Quantity			
	50		

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	500	1	2,5 mm <sup>2</sup>
UL			
VDE (IEC 60947-7-1)	The max. current is determined by the diode. Installed: Diode 1N 4007, reverse voltage: 1300 V, maximum continuous current: 0.5 A.		
CSA			
ATEX			
Connection Data			
Conductor cross section solid (min.-max.)	0,08 - 4 mm <sup>2</sup>		
Conductor cross section stranded (min.-max.)	0,14 - 2,5 mm <sup>2</sup>		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm <sup>2</sup>		
AWG Conductor	28-12		
Insulation Stripping Length (min.-max.)	8-10		
Screwdriver	KT1 (0,4x2,5)		
Technical Data For Diode			
Diode Reverse Voltage	1000V		
Diode Current	1 A		
Diod	1 N 4007		
End Plate			
	Type	Cat.No.	Qty.
	NPP/SRD 2,5E	451 159	50
Partition Plate			
	Type	Cat.No.	Qty.
	APP/SRD 2,5E	464 079	50
Test Plug			
	Type	Cat.No.	Qty.
	TF Ø2	493 020	5
Cross Connection			
	Type	Cat.No.	Qty.
	CS 2,5/2	470 102	25
	CS 2,5/3	470 103	20
	CS 2,5/4	470 104	15
	CS 2,5/5	470 105	10
	CS 2,5/10	470 109	5
	CS 2,5/20	470 170	10
Technical Data			
Rated Impulse Voltage / Pollution severity	8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3		
Protection class / Protection conductor type	IP20/NA		
Marking Tags (Dekafix)			
See pages 326-333 for a list of Dekafix	D_NS 5,2x6, SLF-P1 W		
Package Quantity			
	50		

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	500	20	2,5 mm <sup>2</sup>
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			
Connection Data			
Conductor cross section solid (min.-max.)	0,08 - 4 mm <sup>2</sup>		
Conductor cross section stranded (min.-max.)	0,14 - 2,5 mm <sup>2</sup>		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm <sup>2</sup>		
AWG Conductor	28-12		
Insulation Stripping Length (min.-max.)	8-10		
Screwdriver	KT1 (0,4x2,5)		
Technical Data For Diode			
Diode Reverse Voltage			
Diode Current			
Diod			
End Plate			
	Type	Cat.No.	Qty.
	NPP/SRD 2,5E	451 159	50
Partition Plate			
	Type	Cat.No.	Qty.
	APP/SRD 2,5E	464 079	50
Test Plug			
	Type	Cat.No.	Qty.
	TF Ø2	493 020	5
Cross Connection			
	Type	Cat.No.	Qty.
	CS 2,5/2	470 102	25
	CS 2,5/3	470 103	20
	CS 2,5/4	470 104	15
	CS 2,5/5	470 105	10
	CS 2,5/10	470 109	5
	CS 2,5/20	470 170	10
Technical Data			
Rated Impulse Voltage / Pollution severity	8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3		
Protection class / Protection conductor type	IP20/NA		
Marking Tags (Dekafix)			
See pages 326-333 for a list of Dekafix	D_NS 5,2x6, SLF-P1 W		
Package Quantity			
	50		


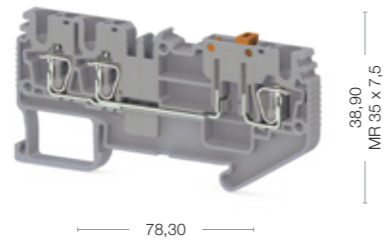
Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	500	24	2,5 mm <sup>2</sup>
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			
Connection Data			
Conductor cross section solid (min.-max.)	0,08 - 4 mm <sup>2</sup>		
Conductor cross section stranded (min.-max.)	0,14 - 2,5 mm <sup>2</sup>		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm <sup>2</sup>		
AWG Conductor	28-12		
Insulation Stripping Length (min.-max.)	8-10		
Screwdriver	KT1 (0,4x2,5)		
Technical Data For Diode			
Diode Reverse Voltage			
Diode Current			
Diod			
End Plate			
	Type	Cat.No.	Qty.
	NPP/SRD 2,5E	451 159	50
Partition Plate			
	Type	Cat.No.	Qty.
	APP/SRD 2,5E	464 079	50
Test Plug			
	Type	Cat.No.	Qty.
	TF Ø2	493 020	5
Cross Connection			
	Type	Cat.No.	Qty.
	CS 2,5/2	470 102	25
	CS 2,5/3	470 103	20
	CS 2,5/4	470 104	15
	CS 2,5/5	470 105	10
	CS 2,5/10	470 109	5
	CS 2,5/20	470 170	10
Technical Data			
Rated Impulse Voltage / Pollution severity	8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3		
Protection class / Protection conductor type	IP20/NA		
Marking Tags (Dekafix)			
See pages 326-333 for a list of Dekafix	D_NS 5,2x6, SLF-P1 W		
Package Quantity			
	50		

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	500	24	2,5 mm <sup>2</sup>
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			
Connection Data			
Conductor cross section solid (min.-max.)	0,08 - 4 mm <sup>2</sup>		
Conductor cross section stranded (min.-max.)	0,14 - 2,5 mm <sup>2</sup>		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm <sup>2</sup>		
AWG Conductor	28-12		
Insulation Stripping Length (min.-max.)	8-10		
Screwdriver	KT1 (0,4x2,5)		
Technical Data For Diode			
Diode Reverse Voltage			
Diode Current			
Diod			
End Plate			
	Type	Cat.No.	Qty.
	NPP/SRD 2,5E	451 159	50
Partition Plate			
	Type	Cat.No.	Qty.
	APP/SRD 2,5E	464 079	50
Test Plug			
	Type	Cat.No.	Qty.
	TF Ø2	493 020	5
Cross Connection			
	Type	Cat.No.	Qty.
	CS 2,5/2	470 102	25
	CS 2,5/3	470 103	20
	CS 2,5/4	470 104	15
	CS 2,5/5	470 105	10
	CS 2,5/10	470 109	5
	CS 2,5/20	470 170	10
Technical Data			
Rated Impulse Voltage / Pollution severity	8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3		
Protection class / Protection conductor type	IP20/NA		
Marking Tags (Dekafix)			
See pages 326-333 for a list of Dekafix	D_NS 5,2x6, SLF-P1 W		
Package Quantity			
	50		

# SRD 2,5 EA

## **new** SRD 2,5 EA

Width: 5,2 mm


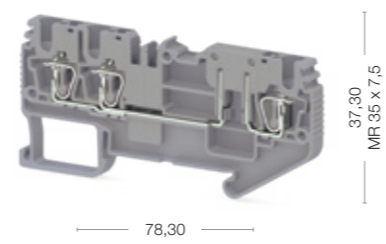



Cat No:

- 311 279
- 311 270

## **new** SRD 2,5 EAK

Width: 5,2 mm

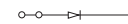
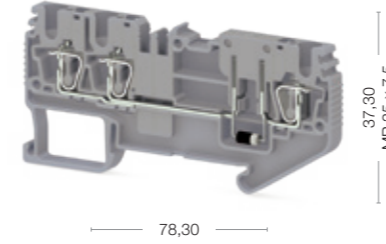



Cat No:

- 311 309
- 311 300

## **new** SRD 2,5 EAD-A

Width: 5,2 mm


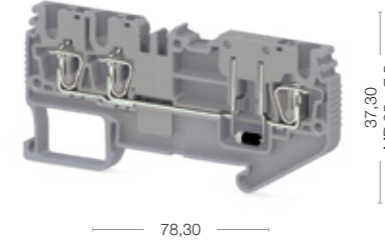



Cat No:

- 311 289
- 311 280

## **new** SRD 2,5 EAD-B

Width: 5,2 mm

Cat No:

- 311 299
- 311 290



Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	500	20	2,5 mm <sup>2</sup>
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			
Connection Data			
Conductor cross section solid (min.-max.)	0,08 - 4 mm <sup>2</sup>		
Conductor cross section stranded (min.-max.)	0,14 - 2,5 mm <sup>2</sup>		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm <sup>2</sup>		
AWG Conductor	28-12		
Insulation Stripping Length (min.-max.)	8-10		
Screwdriver	KT1 (0,4x2,5)		
Technical Data For Diode			
Diode Reverse Voltage			
Diode Current			
Diod			
End Plate	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	NPP/SRD 2,5C	451 189	50
Partition Plate	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	APP/SRD 2,5C	464 119	50
Test Plug	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	TF Ø2	493 020	5
Cross Connection	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	CS 2,5/2	470 102	25
	CS 2,5/3	470 103	20
	CS 2,5/4	470 104	15
	CS 2,5/5	470 105	10
	CS 2,5/10	470 109	5
	CS 2,5/20	470 170	10
Technical Data			
Rated Impulse Voltage / Pollution severity	8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3		
Protection class / Protection conductor type	IP20/NA		
Marking Tags (Dekafix)			
See pages 326-333 for a list of Dekafix	D_NS 5,2x6, SLF-P1 W		
Package Quantity	50		

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	500	24	2,5 mm <sup>2</sup>
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			
Connection Data			
Conductor cross section solid (min.-max.)	0,08 - 4 mm <sup>2</sup>		
Conductor cross section stranded (min.-max.)	0,14 - 2,5 mm <sup>2</sup>		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm <sup>2</sup>		
AWG Conductor	28-12		
Insulation Stripping Length (min.-max.)	8-10		
Screwdriver	KT1 (0,4x2,5)		
Technical Data For Diode			
Diode Reverse Voltage			
Diode Current			
Diod			
End Plate	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	NPP/SRD 2,5C	451 189	50
Partition Plate	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	APP/SRD 2,5C	464 119	50
Test Plug	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	TF Ø2	493 020	5
Cross Connection	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	CS 2,5/2	470 102	25
	CS 2,5/3	470 103	20
	CS 2,5/4	470 104	15
	CS 2,5/5	470 105	10
	CS 2,5/10	470 109	5
	CS 2,5/20	470 170	10
Technical Data			
Rated Impulse Voltage / Pollution severity	8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3		
Protection class / Protection conductor type	IP20/NA		
Marking Tags (Dekafix)			
See pages 326-333 for a list of Dekafix	D_NS 5,2x6, SLF-P1 W		
Package Quantity	50		

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	500	1	2,5 mm <sup>2</sup>
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			
The max. current is determined by the diode. Installed: Diode 1N 4007, reverse voltage: 1300 V, maximum continuous current: 0.5 A.			
Connection Data			
Conductor cross section solid (min.-max.)	0,08 - 4 mm <sup>2</sup>		
Conductor cross section stranded (min.-max.)	0,14 - 2,5 mm <sup>2</sup>		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm <sup>2</sup>		
AWG Conductor	28-12		
Insulation Stripping Length (min.-max.)	8-10		
Screwdriver	KT1 (0,4x2,5)		
Technical Data For Diode			
Diode Reverse Voltage	1000V		
Diode Current	1 A		
Diod	1 N 4007		
End Plate	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	NPP/SRD 2,5C	451 189	50
Partition Plate	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	APP/SRD 2,5C	464 119	50
Test Plug	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	TF Ø2	493 020	5
Cross Connection	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	CS 2,5/2	470 102	25
	CS 2,5/3	470 103	20
	CS 2,5/4	470 104	15
	CS 2,5/5	470 105	10
	CS 2,5/10	470 109	5
	CS 2,5/20	470 170	10
Technical Data			
Rated Impulse Voltage / Pollution severity	8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3		
Protection class / Protection conductor type	IP20/NA		
Marking Tags (Dekafix)			
See pages 326-333 for a list of Dekafix	D_NS 5,2x6, SLF-P1 W		
Package Quantity	50		

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	500	1	2,5 mm <sup>2</sup>
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			
The max. current is determined by the diode. Installed: Diode 1N 4007, reverse voltage: 1300 V, maximum continuous current: 0.5 A.			
Connection Data			
Conductor cross section solid (min.-max.)	0,08 - 4 mm <sup>2</sup>		
Conductor cross section stranded (min.-max.)	0,14 - 2,5 mm <sup>2</sup>		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm <sup>2</sup>		
AWG Conductor	28-12		
Insulation Stripping Length (min.-max.)	8-10		
Screwdriver	KT1 (0,4x2,5)		
Technical Data For Diode			
Diode Reverse Voltage	1000V		
Diode Current	1 A		
Diod	1 N 4007		
End Plate	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	NPP/SRD 2,5C	451 189	50
Partition Plate	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	APP/SRD 2,5C	464 119	50
Test Plug	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	TF Ø2	493 020	5
Cross Connection	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	CS 2,5/2	470 102	25
	CS 2,5/3	470 103	20
	CS 2,5/4	470 104	15
	CS 2,5/5	470 105	10
	CS 2,5/10	470 109	5
	CS 2,5/20	470 170	10
Technical Data			
Rated Impulse Voltage / Pollution severity	8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3		
Protection class / Protection conductor type	IP20/NA		
Marking Tags (Dekafix)			
See pages 326-333 for a list of Dekafix	D_NS 5,2x6, SLF-P1 W		
Package Quantity	50		


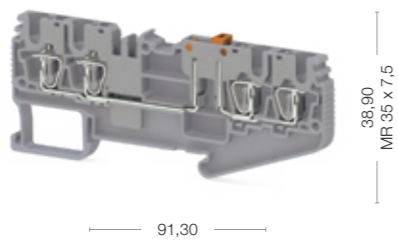
Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	500	1	2,5 mm <sup>2</sup>
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			
The max. current is determined by the diode. Installed: Diode 1N 4007, reverse voltage: 1300 V, maximum continuous current: 0.5 A.			
Connection Data			
Conductor cross section solid (min.-max.)	0,08 - 4 mm <sup>2</sup>		
Conductor cross section stranded (min.-max.)	0,14 - 2,5 mm <sup>2</sup>		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm <sup>2</sup>		
AWG Conductor	28-12		
Insulation Stripping Length (min.-max.)	8-10		
Screwdriver	KT1 (0,4x2,5)		
Technical Data For Diode			
Diode Reverse Voltage	1000V		
Diode Current	1 A		
Diod	1 N 4007		
End Plate	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	NPP/SRD 2,5C	451 189	50
Partition Plate	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	APP/SRD 2,5C	464 119	50
Test Plug	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	TF Ø2	493 020	5
Cross Connection	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	CS 2,5/2	470 102	25
	CS 2,5/3	470 103	20
	CS 2,5/4	470 104	15
	CS 2,5/5	470 105	10
	CS 2,5/10	470 109	5
	CS 2,5/20	470 170	10
Technical Data			
Rated Impulse Voltage / Pollution severity	8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3		
Protection class / Protection conductor type	IP20/NA		
Marking Tags (Dekafix)			
See pages 326-333 for a list of Dekafix	D_NS 5,2x6, SLF-P1 W		
Package Quantity	50		

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	500	1	2,5 mm <sup>2</sup>
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			
The max. current is determined by the diode. Installed: Diode 1N 4007, reverse voltage: 1300 V, maximum continuous current: 0.5 A.			
Connection Data			
Conductor cross section solid (min.-max.)	0,08 - 4 mm <sup>2</sup>		
Conductor cross section stranded (min.-max.)	0,14 - 2,5 mm <sup>2</sup>		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm <sup>2</sup>		
AWG Conductor	28-12		
Insulation Stripping Length (min.-max.)	8-10		
Screwdriver	KT1 (0,4x2,5)		
Technical Data For Diode			
Diode Reverse Voltage	1000V		
Diode Current	1 A		
Diod	1 N 4007		
End Plate	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	NPP/SRD 2,5C	451 189	50
Partition Plate	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	APP/SRD 2,5C	464 119	50
Test Plug	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	TF Ø2	493 020	5
Cross Connection	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	CS 2,5/2	470 102	25
	CS 2,5/3	470 103	20
	CS 2,5/4	470 104	15
	CS 2,5/5	470 105	10
	CS 2,5/10	470 109	5
	CS 2,5/20	470 170	10
Technical Data			
Rated Impulse Voltage / Pollution severity	8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3		
Protection class / Protection conductor type	IP20/NA		
Marking Tags (Dekafix)			
See pages 326-333 for a list of Dekafix	D_NS 5,2x6, SLF-P1 W		
Package Quantity	50		

# SRD 2,5 CA

## **new** SRD 2,5 CA

Width: 5,2 mm


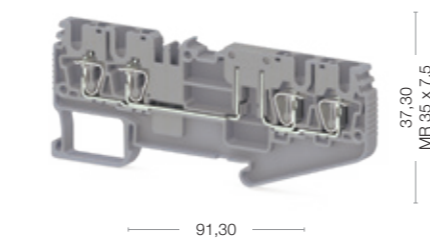



Cat No:

- 311 319
- 311 310

## **new** SRD 2,5 CAK

Width: 5,2 mm

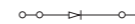
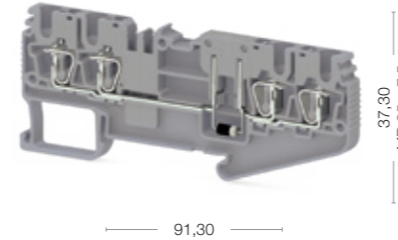



Cat No:

- 311 349
- 311 340

## **new** SRD 2,5 CAD-A

Width: 5,2 mm


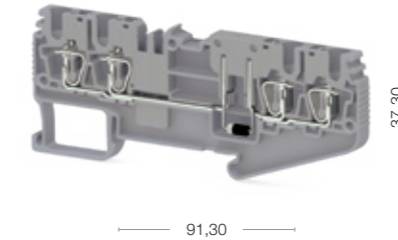



Cat No:

- 311 329
- 311 320

## **new** SRD 2,5 CAD-B

Width: 5,2 mm

Cat No:

- 311 339
- 311 330



Electrical Ratings
IEC (EN 60947-7-1/EN 60947-7-2)
UL
VDE (IEC 60947-7-1)
CSA
ATEX


Connection Data	
Conductor cross section solid (min.-max.)	0,08 - 4 mm <sup>2</sup>
Conductor cross section stranded (min.-max.)	0,14 - 2,5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm <sup>2</sup>
AWG Conductor	28-12
Insulation Stripping Length (min.-max.)	8-10
Screwdriver	KT1 (0,4x2,5)

Technical Data For Diode	
Diode Reverse Voltage	1000V
Diode Current	1 A
Diod	1 N 4007

End Plate	Type	Cat.No.	Qty.
	NPP/SRD 2,5CA	451 169	50

Partition Plate	Type	Cat.No.	Qty.
	APP/SRD 2,5CA	464 089	50

Test Plug	Type	Cat.No.	Qty.
	TF Ø2	493 020	5

Cross Connection	Type	Cat.No.	Qty.
	CS 2,5/2	470 102	25
	CS 2,5/3	470 103	20
	CS 2,5/4	470 104	15
	CS 2,5/5	470 105	10
	CS 2,5/10	470 109	5
	CS 2,5/20	470 170	10

Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3
Protection class / Protection conductor type	IP20/NA
Marking Tags (Dekafix)	D_NS 5,2x6, SLF-P1 W
See pages 326-333 for a list of Dekafix	

Package Quantity
50

Voltage, V ~	Current, A	Cross-Section
500	20	2,5 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
500	24	2,5 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
500	1	2,5 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
500	1	2,5 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
500	24	2,5 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
500	1	2,5 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
500	1	2,5 mm <sup>2</sup>

Type	Cat.No.	Qty.
NPP/SRD 2,5CA	451 169	50

Type	Cat.No.	Qty.
APP/SRD 2,5CA	464 089	50

Type	Cat.No.	Qty.
TF Ø2	493 020	5

Type	Cat.No.	Qty.
CS 2,5/2	470 102	25
CS 2,5/3	470 103	20
CS 2,5/4	470 104	15
CS 2,5/5	470 105	10
CS 2,5/10	470 109	5
CS 2,5/20	470 170	10

Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type
8/3	1/A3	IP20/NA
Marking Tags (Dekafix)		
D_NS 5,2x6, SLF-P1 W		

Package Quantity
50

Voltage, V ~	Current, A	Cross-Section
500	1	2,5 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
500	1	2,5 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
500	1	2,5 mm <sup>2</sup>

Type	Cat.No.	Qty.
NPP/SRD 2,5CA	451 169	50

Type	Cat.No.	Qty.
APP/SRD 2,5CA	464 089	50

Type	Cat.No.	Qty.
TF Ø2	493 020	5

Type	Cat.No.	Qty.
CS 2,5/2	470 102	25
CS 2,5/3	470 103	20
CS 2,5/4	470 104	15
CS 2,5/5	470 105	10
CS 2,5/10	470 109	5
CS 2,5/20	470 170	10

Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type
8/3	1/A3	IP20/NA
Marking Tags (Dekafix)		
D_NS 5,2x6, SLF-P1 W		

Package Quantity
50

Voltage, V ~	Current, A	Cross-Section
500	1	2,5 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
500	1	2,5 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
500	1	2,5 mm <sup>2</sup>

Type	Cat.No.	Qty.
NPP/SRD 2,5CA	451 169	50

Type	Cat.No.	Qty.
APP/SRD 2,5CA	464 089	50

Type	Cat.No.	Qty.
TF Ø2	493 020	5

Type	Cat.No.	Qty.
CS 2,5/2	470 102	25
CS 2,5/3	470 103	20
CS 2,5/4	470 104	15
CS 2,5/5	470 105	10
CS 2,5/10	470 109	5
CS 2,5/20	470 170	10

Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type
8/3	1/A3	IP20/NA
Marking Tags (Dekafix)		
D_NS 5,2x6, SLF-P1 W		

Package Quantity
50

Voltage, V ~	Current, A	Cross-Section
500	1	2,5 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
500	1	2,5 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
500	1	2,5 mm <sup>2</sup>

Type	Cat.No.	Qty.
NPP/SRD 2,5CA	451 169	50

Type	Cat.No.	Qty.
APP/SRD 2,5CA	464 089	50

Type	Cat.No.	Qty.
TF Ø2	493 020	5

Type	Cat.No.	Qty.
CS 2,5/2	470 102	25
CS 2,5/3	470 103	20
CS 2,5/4	470 104	15
CS 2,5/5	470 105	10
CS 2,5/10	470 109	5
CS 2,5/20	470 170	10

Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type
8/3	1/A3	IP20/NA
Marking Tags (Dekafix)		
D_NS 5,2x6, SLF-P1 W		

Package Quantity
50





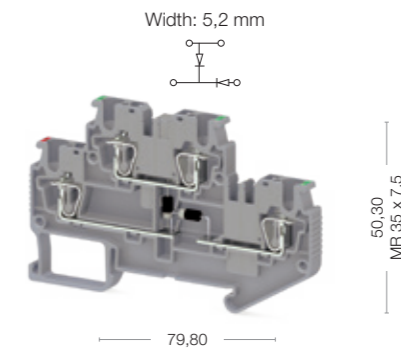
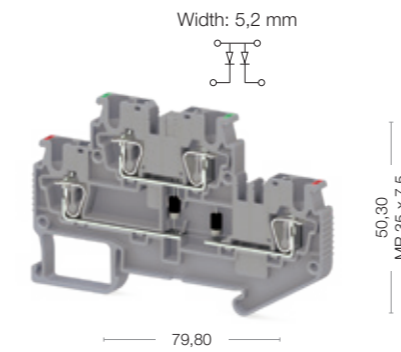
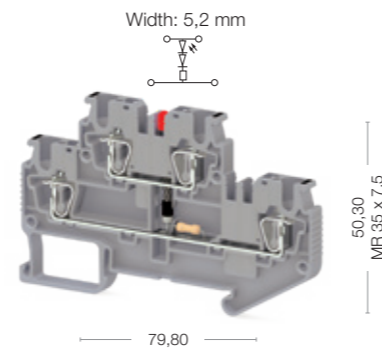
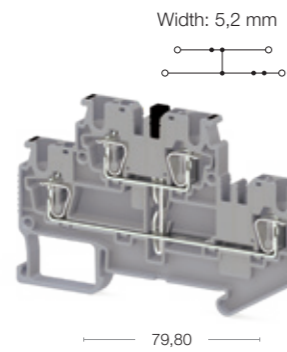
# SRD 2,5-2F

## **new** SRD 2,5-2FK

## **new** SRD 2,5-2FLD-24VAC

## **new** SRD 2,5-F2D-A

## **new** SRD 2,5-F2D-B



Cat No:

- 311 519
- 311 510

Cat No:

- 311 409
- 311 400

Cat No:

- 311 479
- 311 470

Cat No:

- 311 489
- 311 480



Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	500	24	2,5 mm <sup>2</sup>
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Connection Data	Conductor cross section solid (min.-max.)	Conductor cross section stranded (min.-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	AWG Conductor	Insulation Stripping Length (min.-max.)	Screwdriver
	0,08 - 4 mm <sup>2</sup>	0,14 - 2,5 mm <sup>2</sup>	0,5 mm <sup>2</sup>	28-12	8-10	KT1 (0,4x2,5)

Technical Data For Diode	Diode Reverse Voltage	Diode Current	Diode

End Plate	Type	Cat.No.	Qty.
	NPP/SRD 2,5_2F	451 079	50

Partition Plate	Type	Cat.No.	Qty.
	APP/SRD 2,5_2F	464 069	50

Test Plug	Type	Cat.No.	Qty.
	TF Ø2	493 020	5

Cross Connection	Type	Cat.No.	Qty.
	CS 2,5/2	470 102	25
	CS 2,5/3	470 103	20
	CS 2,5/4	470 104	15
	CS 2,5/5	470 105	10
	CS 2,5/10	470 109	5
	CS 2,5/20	470 170	10

Technical Data	Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type	Marking Tags (Dekafix)
	8/3	1/A3	IP20/NA	D_NS 5,2x6, SLF-P2 W

Package Quantity	Qty.
	50

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
	24	24	2,5 mm <sup>2</sup>

Connection Data	Conductor cross section solid (min.-max.)	Conductor cross section stranded (min.-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	AWG Conductor	Insulation Stripping Length (min.-max.)	Screwdriver
	0,08 - 4 mm <sup>2</sup>	0,14 - 2,5 mm <sup>2</sup>	0,5 mm <sup>2</sup>	28-12	8-10	KT1 (0,4x2,5)

Technical Data For Diode	Diode Reverse Voltage	Diode Current	Diode

End Plate	Type	Cat.No.	Qty.
	NPP/SRD 2,5_2F	451 079	50

Partition Plate	Type	Cat.No.	Qty.
	APP/SRD 2,5_2F	464 069	50

Test Plug	Type	Cat.No.	Qty.
	TF Ø2	493 020	5

Cross Connection	Type	Cat.No.	Qty.
	CS 2,5/2	470 102	25
	CS 2,5/3	470 103	20
	CS 2,5/4	470 104	15
	CS 2,5/5	470 105	10
	CS 2,5/10	470 109	5
	CS 2,5/20	470 170	10

Technical Data	Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type	Marking Tags (Dekafix)
	8/3	1/A3	IP20/NA	D_NS 5,2x6, SLF-P2 W

Package Quantity	Qty.
	50

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
	500	1	2,5 mm <sup>2</sup>

The max. current is determined by the diode. Installed: Diode 1N 4007, reverse voltage: 1300 V, maximum continuous current: 0.5 A.

Connection Data	Conductor cross section solid (min.-max.)	Conductor cross section stranded (min.-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	AWG Conductor	Insulation Stripping Length (min.-max.)	Screwdriver
	0,08 - 4 mm <sup>2</sup>	0,14 - 2,5 mm <sup>2</sup>	0,5 mm <sup>2</sup>	28-12	8-10	KT1 (0,4x2,5)

Technical Data For Diode	Diode Reverse Voltage	Diode Current	Diode
	1000V	1 A	1 N 4007

End Plate	Type	Cat.No.	Qty.
	NPP/SRD 2,5_2F	451 079	50

Partition Plate	Type	Cat.No.	Qty.
	APP/SRD 2,5_2F	464 069	50

Test Plug	Type	Cat.No.	Qty.
	TF Ø2	493 020	5

Cross Connection	Type	Cat.No.	Qty.
	CS 2,5/2	470 102	25
	CS 2,5/3	470 103	20
	CS 2,5/4	470 104	15
	CS 2,5/5	470 105	10
	CS 2,5/10	470 109	5
	CS 2,5/20	470 170	10

Technical Data	Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type	Marking Tags (Dekafix)
	8/3	1/A3	IP20/NA	D_NS 5,2x6, SLF-P2 W

Package Quantity	Qty.
	50

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
	500	1	2,5 mm <sup>2</sup>

The max. current is determined by the diode. Installed: Diode 1N 4007, reverse voltage: 1300 V, maximum continuous current: 0.5 A.

Connection Data	Conductor cross section solid (min.-max.)	Conductor cross section stranded (min.-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	AWG Conductor	Insulation Stripping Length (min.-max.)	Screwdriver
	0,08 - 4 mm <sup>2</sup>	0,14 - 2,5 mm <sup>2</sup>	0,5 mm <sup>2</sup>	28-12	8-10	KT1 (0,4x2,5)

Technical Data For Diode	Diode Reverse Voltage	Diode Current	Diode
	1000V	1 A	1 N 4007

End Plate	Type	Cat.No.	Qty.
	NPP/SRD 2,5_2F	451 079	50

Partition Plate	Type	Cat.No.	Qty.
	APP/SRD 2,5_2F	464 069	50

Test Plug	Type	Cat.No.	Qty.
	TF Ø2	493 020	5

Cross Connection	Type	Cat.No.	Qty.
	CS 2,5/2	470 102	25
	CS 2,5/3	470 103	20
	CS 2,5/4	470 104	15
	CS 2,5/5	470 105	10
	CS 2,5/10	470 109	5
	CS 2,5/20	470 170	10

Technical Data	Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type	Marking Tags (Dekafix)
	8/3	1/A3	IP20/NA	D_NS 5,2x6, SLF-P2 W

Package Quantity	Qty.
	50

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
	500	1	2,5 mm <sup>2</sup>

The max. current is determined by the diode. Installed: Diode 1N 4007, reverse voltage: 1300 V, maximum continuous current: 0.5 A.

Connection Data	Conductor cross section solid (min.-max.)	Conductor cross section stranded (min.-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	AWG Conductor	Insulation Stripping Length (min.-max.)	Screwdriver
	0,08 - 4 mm <sup>2</sup>	0,14 - 2,5 mm <sup>2</sup>	0,5 mm <sup>2</sup>	28-12	8-10	KT1 (0,4x2,5)

Technical Data For Diode	Diode Reverse Voltage	Diode Current	Diode
	1000V	1 A	1 N 4007

End Plate	Type	Cat.No.	Qty.
	NPP/SRD 2,5_2F	451 079	50

Partition Plate	Type	Cat.No.	Qty.
	APP/SRD 2,5_2F	464 069	50

Test Plug	Type	Cat.No.	Qty.
	TF Ø2	493 020	5

Cross Connection	Type	Cat.No.	Qty.
	CS 2,5/2	470 102	25
	CS 2,5/3	470 103	20
	CS 2,5/4	470 104	15
	CS 2,5/5	470 105	10
	CS 2,5/10	470 109	5
	CS 2,5/20	470 170	10

Technical Data	Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type	Marking Tags (Dekafix)
	8/3	1/A3	IP20/NA	D_NS 5,2x6, SLF-P2 W

Package Quantity	Qty.
	50

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
	500	1	2,5 mm <sup>2</sup>

The max. current is determined by the diode. Installed: Diode 1N 4007, reverse voltage: 1300 V, maximum continuous current: 0.5 A.

Connection Data	Conductor cross section solid (min.-max.)	Conductor cross section stranded (min.-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	AWG Conductor	Insulation Stripping Length (min.-max.)	Screwdriver
	0,08 - 4 mm <sup>2</sup>	0,14 - 2,5 mm <sup>2</sup>	0,5 mm <sup>2</sup>	28-12	8-10	KT1 (0,4x2,5)

Technical Data For Diode	Diode Reverse Voltage	Diode Current	Diode
	1000V	1 A	1 N 4007

End Plate	Type	Cat.No.	Qty.
	NPP/SRD 2,5_2F	451 079	50

Partition Plate	Type	Cat.No.	Qty.
	APP/SRD 2,5_2F	464 069	50

Test Plug	Type	Cat.No.	Qty.
	TF Ø2	493 020	5

Cross Connection	Type	Cat.No.	Qty.
	CS 2,5/2	470 102	25
	CS 2,5/3	470 103	20
	CS 2,5/4	470 104	15
	CS 2,5/5	470 105	10
	CS 2,5/10	470 109	5
	CS 2,5/20	470 170	10

Technical Data	Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type	Marking Tags (Dekafix)
	8/3	1/A3	IP20/NA	D_NS 5,2x6, SLF-P2 W

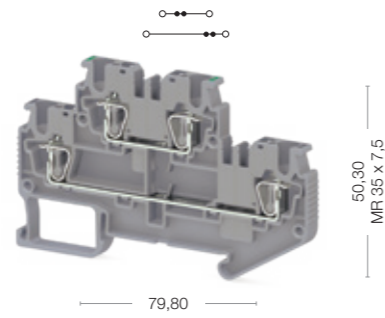
Package Quantity	Qty.
	50

SRD 2,5-2FLD-..... Ordering Data		
24VDC	Gray	311 399
	Beige	311 390
48VAC	Gray	311 429
	Beige	311 420
48VDC	Gray	311 419
	Beige	311 410
110VAC	Gray	311 449
	Beige	311 440
110VDC	Gray	311 439
	Beige	311 430
220VAC	Gray	311 469
	Beige	311 460
220VDC	Gray	311 459
	Beige	311 450

# SRD 2,5-2F SRD 2,5-FT

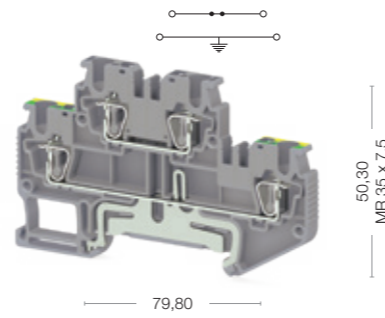
## new SRD 2,5-FN

Width: 5,2 mm



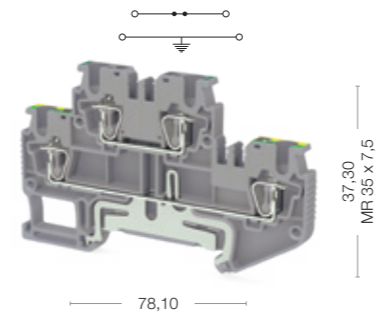
## new SRD 2,5-FT

Width: 5,2 mm



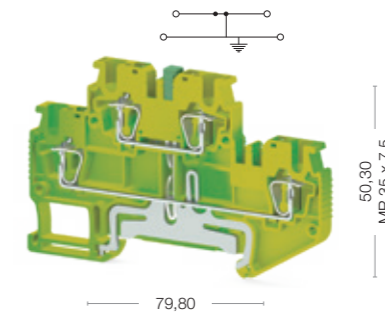
## new SRD 2,5-NT

Width: 5,2 mm



## new SRD 2,5-2T

Width: 5,2 mm



Electrical Ratings			
IEC (EN 60947-7-1/EN 60947-7-2)	500	24	2,5 mm <sup>2</sup>
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			
Connection Data			
Conductor cross section solid (min.-max.)	0,08 - 4 mm <sup>2</sup>		
Conductor cross section stranded (min.-max.)	0,14 - 2,5 mm <sup>2</sup>		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm <sup>2</sup>		
AWG Conductor	28-12		
Insulation Stripping Length (min.-max.)	8-10		
Screwdriver	KT1 (0,4x2,5)		
Technical Data For Diode			
Diode Reverse Voltage			
Diode Current			
Diod			
End Plate			
	Type	Cat.No.	Qty.
	NPP/SRD 2,5_2F	451 079	50
Partition Plate			
	Type	Cat.No.	Qty.
	APP/SRD 2,5_2F	464 069	50
Test Plug			
	Type	Cat.No.	Qty.
	TF Ø2	493 020	5
Cross Connection			
	Type	Cat.No.	Qty.
	CS 2,5/2	470 102	25
	CS 2,5/3	470 103	20
	CS 2,5/4	470 104	15
	CS 2,5/5	470 105	10
	CS 2,5/10	470 109	5
	CS 2,5/20	470 170	10
Technical Data			
Rated Impulse Voltage / Pollution severity	8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3		
Protection class / Protection conductor type	IP20/NA		
Marking Tags (Dekafix)			
See pages 326-333 for a list of Dekafix	D_NS 5,2x6, SLF-P2 W		
Package Quantity			
	50		

Cat No:

- 311 509
- 311 500

Cat No:

- 311 529
- 311 520

Cat No:

- 311 539
- 311 530

Cat No:

- 337 150

Electrical Ratings			
500	24	2,5 mm <sup>2</sup>	
Connection Data			
0,08 - 4 mm <sup>2</sup>			
0,14 - 2,5 mm <sup>2</sup>			
0,5 mm <sup>2</sup>			
28-12			
8-10			
KT1 (0,4x2,5)			
End Plate			
	Type	Cat.No.	Qty.
	NPP/SRD 2,5_2F	451 079	50
Partition Plate			
	Type	Cat.No.	Qty.
	APP/SRD 2,5_2F	464 069	50
Test Plug			
	Type	Cat.No.	Qty.
	TF Ø2	493 020	5
Cross Connection			
	Type	Cat.No.	Qty.
	CS 2,5/2	470 102	25
	CS 2,5/3	470 103	20
	CS 2,5/4	470 104	15
	CS 2,5/5	470 105	10
	CS 2,5/10	470 109	5
	CS 2,5/20	470 170	10
Technical Data			
8/3			
1/A3			
IP20/NA			
Marking Tags (Dekafix)			
D_NS 5,2x6, SLF-P2 W			
Package Quantity			
50			

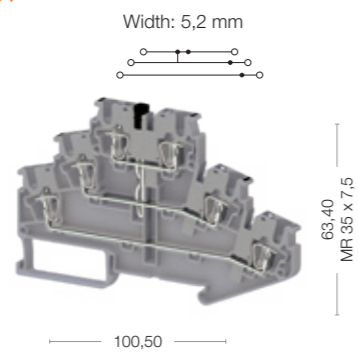
Electrical Ratings			
500	24	2,5 mm <sup>2</sup>	
Connection Data			
0,08 - 4 mm <sup>2</sup>			
0,14 - 2,5 mm <sup>2</sup>			
0,5 mm <sup>2</sup>			
28-12			
8-10			
KT1 (0,4x2,5)			
End Plate			
	Type	Cat.No.	Qty.
	NPP/SRD 2,5_2F	451 079	50
Partition Plate			
	Type	Cat.No.	Qty.
	APP/SRD 2,5_2F	464 069	50
Test Plug			
	Type	Cat.No.	Qty.
	TF Ø2	493 020	5
Cross Connection			
	Type	Cat.No.	Qty.
	CS 2,5/2	470 102	25
	CS 2,5/3	470 103	20
	CS 2,5/4	470 104	15
	CS 2,5/5	470 105	10
	CS 2,5/10	470 109	5
	CS 2,5/20	470 170	10
Technical Data			
8/3			
1/A3			
IP20/PE			
Marking Tags (Dekafix)			
D_NS 5,2x6, SLF-P2 W			
Package Quantity			
50			

Electrical Ratings			
500	24	2,5 mm <sup>2</sup>	
Connection Data			
0,08 - 4 mm <sup>2</sup>			
0,14 - 2,5 mm <sup>2</sup>			
0,5 mm <sup>2</sup>			
28-12			
8-10			
KT1 (0,4x2,5)			
End Plate			
	Type	Cat.No.	Qty.
	NPP/SRD 2,5F	451 079	50
Partition Plate			
	Type	Cat.No.	Qty.
	APP/SRD 2,5F	464 069	50
Test Plug			
	Type	Cat.No.	Qty.
	TF Ø2	493 020	5
Cross Connection			
	Type	Cat.No.	Qty.
	CS 2,5/2	470 102	25
	CS 2,5/3	470 103	20
	CS 2,5/4	470 104	15
	CS 2,5/5	470 105	10
	CS 2,5/10	470 109	5
	CS 2,5/20	470 170	10
Technical Data			
8/3			
1/A3			
IP20/PE			
Marking Tags (Dekafix)			
D_NS 5,2x6, SLF-P2 W			
Package Quantity			
50			

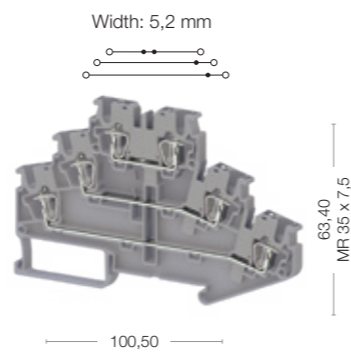
Electrical Ratings			
500	24	2,5 mm <sup>2</sup>	
Connection Data			
0,08 - 4 mm <sup>2</sup>			
0,14 - 2,5 mm <sup>2</sup>			
0,5 mm <sup>2</sup>			
28-12			
8-10			
KT1 (0,4x2,5)			
End Plate			
	Type	Cat.No.	Qty.
	NPP/SRD 2,5	451 072T	50
Partition Plate			
	Type	Cat.No.	Qty.
	APP/SRD 2,5	464 029	50
Test Plug			
	Type	Cat.No.	Qty.
	TF Ø2	493 020	5
Cross Connection			
	Type	Cat.No.	Qty.
	CS 2,5/2	470 102	25
	CS 2,5/3	470 103	20
	CS 2,5/4	470 104	15
	CS 2,5/5	470 105	10
	CS 2,5/10	470 109	5
	CS 2,5/20	470 170	10
Technical Data			
8/3			
1/A3			
IP20/PE			
Marking Tags (Dekafix)			
D_NS 5,2x6, SLF-P2 W			
Package Quantity			
50			

# SRD 2,5-3F

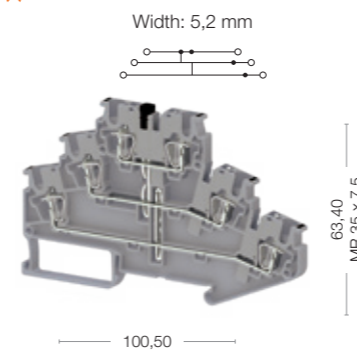
## **new** SRD 2,5-2KF



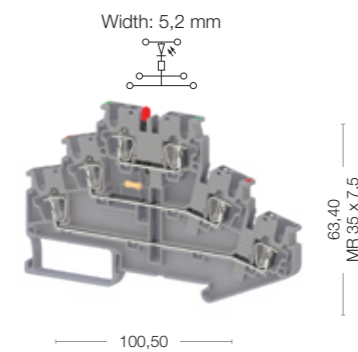
## **new** SRD 2,5-3F



## **new** SRD 2,5-3FK



## **new** SRD 2,5-3FLD-24VDC



Cat No:

- 311 569
- 311 560

Cat No:

- 311 549
- 311 540

Cat No:

- 311 559
- 311 550

Cat No:

- 311 579
- 311 570



Electrical Ratings
IEC (EN 60947-7-1/EN 60947-7-2)
UL
VDE (IEC 60947-7-1)
CSA
ATEX

Connection Data	
Conductor cross section solid (min.-max.)	0,08 - 4 mm <sup>2</sup>
Conductor cross section stranded (min.-max.)	0,14 - 2,5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm <sup>2</sup>
AWG Conductor	28-12
Insulation Stripping Length (min.-max.)	8-10
Screwdriver	KT1 (0,4x2,5)

Technical Data For Diode
Diode Reverse Voltage
Diode Current
Diod

End Plate	Type	Cat.No.	Qty.
	NPP/SRD 2,5_3F	451 109	50

Partition Plate	Type	Cat.No.	Qty.
			

Test Plug	Type	Cat.No.	Qty.
	TF Ø2	493 020	5

Cross Connection	Type	Cat.No.	Qty.
	CS 2,5/2	470 102	25
	CS 2,5/3	470 103	20
	CS 2,5/4	470 104	15
	CS 2,5/5	470 105	10
	CS 2,5/10	470 109	5
	CS 2,5/20	470 170	10

Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3
Protection class / Protection conductor type	IP20/NA
<b>Marking Tags (Dekafix)</b>	
See pages 326-333 for a list of Dekafix	D_NS 5,2x6, SLF-P2 W

Package Quantity
50

Voltage, V ~	Current, A	Cross-Section
500	24	2,5 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
500	24	2,5 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
500	24	2,5 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
500	24	2,5 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
500	24	2,5 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
500	24	2,5 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
500	24	2,5 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
500	24	2,5 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
500	24	2,5 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
500	24	2,5 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
500	24	2,5 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
500	24	2,5 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
500	24	2,5 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
500	24	2,5 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
500	24	2,5 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
500	24	2,5 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
500	24	2,5 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
500	24	2,5 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
500	24	2,5 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
500	24	2,5 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
500	24	2,5 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
500	24	2,5 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
500	24	2,5 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
500	24	2,5 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
500	24	2,5 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
500	24	2,5 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
500	24	2,5 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
500	24	2,5 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
500	24	2,5 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
500	24	2,5 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
500	24	2,5 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
500	24	2,5 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
500	24	2,5 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
500	24	2,5 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
500	24	2,5 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
500	24	2,5 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
24	24	2,5 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
24	24	2,5 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
24	24	2,5 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
24	24	2,5 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
24	24	2,5 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
24	24	2,5 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
24	24	2,5 mm <sup>2</sup>

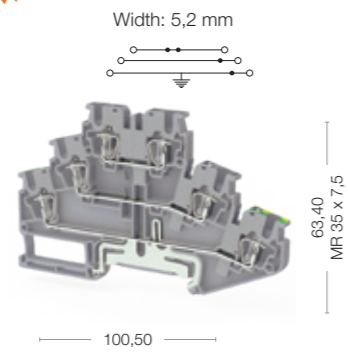
Voltage, V ~	Current, A	Cross-Section
24	24	2,5 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
24	24	2,5 mm <sup>2</sup>

SRD 2,5 CLD-..... Ordering Data		
48VDC	Gray	311 589
	Beige	311 580
110VDC	Gray	311 599
	Beige	311 590
200VDC	Gray	311 609
	Beige	311 600

# SRD 2,5-2FT

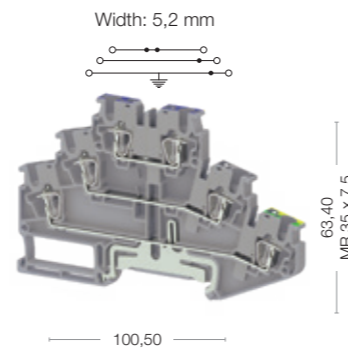
## **new** SRD 2,5-2FT



Cat No:

- 311 619
- 311 610

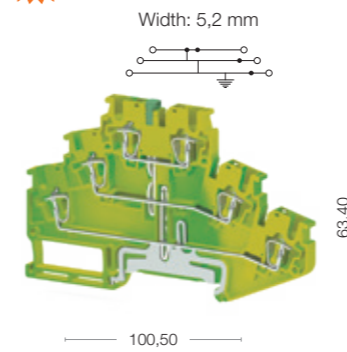
## **new** SRD 2,5-NFT



Cat No:

- 311 669
- 311 660

## **new** SRD 2,5-3T



Cat No:

- 337 160



Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	500	24	2,5 mm <sup>2</sup>
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Connection Data	Conductor cross section solid (min.-max.)	Conductor cross section stranded (min.-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	AWG Conductor	Insulation Stripping Length (min.-max.)	Screwdriver
	0,08 - 4 mm <sup>2</sup>	0,14 - 2,5 mm <sup>2</sup>		28-12	8-10	KT1 (0,4x2,5)


  

Technical Data For Diode	Diode Reverse Voltage	Diode Current	Diode


  

End Plate	Type	Cat.No.	Qty.
	NPP/SRD 2,5_3F	451 109	50

Partition Plate	Type	Cat.No.	Qty.
			

Test Plug	Type	Cat.No.	Qty.
	TF Ø2	493 020	5

Cross Connection	Type	Cat.No.	Qty.
	CS 2,5/2	470 102	25
	CS 2,5/3	470 103	20
	CS 2,5/4	470 104	15
	CS 2,5/5	470 105	10
	CS 2,5/10	470 109	5
	CS 2,5/20	470 170	10

Technical Data	Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type
	8/3	1/A3	IP20/PE

Marking Tags (Dekafix)	See pages 326-333 for a list of Dekafix
	D_NS 5,2x6, SLF-P2 W

Package Quantity	Quantity
	50

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	500	24	2,5 mm <sup>2</sup>
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Connection Data	Conductor cross section solid (min.-max.)	Conductor cross section stranded (min.-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	AWG Conductor	Insulation Stripping Length (min.-max.)	Screwdriver
	0,08 - 4 mm <sup>2</sup>	0,14 - 2,5 mm <sup>2</sup>		28-12	8-10	KT1 (0,4x2,5)

Technical Data For Diode	Diode Reverse Voltage	Diode Current	Diode

End Plate	Type	Cat.No.	Qty.
	NPP/SRD 2,5_3F	451 109	50

Partition Plate	Type	Cat.No.	Qty.

Test Plug	Type	Cat.No.	Qty.
	TF Ø2	493 020	5

Cross Connection	Type	Cat.No.	Qty.
	CS 2,5/2	470 102	25
	CS 2,5/3	470 103	20
	CS 2,5/4	470 104	15
	CS 2,5/5	470 105	10
	CS 2,5/10	470 109	5
	CS 2,5/20	470 170	10

Technical Data	Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type
	8/3	1/A3	IP20/PE

Marking Tags (Dekafix)	See pages 326-333 for a list of Dekafix
	D_NS 5,2x6, SLF-P2 W

Package Quantity	Quantity
	50

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	500	24	2,5 mm <sup>2</sup>
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Connection Data	Conductor cross section solid (min.-max.)	Conductor cross section stranded (min.-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	AWG Conductor	Insulation Stripping Length (min.-max.)	Screwdriver
	0,08 - 4 mm <sup>2</sup>	0,14 - 2,5 mm <sup>2</sup>		28-12	8-10	KT1 (0,4x2,5)

Technical Data For Diode	Diode Reverse Voltage	Diode Current	Diode

End Plate	Type	Cat.No.	Qty.
	NPP/SRD 2,5_3F	451 109	50

Partition Plate	Type	Cat.No.	Qty.

Test Plug	Type	Cat.No.	Qty.
	TF Ø2	493 020	5

Cross Connection	Type	Cat.No.	Qty.
	CS 2,5/2	470 102	25
	CS 2,5/3	470 103	20
	CS 2,5/4	470 104	15
	CS 2,5/5	470 105	10
	CS 2,5/10	470 109	5
	CS 2,5/20	470 170	10

Technical Data	Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type
	8/3	1/A3	IP20/PE

Marking Tags (Dekafix)	See pages 326-333 for a list of Dekafix
	D_NS 5,2x6, SLF-P2 W

Package Quantity	Quantity
	50

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	500	24	2,5 mm <sup>2</sup>
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Connection Data	Conductor cross section solid (min.-max.)	Conductor cross section stranded (min.-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	AWG Conductor	Insulation Stripping Length (min.-max.)	Screwdriver
	0,08 - 4 mm <sup>2</sup>	0,14 - 2,5 mm <sup>2</sup>		28-12	8-10	KT1 (0,4x2,5)

Technical Data For Diode	Diode Reverse Voltage	Diode Current	Diode

End Plate	Type	Cat.No.	Qty.
	NPP/SRD 2,5_3F	451 102T	50

Partition Plate	Type	Cat.No.	Qty.

Test Plug	Type	Cat.No.	Qty.
	TF Ø2	493 020	5

Cross Connection	Type	Cat.No.	Qty.
	CS 2,5/2	470 102	25
	CS 2,5/3	470 103	20
	CS 2,5/4	470 104	15
	CS 2,5/5	470 105	10
	CS 2,5/10	470 109	5
	CS 2,5/20	470 170	10

Technical Data	Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type
	8/3	1/A3	IP20/PE

Marking Tags (Dekafix)	See pages 326-333 for a list of Dekafix
	D_NS 5,2x6, SLF-P2 W

Package Quantity	Quantity
	50

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	500	24	2,5 mm <sup>2</sup>
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Connection Data	Conductor cross section solid (min.-max.)	Conductor cross section stranded (min.-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	AWG Conductor	Insulation Stripping Length (min.-max.)	Screwdriver
	0,08 - 4 mm <sup>2</sup>	0,14 - 2,5 mm <sup>2</sup>		28-12	8-10	KT1 (0,4x2,5)

Technical Data For Diode	Diode Reverse Voltage	Diode Current	Diode

End Plate	Type	Cat.No.	Qty.
	NPP/SRD 2,5_3F	451 102T	50

Partition Plate	Type	Cat.No.	Qty.

Test Plug	Type	Cat.No.	Qty.
	TF Ø2	493 020	5

Cross Connection	Type	Cat.No.	Qty.
	CS 2,5/2	470 102	25
	CS 2,5/3	470 103	20
	CS 2,5/4	470 104	15
	CS 2,5/5	470 105	10
	CS 2,5/10	470 109	5
	CS 2,5/20	470 170	10

Technical Data	Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type
	8/3	1/A3	IP20/PE

Marking Tags (Dekafix)	See pages 326-333 for a list of Dekafix
	D_NS 5,2x6, SLF-P2 W

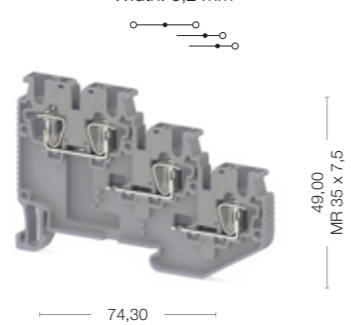
  

Package Quantity	Quantity
	50

# SRD 3 S

## new SRD 2,5-3S

Width: 5,2 mm

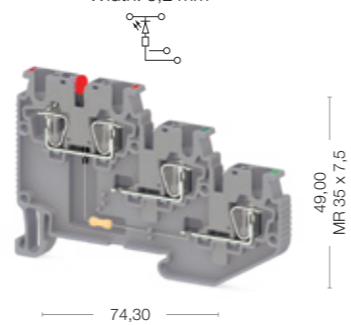


Cat No:

- 311 629
- 311 620

## new SRD 2,5-3SLD-NPN

Width: 5,2 mm

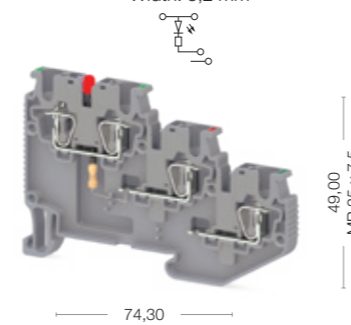


Cat No:

- 311 639
- 311 630

## new SRD 2,5-3SLD-PNP

Width: 5,2 mm

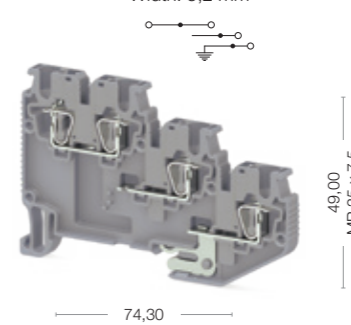


Cat No:

- 311 649
- 311 640

## new SRD 2,5-2ST

Width: 5,2 mm



Cat No:

- 311 659
- 311 650



Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	250	24	2,5 mm <sup>2</sup>
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			
Connection Data			
Conductor cross section solid (min.-max.)	0,08 - 4 mm <sup>2</sup>		
Conductor cross section stranded (min.-max.)	0,14 - 2,5 mm <sup>2</sup>		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm <sup>2</sup>		
AWG Conductor	28-12		
Insulation Stripping Length (min.-max.)	8-10		
Screwdriver	KT1 (0,4x2,5)		
Technical Data For Diode			
Diode Reverse Voltage			
Diode Current			
Diode			
End Plate	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	NPP/SRD 2,5-3S	451 179	50
Partition Plate	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
Test Plug	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	TF Ø2	493 020	5
Cross Connection	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	CS 2,5/2	470 102	25
	CS 2,5/3	470 103	20
	CS 2,5/4	470 104	15
	CS 2,5/5	470 105	10
	CS 2,5/10	470 109	5
	CS 2,5/20	470 170	10
Technical Data			
Rated Impulse Voltage / Pollution severity	8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3		
Protection class / Protection conductor type	IP20/NA		
Marking Tags (Dekafix)			
See pages 326-333 for a list of Dekafix	D_NS 5,2x6, SLF-P2 W		
Package Quantity	50		

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	24	24	2,5 mm <sup>2</sup>
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			
Connection Data			
Conductor cross section solid (min.-max.)	0,08 - 4 mm <sup>2</sup>		
Conductor cross section stranded (min.-max.)	0,14 - 2,5 mm <sup>2</sup>		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm <sup>2</sup>		
AWG Conductor	28-12		
Insulation Stripping Length (min.-max.)	8-10		
Screwdriver	KT1 (0,4x2,5)		
Technical Data For Diode			
Diode Reverse Voltage			
Diode Current			
Diode			
End Plate	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	NPP/SRD 2,5-3S	451 179	50
Partition Plate	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
Test Plug	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	TF Ø2	493 020	5
Cross Connection	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	CS 2,5/2	470 102	25
	CS 2,5/3	470 103	20
	CS 2,5/4	470 104	15
	CS 2,5/5	470 105	10
	CS 2,5/10	470 109	5
	CS 2,5/20	470 170	10
Technical Data			
Rated Impulse Voltage / Pollution severity	8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3		
Protection class / Protection conductor type	IP20/NA		
Marking Tags (Dekafix)			
See pages 326-333 for a list of Dekafix	D_NS 5,2x6, SLF-P2 W		
Package Quantity	50		

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	24	24	2,5 mm <sup>2</sup>
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			
Connection Data			
Conductor cross section solid (min.-max.)	0,08 - 4 mm <sup>2</sup>		
Conductor cross section stranded (min.-max.)	0,14 - 2,5 mm <sup>2</sup>		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm <sup>2</sup>		
AWG Conductor	28-12		
Insulation Stripping Length (min.-max.)	8-10		
Screwdriver	KT1 (0,4x2,5)		
Technical Data For Diode			
Diode Reverse Voltage			
Diode Current			
Diode			
End Plate	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	NPP/SRD 2,5-3S	451 179	50
Partition Plate	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
Test Plug	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	TF Ø2	493 020	5
Cross Connection	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	CS 2,5/2	470 102	25
	CS 2,5/3	470 103	20
	CS 2,5/4	470 104	15
	CS 2,5/5	470 105	10
	CS 2,5/10	470 109	5
	CS 2,5/20	470 170	10
Technical Data			
Rated Impulse Voltage / Pollution severity	8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3		
Protection class / Protection conductor type	IP20/NA		
Marking Tags (Dekafix)			
See pages 326-333 for a list of Dekafix	D_NS 5,2x6, SLF-P2 W		
Package Quantity	50		

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	24	24	2,5 mm <sup>2</sup>
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			
Connection Data			
Conductor cross section solid (min.-max.)	0,08 - 4 mm <sup>2</sup>		
Conductor cross section stranded (min.-max.)	0,14 - 2,5 mm <sup>2</sup>		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm <sup>2</sup>		
AWG Conductor	28-12		
Insulation Stripping Length (min.-max.)	8-10		
Screwdriver	KT1 (0,4x2,5)		
Technical Data For Diode			
Diode Reverse Voltage			
Diode Current			
Diode			
End Plate	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	NPP/SRD 2,5-3S	451 179	50
Partition Plate	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
Test Plug	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	TF Ø2	493 020	5
Cross Connection	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	CS 2,5/2	470 102	25
	CS 2,5/3	470 103	20
	CS 2,5/4	470 104	15
	CS 2,5/5	470 105	10
	CS 2,5/10	470 109	5
	CS 2,5/20	470 170	10
Technical Data			
Rated Impulse Voltage / Pollution severity	8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3		
Protection class / Protection conductor type	IP20/NA		
Marking Tags (Dekafix)			
See pages 326-333 for a list of Dekafix	D_NS 5,2x6, SLF-P2 W		
Package Quantity	50		

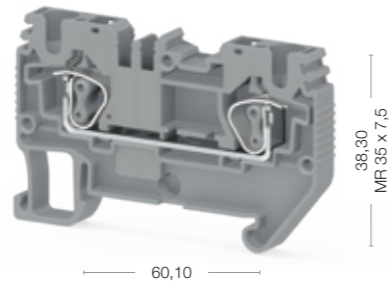
Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	250	24	2,5 mm <sup>2</sup>
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			
Connection Data			
Conductor cross section solid (min.-max.)	0,08 - 4 mm <sup>2</sup>		
Conductor cross section stranded (min.-max.)	0,14 - 2,5 mm <sup>2</sup>		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm <sup>2</sup>		
AWG Conductor	28-12		
Insulation Stripping Length (min.-max.)	8-10		
Screwdriver	KT1 (0,4x2,5)		
Technical Data For Diode			
Diode Reverse Voltage			
Diode Current			
Diode			
End Plate	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	NPP/SRD 2,5-3S	451 179	50
Partition Plate	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
Test Plug	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	TF Ø2	493 020	5
Cross Connection	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	CS 2,5/2	470 102	25
	CS 2,5/3	470 103	20
	CS 2,5/4	470 104	15
	CS 2,5/5	470 105	10
	CS 2,5/10	470 109	5
	CS 2,5/20	470 170	10
Technical Data			
Rated Impulse Voltage / Pollution severity	8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3		
Protection class / Protection conductor type	IP20/NA		
Marking Tags (Dekafix)			
See pages 326-333 for a list of Dekafix	D_NS 5,2x6, SLF-P2 W		
Package Quantity	50		

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	250	24	2,5 mm <sup>2</sup>
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			
Connection Data			
Conductor cross section solid (min.-max.)	0,08 - 4 mm <sup>2</sup>		
Conductor cross section stranded (min.-max.)	0,14 - 2,5 mm <sup>2</sup>		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm <sup>2</sup>		
AWG Conductor	28-12		
Insulation Stripping Length (min.-max.)	8-10		
Screwdriver	KT1 (0,4x2,5)		
Technical Data For Diode			
Diode Reverse Voltage			
Diode Current			
Diode			
End Plate	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	NPP/SRD 2,5-3S	451 179	50
Partition Plate	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
Test Plug	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	TF Ø2	493 020	5
Cross Connection	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	CS 2,5/2	470 102	25
	CS 2,5/3	470 103	20
	CS 2,5/4	470 104	15
	CS 2,5/5	470 105	10
	CS 2,5/10	470 109	5
	CS 2,5/20	470 170	10
Technical Data			
Rated Impulse Voltage / Pollution severity	8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3		
Protection class / Protection conductor type	IP20/NA		
Marking Tags (Dekafix)			
See pages 326-333 for a list of Dekafix	D_NS 5,2x6, SLF-P2 W		
Package Quantity	50		

# SRD 4

## new SRD 4

Width: 6,2 mm

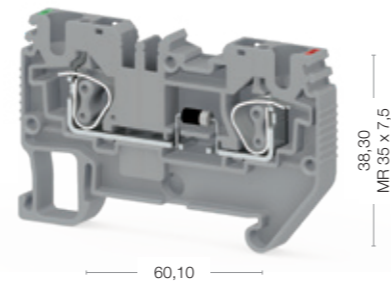


60,10

38,30  
MR 35 x 7,5

## new SRD 4 D-A

Width: 6,2 mm

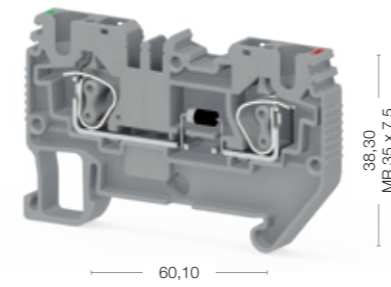


60,10

38,30  
MR 35 x 7,5

## new SRD 4 D-B

Width: 6,2 mm

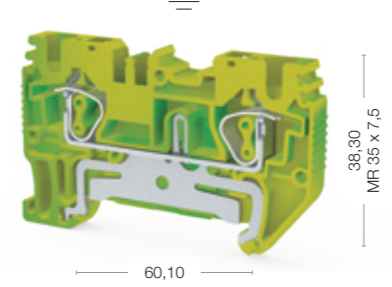


60,10

38,30  
MR 35 x 7,5

## new SRD 4 T

Width: 6,2 mm



60,10

38,30  
MR 35 x 7,5

Cat No:

- 311 679
- 311 670

Cat No:

- 311 689
- 311 680

Cat No:

- 311 699
- 311 690

Cat No:

- 337 170



Electrical Ratings
IEC (EN 60947-7-1/EN 60947-7-2)
UL
VDE (IEC 60947-7-1)
CSA
ATEX

Connection Data	
Conductor cross section solid (min.-max.)	0,08 -6 mm <sup>2</sup>
Conductor cross section stranded (min.-max.)	0,14 - 4 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	1 mm <sup>2</sup>
AWG Conductor	28-10
Insulation Stripping Length (min.-max.)	8-10
Screwdriver	KT3 (0,6x3,5)

Technical Data For Diode	
Diode Reverse Voltage	1000V
Diode Current	1 A
Diod	1 N 4007

End Plate

Partition Plate

Test Plug

Cross Connection

Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3
Protection class / Protection conductor type	IP20/NA
Marking Tags (Dekafix)	
See pages 326-333 for a list of Dekafix	D_NS 6,2x6, SLF-P1 W

Package Quantity
50

Voltage, V ~	Current, A	Cross-Section
800	32	4 mm <sup>2</sup>

Type	Cat.No.	Qty.
NPP/SRD 4	451 239	50

Type	Cat.No.	Qty.
APP/SRD 4	464 149	50

Type	Cat.No.	Qty.
TF Ø2	493 020	5

Type	Cat.No.	Qty.
CS 4/2	470 112	25
CS 4/3	470 113	20
CS 4/4	470 114	15
CS 4/5	470 115	10
CS 4/10	470 119	5
CS 4/20	470 180	10

Type	Cat.No.	Qty.
TF Ø2	493 020	5

Type	Cat.No.	Qty.
CS 4/2	470 112	25
CS 4/3	470 113	20
CS 4/4	470 114	15
CS 4/5	470 115	10
CS 4/10	470 119	5
CS 4/20	470 180	10

Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3
Protection class / Protection conductor type	IP20/NA
Marking Tags (Dekafix)	
See pages 326-333 for a list of Dekafix	D_NS 6,2x6, SLF-P1 W

Package Quantity
50

Voltage, V ~	Current, A	Cross-Section
800	1	4 mm <sup>2</sup>
The max. current is determined by the diode. Installed: Diode 1N 4007, reverse voltage: 1300 V, maximum continuous current: 0.5 A.		

Type	Cat.No.	Qty.
NPP/SRD 4	451 239	50

Type	Cat.No.	Qty.
APP/SRD 4	464 149	50

Type	Cat.No.	Qty.
TF Ø2	493 020	5

Type	Cat.No.	Qty.
CS 4/2	470 112	25
CS 4/3	470 113	20
CS 4/4	470 114	15
CS 4/5	470 115	10
CS 4/10	470 119	5
CS 4/20	470 180	10

Type	Cat.No.	Qty.
TF Ø2	493 020	5

Type	Cat.No.	Qty.
CS 4/2	470 112	25
CS 4/3	470 113	20
CS 4/4	470 114	15
CS 4/5	470 115	10
CS 4/10	470 119	5
CS 4/20	470 180	10

Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3
Protection class / Protection conductor type	IP20/NA
Marking Tags (Dekafix)	
See pages 326-333 for a list of Dekafix	D_NS 6,2x6, SLF-P1 W

Package Quantity
50

Voltage, V ~	Current, A	Cross-Section
800	1	4 mm <sup>2</sup>
The max. current is determined by the diode. Installed: Diode 1N 4007, reverse voltage: 1300 V, maximum continuous current: 0.5 A.		

Type	Cat.No.	Qty.
NPP/SRD 4	451 239	50

Type	Cat.No.	Qty.
APP/SRD 4	464 149	50

Type	Cat.No.	Qty.
TF Ø2	493 020	5

Type	Cat.No.	Qty.
CS 4/2	470 112	25
CS 4/3	470 113	20
CS 4/4	470 114	15
CS 4/5	470 115	10
CS 4/10	470 119	5
CS 4/20	470 180	10

Type	Cat.No.	Qty.
TF Ø2	493 020	5

Type	Cat.No.	Qty.
CS 4/2	470 112	25
CS 4/3	470 113	20
CS 4/4	470 114	15
CS 4/5	470 115	10
CS 4/10	470 119	5
CS 4/20	470 180	10

Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3
Protection class / Protection conductor type	IP20/NA
Marking Tags (Dekafix)	
See pages 326-333 for a list of Dekafix	D_NS 6,2x6, SLF-P1 W

Package Quantity
50

Voltage, V ~	Current, A	Cross-Section
800	1	4 mm <sup>2</sup>
The max. current is determined by the diode. Installed: Diode 1N 4007, reverse voltage: 1300 V, maximum continuous current: 0.5 A.		

Type	Cat.No.	Qty.
NPP/SRD 4	451 239	50

Type	Cat.No.	Qty.
APP/SRD 4	464 149	50

Type	Cat.No.	Qty.
TF Ø2	493 020	5

Type	Cat.No.	Qty.
CS 4/2	470 112	25
CS 4/3	470 113	20
CS 4/4	470 114	15
CS 4/5	470 115	10
CS 4/10	470 119	5
CS 4/20	470 180	10

Type	Cat.No.	Qty.
TF Ø2	493 020	5

Type	Cat.No.	Qty.
CS 4/2	470 112	25
CS 4/3	470 113	20
CS 4/4	470 114	15
CS 4/5	470 115	10
CS 4/10	470 119	5
CS 4/20	470 180	10

Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3
Protection class / Protection conductor type	IP20/NA
Marking Tags (Dekafix)	
See pages 326-333 for a list of Dekafix	D_NS 6,2x6, SLF-P1 W

Package Quantity
50

Voltage, V ~	Current, A	Cross-Section
800	1	4 mm <sup>2</sup>

Type	Cat.No.	Qty.
NPP/SRD 4	451 232T	50

Type	Cat.No.	Qty.
APP/SRD 4	464 149	50

Type	Cat.No.	Qty.
TF Ø2	493 020	5

Type	Cat.No.	Qty.
CS 4/2	470 112	25
CS 4/3	470 113	20
CS 4/4	470 114	15
CS 4/5	470 115	10
CS 4/10	470 119	5
CS 4/20	470 180	10

Type	Cat.No.	Qty.
TF Ø2	493 020	5

Type	Cat.No.	Qty.
CS 4/2	470 112	25
CS 4/3	470 113	20
CS 4/4	470 114	15
CS 4/5	470 115	10
CS 4/10	470 119	5
CS 4/20	470 180	10

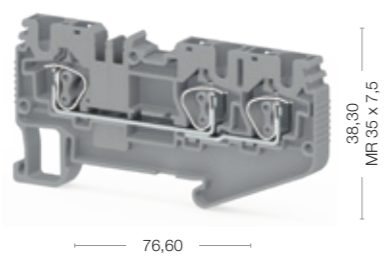
Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3
Protection class / Protection conductor type	IP20/PE
Marking Tags (Dekafix)	
See pages 326-333 for a list of Dekafix	D_NS 6,2x6, SLF-P1 W

Package Quantity
50

# SRD 4 E

## **new** SRD 4 E

Width: 6,2 mm

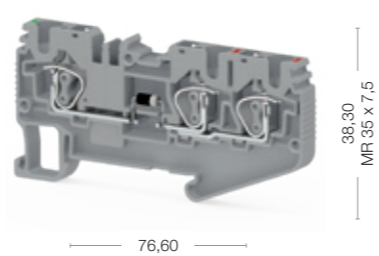


Cat No:

- 311 709
- 311 700

## **new** SRD 4 ED-A

Width: 6,2 mm

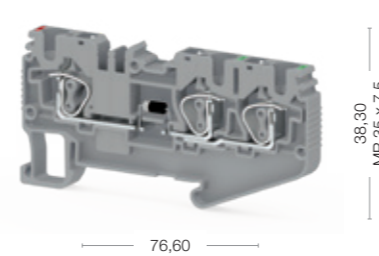


Cat No:

- 311 719
- 311 710

## **new** SRD 4 ED-B

Width: 6,2 mm

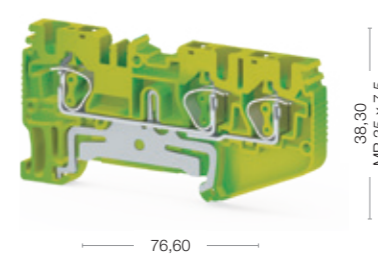


Cat No:

- 311 729
- 311 720

## **new** SRD 4 ET

Width: 6,2 mm



Cat No:

- 337 180



Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	800	32	4 mm <sup>2</sup>
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			
Connection Data			
Conductor cross section solid (min.-max.)	0,08 -6 mm <sup>2</sup>		
Conductor cross section stranded (min.-max.)	0,14 - 4 mm <sup>2</sup>		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	1 mm <sup>2</sup>		
AWG Conductor	28-10		
Insulation Stripping Length (min.-max.)	8-10		
Screwdriver	KT3 (0,6x3,5)		
Technical Data For Diode			
Diode Reverse Voltage	1000V		
Diode Current	1 A		
Diod	1 N 4007		
End Plate	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	NPP/SRD 4	451 239	50
Partition Plate	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	APP/SRD 4	464 149	50
Test Plug	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	TF Ø2	493 020	5
Cross Connection	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	CS 4/2	470 112	25
	CS 4/3	470 113	20
	CS 4/4	470 114	15
	CS 4/5	470 115	10
	CS 4/10	470 119	5
	CS 4/20	470 180	10
Technical Data			
Rated Impulse Voltage / Pollution severity	8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3		
Protection class / Protection conductor type	IP20/NA		
Marking Tags (Dekafix)			
See pages 326-333 for a list of Dekafix	D_NS 6,2x6, SLF-P1 W		
Package Quantity	50		

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	800	1	4 mm <sup>2</sup>
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			
Connection Data			
Conductor cross section solid (min.-max.)	0,08 -6 mm <sup>2</sup>		
Conductor cross section stranded (min.-max.)	0,14 - 4 mm <sup>2</sup>		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	1 mm <sup>2</sup>		
AWG Conductor	28-10		
Insulation Stripping Length (min.-max.)	8-10		
Screwdriver	KT3 (0,6x3,5)		
Technical Data For Diode			
Diode Reverse Voltage	1000V		
Diode Current	1 A		
Diod	1 N 4007		
End Plate	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	NPP/SRD 4E	451 199	50
Partition Plate	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	APP/SRD 4E	464 129	50
Test Plug	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	TF Ø2	493 020	5
Cross Connection	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	CS 4/2	470 112	25
	CS 4/3	470 113	20
	CS 4/4	470 114	15
	CS 4/5	470 115	10
	CS 4/10	470 119	5
	CS 4/20	470 180	10
Technical Data			
Rated Impulse Voltage / Pollution severity	8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3		
Protection class / Protection conductor type	IP20/NA		
Marking Tags (Dekafix)			
See pages 326-333 for a list of Dekafix	D_NS 6,2x6, SLF-P1 W		
Package Quantity	50		

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	800	1	4 mm <sup>2</sup>
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			
Connection Data			
Conductor cross section solid (min.-max.)	0,08 -6 mm <sup>2</sup>		
Conductor cross section stranded (min.-max.)	0,14 - 4 mm <sup>2</sup>		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	1 mm <sup>2</sup>		
AWG Conductor	28-10		
Insulation Stripping Length (min.-max.)	8-10		
Screwdriver	KT3 (0,6x3,5)		
Technical Data For Diode			
Diode Reverse Voltage	1000V		
Diode Current	1 A		
Diod	1 N 4007		
End Plate	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	NPP/SRD 4E	451 199	50
Partition Plate	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	APP/SRD 4E	464 129	50
Test Plug	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	TF Ø2	493 020	5
Cross Connection	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	CS 4/2	470 112	25
	CS 4/3	470 113	20
	CS 4/4	470 114	15
	CS 4/5	470 115	10
	CS 4/10	470 119	5
	CS 4/20	470 180	10
Technical Data			
Rated Impulse Voltage / Pollution severity	8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3		
Protection class / Protection conductor type	IP20/NA		
Marking Tags (Dekafix)			
See pages 326-333 for a list of Dekafix	D_NS 6,2x6, SLF-P1 W		
Package Quantity	50		

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	800	1	4 mm <sup>2</sup>
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			
Connection Data			
Conductor cross section solid (min.-max.)	0,08 -6 mm <sup>2</sup>		
Conductor cross section stranded (min.-max.)	0,14 - 4 mm <sup>2</sup>		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	1 mm <sup>2</sup>		
AWG Conductor	28-10		
Insulation Stripping Length (min.-max.)	8-10		
Screwdriver	KT3 (0,6x3,5)		
Technical Data For Diode			
Diode Reverse Voltage	1000V		
Diode Current	1 A		
Diod	1 N 4007		
End Plate	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	NPP/SRD 4E	451 199	50
Partition Plate	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	APP/SRD 4E	464 129	50
Test Plug	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	TF Ø2	493 020	5
Cross Connection	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	CS 4/2	470 112	25
	CS 4/3	470 113	20
	CS 4/4	470 114	15
	CS 4/5	470 115	10
	CS 4/10	470 119	5
	CS 4/20	470 180	10
Technical Data			
Rated Impulse Voltage / Pollution severity	8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3		
Protection class / Protection conductor type	IP20/NA		
Marking Tags (Dekafix)			
See pages 326-333 for a list of Dekafix	D_NS 6,2x6, SLF-P1 W		
Package Quantity	50		

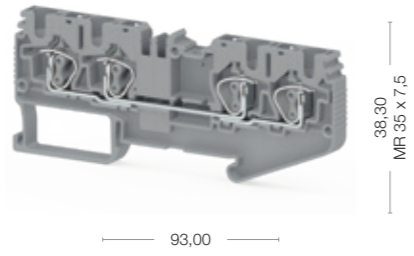
Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	800	1	4 mm <sup>2</sup>
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			
Connection Data			
Conductor cross section solid (min.-max.)	0,08 -6 mm <sup>2</sup>		
Conductor cross section stranded (min.-max.)	0,14 - 4 mm <sup>2</sup>		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	1 mm <sup>2</sup>		
AWG Conductor	28-10		
Insulation Stripping Length (min.-max.)	8-10		
Screwdriver	KT3 (0,6x3,5)		
Technical Data For Diode			
Diode Reverse Voltage	1000V		
Diode Current	1 A		
Diod	1 N 4007		
End Plate	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	NPP/SRD 4E	451 192T	50
Partition Plate	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	APP/SRD 4E	464 129	50
Test Plug	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	TF Ø2	493 020	5
Cross Connection	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	CS 4/2	470 112	25
	CS 4/3	470 113	20
	CS 4/4	470 114	15
	CS 4/5	470 115	10
	CS 4/10	470 119	5
	CS 4/20	470 180	10
Technical Data			
Rated Impulse Voltage / Pollution severity	8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3		
Protection class / Protection conductor type	IP20/PE		
Marking Tags (Dekafix)			
See pages 326-333 for a list of Dekafix	D_NS 6,2x6, SLF-P1 W		
Package Quantity	50		

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	800	1	4 mm <sup>2</sup>
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			
Connection Data			
Conductor cross section solid (min.-max.)	0,08 -6 mm <sup>2</sup>		
Conductor cross section stranded (min.-max.)	0,14 - 4 mm <sup>2</sup>		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	1 mm <sup>2</sup>		
AWG Conductor	28-10		
Insulation Stripping Length (min.-max.)	8-10		
Screwdriver	KT3 (0,6x3,5)		
Technical Data For Diode			
Diode Reverse Voltage	1000V		
Diode Current	1 A		
Diod	1 N 4007		
End Plate	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	NPP/SRD 4E	451 192T	50
Partition Plate	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	APP/SRD 4E	464 129	50
Test Plug	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	TF Ø2	493 020	5
Cross Connection	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	CS 4/2	470 112	25
	CS 4/3	470 113	20
	CS 4/4	470 114	15
	CS 4/5	470 115	10
	CS 4/10	470 119	5
	CS 4/20	470 180	10
Technical Data			
Rated Impulse Voltage / Pollution severity	8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3		
Protection class / Protection conductor type	IP20/PE		
Marking Tags (Dekafix)			
See pages 326-333 for a list of Dekafix	D_NS 6,2x6, SLF-P1 W		
Package Quantity	50		

# SRD 4 C

## **new** SRD 4 C

Width: 6,2 mm



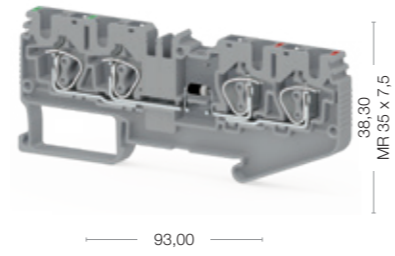
Cat No:

- 311 739
- 311 730

# SRD 4 CD-A

## **new**

Width: 6,2 mm

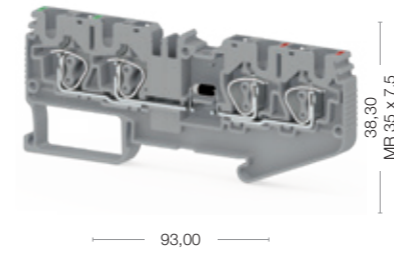


Cat No:

- 311 749
- 311 740

## **new** SRD 4 CD-B

Width: 6,2 mm



Cat No:

- 311 759
- 311 750



Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	800	32	4 mm <sup>2</sup>
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			
Connection Data			
Conductor cross section solid (min.-max.)	0,08 -6 mm <sup>2</sup>		
Conductor cross section stranded (min.-max.)	0,14 - 4 mm <sup>2</sup>		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	1 mm <sup>2</sup>		
AWG Conductor	28-10		
Insulation Stripping Length (min.-max.)	8-10		
Screwdriver	KT3 (0,6x3,5)		
Technical Data For Diode			
Diode Reverse Voltage	1000V		
Diode Current	1 A		
Diod	1 N 4007		
End Plate	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	NPP/SRD 4C	451 209	50
Partition Plate	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	APP/SRD 4C	464 139	50
Test Plug	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	TF Ø2	493 020	5
Cross Connection	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	CS 4/2	470 112	25
	CS 4/3	470 113	20
	CS 4/4	470 114	15
	CS 4/5	470 115	10
	CS 4/10	470 119	5
	CS 4/20	470 180	10
Technical Data			
Rated Impulse Voltage / Pollution severity	8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3		
Protection class / Protection conductor type	IP20/NA		
Marking Tags (Dekafix)			
See pages 326-333 for a list of Dekafix	D_NS 6,2x6, SLF-P1 W		
Package Quantity	50		

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	800	1	4 mm <sup>2</sup>
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			
Connection Data			
Conductor cross section solid (min.-max.)	0,08 -6 mm <sup>2</sup>		
Conductor cross section stranded (min.-max.)	0,14 - 4 mm <sup>2</sup>		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	1 mm <sup>2</sup>		
AWG Conductor	28-10		
Insulation Stripping Length (min.-max.)	8-10		
Screwdriver	KT3 (0,6x3,5)		
Technical Data For Diode			
Diode Reverse Voltage	1000V		
Diode Current	1 A		
Diod	1 N 4007		
End Plate	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	NPP/SRD 4C	451 209	50
Partition Plate	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	APP/SRD 4C	464 139	50
Test Plug	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	TF Ø2	493 020	5
Cross Connection	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	CS 4/2	470 112	25
	CS 4/3	470 113	20
	CS 4/4	470 114	15
	CS 4/5	470 115	10
	CS 4/10	470 119	5
	CS 4/20	470 180	10
Technical Data			
Rated Impulse Voltage / Pollution severity	8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3		
Protection class / Protection conductor type	IP20/NA		
Marking Tags (Dekafix)			
See pages 326-333 for a list of Dekafix	D_NS 6,2x6, SLF-P1 W		
Package Quantity	50		

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	800	1	4 mm <sup>2</sup>
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			
Connection Data			
Conductor cross section solid (min.-max.)	0,08 -6 mm <sup>2</sup>		
Conductor cross section stranded (min.-max.)	0,14 - 4 mm <sup>2</sup>		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	1 mm <sup>2</sup>		
AWG Conductor	28-10		
Insulation Stripping Length (min.-max.)	8-10		
Screwdriver	KT3 (0,6x3,5)		
Technical Data For Diode			
Diode Reverse Voltage	1000V		
Diode Current	1 A		
Diod	1 N 4007		
End Plate	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	NPP/SRD 4C	451 209	50
Partition Plate	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	APP/SRD 4C	464 139	50
Test Plug	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	TF Ø2	493 020	5
Cross Connection	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	CS 4/2	470 112	25
	CS 4/3	470 113	20
	CS 4/4	470 114	15
	CS 4/5	470 115	10
	CS 4/10	470 119	5
	CS 4/20	470 180	10
Technical Data			
Rated Impulse Voltage / Pollution severity	8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3		
Protection class / Protection conductor type	IP20/NA		
Marking Tags (Dekafix)			
See pages 326-333 for a list of Dekafix	D_NS 6,2x6, SLF-P1 W		
Package Quantity	50		

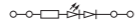
Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	800	1	4 mm <sup>2</sup>
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			
Connection Data			
Conductor cross section solid (min.-max.)	0,08 -6 mm <sup>2</sup>		
Conductor cross section stranded (min.-max.)	0,14 - 4 mm <sup>2</sup>		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	1 mm <sup>2</sup>		
AWG Conductor	28-10		
Insulation Stripping Length (min.-max.)	8-10		
Screwdriver	KT3 (0,6x3,5)		
Technical Data For Diode			
Diode Reverse Voltage	1000V		
Diode Current	1 A		
Diod	1 N 4007		
End Plate	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	NPP/SRD 4C	451 209	50
Partition Plate	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	APP/SRD 4C	464 139	50
Test Plug	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	TF Ø2	493 020	5
Cross Connection	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	CS 4/2	470 112	25
	CS 4/3	470 113	20
	CS 4/4	470 114	15
	CS 4/5	470 115	10
	CS 4/10	470 119	5
	CS 4/20	470 180	10
Technical Data			
Rated Impulse Voltage / Pollution severity	8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3		
Protection class / Protection conductor type	IP20/NA		
Marking Tags (Dekafix)			
See pages 326-333 for a list of Dekafix	D_NS 6,2x6, SLF-P1 W		
Package Quantity	50		

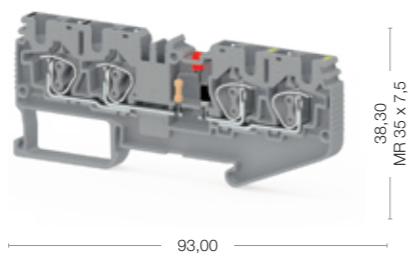
Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	800	1	4 mm <sup>2</sup>
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			
Connection Data			
Conductor cross section solid (min.-max.)	0,08 -6 mm <sup>2</sup>		
Conductor cross section stranded (min.-max.)	0,14 - 4 mm <sup>2</sup>		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	1 mm <sup>2</sup>		
AWG Conductor	28-10		
Insulation Stripping Length (min.-max.)	8-10		
Screwdriver	KT3 (0,6x3,5)		
Technical Data For Diode			
Diode Reverse Voltage	1000V		
Diode Current	1 A		
Diod	1 N 4007		
End Plate	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	NPP/SRD 4C	451 209	50
Partition Plate	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	APP/SRD 4C	464 139	50
Test Plug	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	TF Ø2	493 020	5
Cross Connection	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	CS 4/2	470 112	25
	CS 4/3	470 113	20
	CS 4/4	470 114	15
	CS 4/5	470 115	10
	CS 4/10	470 119	5
	CS 4/20	470 180	10
Technical Data			
Rated Impulse Voltage / Pollution severity	8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3		
Protection class / Protection conductor type	IP20/NA		
Marking Tags (Dekafix)			
See pages 326-333 for a list of Dekafix	D_NS 6,2x6, SLF-P1 W		
Package Quantity	50		



# SRD 4 CLD

## **new** SRD 4 CLD-24VAC





Width: 6,2 mm  




Cat No:


- 311 789
- 311 780

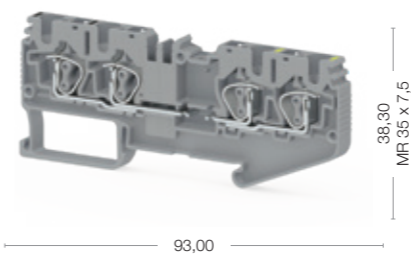


Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	24	32	4 mm <sup>2</sup>
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			
Connection Data			
Conductor cross section solid (min.-max.)	0,08 -6 mm <sup>2</sup>		
Conductor cross section stranded (min.-max.)	0,14 - 4 mm <sup>2</sup>		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	1 mm <sup>2</sup>		
AWG Conductor	28-10		
Insulation Stripping Length (min.-max.)	8-10		
Screwdriver	KT3 (0,6x3,5)		
Technical Data For Diode			
Diode Reverse Voltage			
Diode Current			
Diod			
End Plate			
	Type	Cat.No.	Qty.
	NPP/SRD 4C	451 209	50
Partition Plate			
	Type	Cat.No.	Qty.
	APP/SRD 4C	464 139	50
Test Plug			
	Type	Cat.No.	Qty.
	TF Ø2	493 020	5
Cross Connection			
	Type	Cat.No.	Qty.
	CS 4/2	470 112	25
	CS 4/3	470 113	20
	CS 4/4	470 114	15
	CS 4/5	470 115	10
	CS 4/10	470 119	5
	CS 4/20	470 180	10
Technical Data			
Rated Impulse Voltage / Pollution severity	8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3		
Protection class / Protection conductor type	IP20/NA		
Marking Tags (Dekafix)			
See pages 326-333 for a list of Dekafix	D_NS 6,2x6, SLF-P1 W		
Package Quantity			
	50		

SRD 4 CLD-..... Ordering Data		
24VDC	Gray	311 779
	Beige	311 770
48VAC	Gray	311 809
	Beige	311 800
48VDC	Gray	311 799
	Beige	311 790
110VAC	Gray	311 829
	Beige	311 820
110VDC	Gray	311 819
	Beige	311 810
220VAC	Gray	311 849
	Beige	311 840
220VDC	Gray	311 839
	Beige	311 830





## **new** SRD 4 Cx2

Width: 6,2 mm  





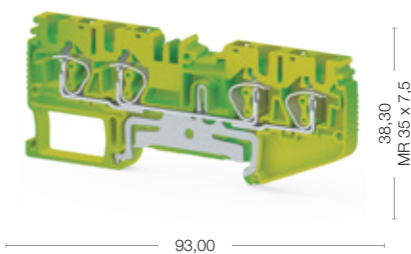
Cat No:

- 311 769
- 311 760

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	400	32	4 mm <sup>2</sup>
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			
Connection Data			
Conductor cross section solid (min.-max.)	0,08 -6 mm <sup>2</sup>		
Conductor cross section stranded (min.-max.)	0,14 - 4 mm <sup>2</sup>		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	1 mm <sup>2</sup>		
AWG Conductor	28-10		
Insulation Stripping Length (min.-max.)	8-10		
Screwdriver	KT3 (0,6x3,5)		
Technical Data For Diode			
Diode Reverse Voltage			
Diode Current			
Diod			
End Plate			
	Type	Cat.No.	Qty.
	NPP/SRD 4C	451 209	50
Partition Plate			
	Type	Cat.No.	Qty.
	APP/SRD 4C	464 139	50
Test Plug			
	Type	Cat.No.	Qty.
	TF Ø2	493 020	5
Cross Connection			
	Type	Cat.No.	Qty.
	CS 4/2	470 112	25
	CS 4/3	470 113	20
	CS 4/4	470 114	15
	CS 4/5	470 115	10
	CS 4/10	470 119	5
	CS 4/20	470 180	10
Technical Data			
Rated Impulse Voltage / Pollution severity	8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3		
Protection class / Protection conductor type	IP20/NA		
Marking Tags (Dekafix)			
See pages 326-333 for a list of Dekafix	D_NS 6,2x6, SLF-P1 W		
Package Quantity			
	50		





## **new** SRD 4 CT

Width: 6,2 mm  




Cat No:


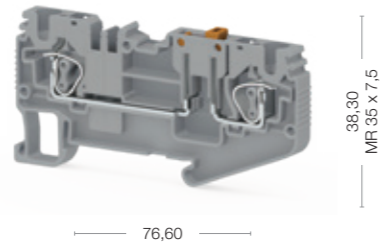
- 337 190

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)			
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			
Connection Data			
Conductor cross section solid (min.-max.)	0,08 -6 mm <sup>2</sup>		
Conductor cross section stranded (min.-max.)	0,14 - 4 mm <sup>2</sup>		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	1 mm <sup>2</sup>		
AWG Conductor	28-10		
Insulation Stripping Length (min.-max.)	8-10		
Screwdriver	KT3 (0,6x3,5)		
Technical Data For Diode			
Diode Reverse Voltage			
Diode Current			
Diod			
End Plate			
	Type	Cat.No.	Qty.
	NPP/SRD 24C	451 202T	50
Partition Plate			
	Type	Cat.No.	Qty.
	APP/SRD 4C	464 139	50
Test Plug			
	Type	Cat.No.	Qty.
	TF Ø2	493 020	5
Cross Connection			
	Type	Cat.No.	Qty.
	CS 4/2	470 112	25
	CS 4/3	470 113	20
	CS 4/4	470 114	15
	CS 4/5	470 115	10
	CS 4/10	470 119	5
	CS 4/20	470 180	10
Technical Data			
Rated Impulse Voltage / Pollution severity	8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3		
Protection class / Protection conductor type	IP20/PE		
Marking Tags (Dekafix)			
See pages 326-333 for a list of Dekafix	D_NS 6,2x6, SLF-P1 W		
Package Quantity			
	50		

# SRD 4 A

## **new** SRD 4 A

Width: 6,2 mm

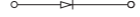
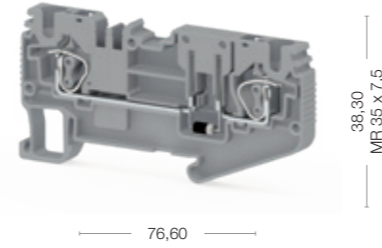



Cat No:

- 311 869
- 311 860

## **new** SRD 4 AD-A

Width: 6,2 mm


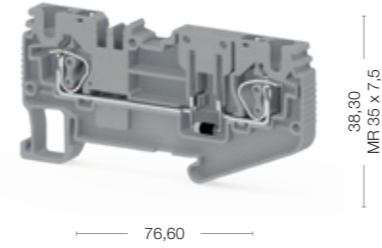



Cat No:

- 311 879
- 311 870

## **new** SRD 4 AD-B

Width: 6,2 mm


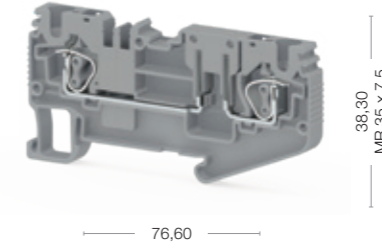



Cat No:

- 311 889
- 311 880

## **new** SRD 4 AK





Width: 6,2 mm




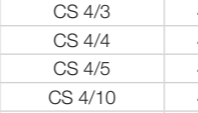




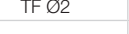
Cat No:

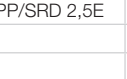

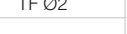
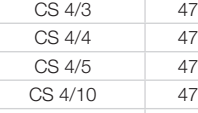
- 311 899
- 311 890

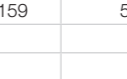
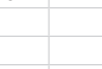
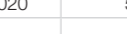
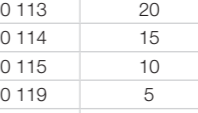


Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	500	20	4 mm <sup>2</sup>
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			
Connection Data			
Conductor cross section solid (min.-max.)	0,08 -6 mm <sup>2</sup>		
Conductor cross section stranded (min.-max.)	0,14 - 4 mm <sup>2</sup>		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	1 mm <sup>2</sup>		
AWG Conductor	28-10		
Insulation Stripping Length (min.-max.)	8-10		
Screwdriver	KT3 (0,6x3,5)		
Technical Data For Diode			
Diode Reverse Voltage	1000V		
Diode Current	1 A		
Diod	1 N 4007		
End Plate	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	NPP/SRD 4E	451 199	50
Partition Plate	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	APP/SRD 4E	464 129	50
Test Plug	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	TF Ø2	493 020	5
Cross Connection	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	CS 4/2	470 112	25
	CS 4/3	470 113	20
	CS 4/4	470 114	15
	CS 4/5	470 115	10
	CS 4/10	470 119	5
	CS 4/20	470 180	10
Technical Data			
Rated Impulse Voltage / Pollution severity	8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3		
Protection class / Protection conductor type	IP20/NA		
Marking Tags (Dekafix)			
See pages 326-333 for a list of Dekafix	D_NS 6,2x6, SLF-P1 W		
Package Quantity	50		

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	500	1	4 mm <sup>2</sup>
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			
Connection Data			
Conductor cross section solid (min.-max.)	0,08 -6 mm <sup>2</sup>		
Conductor cross section stranded (min.-max.)	0,14 - 4 mm <sup>2</sup>		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	1 mm <sup>2</sup>		
AWG Conductor	28-10		
Insulation Stripping Length (min.-max.)	8-10		
Screwdriver	KT3 (0,6x3,5)		
Technical Data For Diode			
Diode Reverse Voltage	1000V		
Diode Current	1 A		
Diod	1 N 4007		
End Plate	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	NPP/SRD 4E	451 199	50
Partition Plate	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	APP/SRD 4E	464 129	50
Test Plug	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	TF Ø2	493 020	5
Cross Connection	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	CS 4/2	470 112	25
	CS 4/3	470 113	20
	CS 4/4	470 114	15
	CS 4/5	470 115	10
	CS 4/10	470 119	5
	CS 4/20	470 180	10
Technical Data			
Rated Impulse Voltage / Pollution severity	8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3		
Protection class / Protection conductor type	IP20/NA		
Marking Tags (Dekafix)			
See pages 326-333 for a list of Dekafix	D_NS 6,2x6, SLF-P1 W		
Package Quantity	50		

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	500	1	4 mm <sup>2</sup>
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			
Connection Data			
Conductor cross section solid (min.-max.)	0,08 -6 mm <sup>2</sup>		
Conductor cross section stranded (min.-max.)	0,14 - 4 mm <sup>2</sup>		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	1 mm <sup>2</sup>		
AWG Conductor	28-10		
Insulation Stripping Length (min.-max.)	8-10		
Screwdriver	KT3 (0,6x3,5)		
Technical Data For Diode			
Diode Reverse Voltage	1000V		
Diode Current	1 A		
Diod	1 N 4007		
End Plate	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	NPP/SRD 4E	451 199	50
Partition Plate	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	APP/SRD 4E	464 129	50
Test Plug	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	TF Ø2	493 020	5
Cross Connection	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	CS 4/2	470 112	25
	CS 4/3	470 113	20
	CS 4/4	470 114	15
	CS 4/5	470 115	10
	CS 4/10	470 119	5
	CS 4/20	470 180	10
Technical Data			
Rated Impulse Voltage / Pollution severity	8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3		
Protection class / Protection conductor type	IP20/NA		
Marking Tags (Dekafix)			
See pages 326-333 for a list of Dekafix	D_NS 6,2x6, SLF-P1 W		
Package Quantity	50		

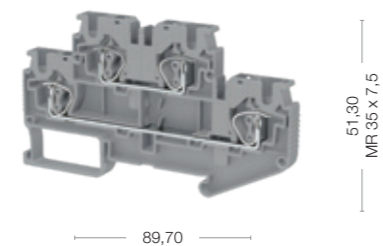
Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	500	20	4 mm <sup>2</sup>
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			
Connection Data			
Conductor cross section solid (min.-max.)	0,08 -6 mm <sup>2</sup>		
Conductor cross section stranded (min.-max.)	0,14 - 4 mm <sup>2</sup>		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	1 mm <sup>2</sup>		
AWG Conductor	28-10		
Insulation Stripping Length (min.-max.)	8-10		
Screwdriver	KT3 (0,6x3,5)		
Technical Data For Diode			
Diode Reverse Voltage	1000V		
Diode Current	1 A		
Diod	1 N 4007		
End Plate	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	NPP/SRD 2,5E	451 159	50
Partition Plate	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	APP/SRD 2,5E	464 079	50
Test Plug	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	TF Ø2	493 020	5
Cross Connection	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	CS 4/2	470 112	25
	CS 4/3	470 113	20
	CS 4/4	470 114	15
	CS 4/5	470 115	10
	CS 4/10	470 119	5
	CS 4/20	470 180	10
Technical Data			
Rated Impulse Voltage / Pollution severity	8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3		
Protection class / Protection conductor type	IP20/NA		
Marking Tags (Dekafix)			
See pages 326-333 for a list of Dekafix	D_NS 6,2x6, SLF-P1 W		
Package Quantity	50		

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	500	20	4 mm <sup>2</sup>
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			
Connection Data			
Conductor cross section solid (min.-max.)	0,08 -6 mm <sup>2</sup>		
Conductor cross section stranded (min.-max.)	0,14 - 4 mm <sup>2</sup>		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	1 mm <sup>2</sup>		
AWG Conductor	28-10		
Insulation Stripping Length (min.-max.)	8-10		
Screwdriver	KT3 (0,6x3,5)		
Technical Data For Diode			
Diode Reverse Voltage	1000V		
Diode Current	1 A		
Diod	1 N 4007		
End Plate	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	NPP/SRD 4E	451 199	50
Partition Plate	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	APP/SRD 4E	464 129	50
Test Plug	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	TF Ø2	493 020	5
Cross Connection	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	CS 4/2	470 112	25
	CS 4/3	470 113	20
	CS 4/4	470 114	15
	CS 4/5	470 115	10
	CS 4/10	470 119	5
	CS 4/20	470 180	10
Technical Data			
Rated Impulse Voltage / Pollution severity	8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3		
Protection class / Protection conductor type	IP20/NA		
Marking Tags (Dekafix)			
See pages 326-333 for a list of Dekafix	D_NS 6,2x6, SLF-P1 W		
Package Quantity	50		

# SRD 4-2F

## **new** SRD 4-2F

Width: 6,2 mm



Cat No:

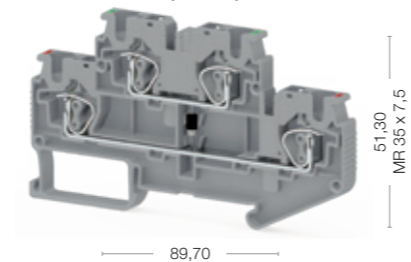
- 311 909
- 311 900



Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	500	32	4 mm <sup>2</sup>
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			
Connection Data			
Conductor cross section solid (min.-max.)	0,08 -6 mm <sup>2</sup>		
Conductor cross section stranded (min.-max.)	0,14 - 4 mm <sup>2</sup>		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	1 mm <sup>2</sup>		
AWG Conductor	28-10		
Insulation Stripping Length (min.-max.)	8-10		
Screwdriver	KT3 (0,6x3,5)		
Technical Data For Diode			
Diode Reverse Voltage	1000V		
Diode Current	1 A		
Diode	1 N 4007		
End Plate			
	Type	Cat.No.	Qty.
	NPP/SRD 4_2F	451 219	50
Partition Plate			
	Type	Cat.No.	Qty.
	APP/SRD 4_2F	464 159	50
Test Plug			
	Type	Cat.No.	Qty.
	TF Ø2	493 020	5
Cross Connection			
	Type	Cat.No.	Qty.
	CS 4/2	470 112	25
	CS 4/3	470 113	20
	CS 4/4	470 114	15
	CS 4/5	470 115	10
	CS 4/10	470 119	5
	CS 4/20	470 180	10
Technical Data			
Rated Impulse Voltage / Pollution severity	8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3		
Protection class / Protection conductor type	IP20/NA		
Marking Tags (Dekafix)			
See pages 326-333 for a list of Dekafix	D_NS 6,2x6, SLF-P2 W		
Package Quantity	50		

## **new** SRD 4-2FD-A

Width: 6,2 mm



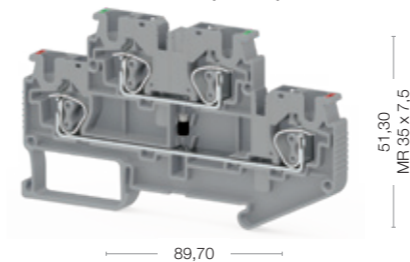
Cat No:

- 311 919
- 311 910

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	500	1	4 mm <sup>2</sup>
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			
Connection Data			
Conductor cross section solid (min.-max.)	0,08 -6 mm <sup>2</sup>		
Conductor cross section stranded (min.-max.)	0,14 - 4 mm <sup>2</sup>		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	1 mm <sup>2</sup>		
AWG Conductor	28-10		
Insulation Stripping Length (min.-max.)	8-10		
Screwdriver	KT3 (0,6x3,5)		
Technical Data For Diode			
Diode Reverse Voltage	1000V		
Diode Current	1 A		
Diode	1 N 4007		
End Plate			
	Type	Cat.No.	Qty.
	NPP/SRD 4_2F	451 219	50
Partition Plate			
	Type	Cat.No.	Qty.
	APP/SRD 4_2F	464 159	50
Test Plug			
	Type	Cat.No.	Qty.
	TF Ø2	493 020	5
Cross Connection			
	Type	Cat.No.	Qty.
	CS 4/2	470 112	25
	CS 4/3	470 113	20
	CS 4/4	470 114	15
	CS 4/5	470 115	10
	CS 4/10	470 119	5
	CS 4/20	470 180	10
Technical Data			
Rated Impulse Voltage / Pollution severity	8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3		
Protection class / Protection conductor type	IP20/NA		
Marking Tags (Dekafix)			
See pages 326-333 for a list of Dekafix	D_NS 6,2x6, SLF-P2 W		
Package Quantity	50		

## **new** SRD 4-2FD-B

Width: 6,2 mm



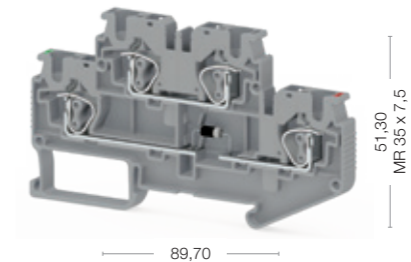
Cat No:

- 311 929
- 311 920

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	500	1	4 mm <sup>2</sup>
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			
Connection Data			
Conductor cross section solid (min.-max.)	0,08 -6 mm <sup>2</sup>		
Conductor cross section stranded (min.-max.)	0,14 - 4 mm <sup>2</sup>		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	1 mm <sup>2</sup>		
AWG Conductor	28-10		
Insulation Stripping Length (min.-max.)	8-10		
Screwdriver	KT3 (0,6x3,5)		
Technical Data For Diode			
Diode Reverse Voltage	1000V		
Diode Current	1 A		
Diode	1 N 4007		
End Plate			
	Type	Cat.No.	Qty.
	NPP/SRD 4_2F	451 219	50
Partition Plate			
	Type	Cat.No.	Qty.
	APP/SRD 4_2F	464 159	50
Test Plug			
	Type	Cat.No.	Qty.
	TF Ø2	493 020	5
Cross Connection			
	Type	Cat.No.	Qty.
	CS 4/2	470 112	25
	CS 4/3	470 113	20
	CS 4/4	470 114	15
	CS 4/5	470 115	10
	CS 4/10	470 119	5
	CS 4/20	470 180	10
Technical Data			
Rated Impulse Voltage / Pollution severity	8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3		
Protection class / Protection conductor type	IP20/NA		
Marking Tags (Dekafix)			
See pages 326-333 for a list of Dekafix	D_NS 6,2x6, SLF-P2 W		
Package Quantity	50		

## **new** SRD 4-2FD-L

Width: 6,2 mm



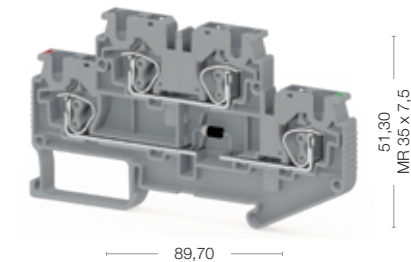
Cat No:

- 312 049
- 312 040

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	500	1	4 mm <sup>2</sup>
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			
Connection Data			
Conductor cross section solid (min.-max.)	0,08 -6 mm <sup>2</sup>		
Conductor cross section stranded (min.-max.)	0,14 - 4 mm <sup>2</sup>		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	1 mm <sup>2</sup>		
AWG Conductor	28-10		
Insulation Stripping Length (min.-max.)	8-10		
Screwdriver	KT3 (0,6x3,5)		
Technical Data For Diode			
Diode Reverse Voltage	1000V		
Diode Current	1 A		
Diode	1 N 4007		
End Plate			
	Type	Cat.No.	Qty.
	NPP/SRD 4_2F	451 219	50
Partition Plate			
	Type	Cat.No.	Qty.
	APP/SRD 4_2F	464 159	50
Test Plug			
	Type	Cat.No.	Qty.
	TF Ø2	493 020	5
Cross Connection			
	Type	Cat.No.	Qty.
	CS 4/2	470 112	25
	CS 4/3	470 113	20
	CS 4/4	470 114	15
	CS 4/5	470 115	10
	CS 4/10	470 119	5
	CS 4/20	470 180	10
Technical Data			
Rated Impulse Voltage / Pollution severity	8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3		
Protection class / Protection conductor type	IP20/NA		
Marking Tags (Dekafix)			
See pages 326-333 for a list of Dekafix	D_NS 6,2x6, SLF-P2 W		
Package Quantity	50		

## **new** SRD 4-2FD-R

Width: 6,2 mm



Cat No:

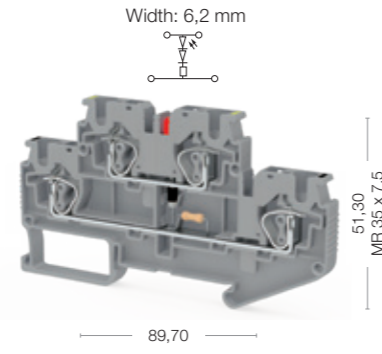
- 311 939
- 311 930

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	500	1	4 mm <sup>2</sup>
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			
Connection Data			
Conductor cross section solid (min.-max.)	0,08 -6 mm <sup>2</sup>		
Conductor cross section stranded (min.-max.)	0,14 - 4 mm <sup>2</sup>		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	1 mm <sup>2</sup>		
AWG Conductor	28-10		
Insulation Stripping Length (min.-max.)	8-10		
Screwdriver	KT3 (0,6x3,5)		
Technical Data For Diode			
Diode Reverse Voltage	1000V		
Diode Current	1 A		
Diode	1 N 4007		
End Plate			
	Type	Cat.No.	Qty.
	NPP/SRD 4_2F	451 219	50
Partition Plate			
	Type	Cat.No.	Qty.
	APP/SRD 4_2F	464 159	50
Test Plug			
	Type	Cat.No.	Qty.
	TF Ø2	493 020	5
Cross Connection			
	Type	Cat.No.	Qty.
	CS 4/2	470 112	25
	CS 4/3	470 113	20
	CS 4/4	470 114	15
	CS 4/5	470 115	10
	CS 4/10	470 119	5
	CS 4/20	470 180	10
Technical Data			
Rated Impulse Voltage / Pollution severity	8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3		
Protection class / Protection conductor type	IP20/NA		
Marking Tags (Dekafix)			
See pages 326-333 for a list of Dekafix	D_NS 6,2x6, SLF-P2 W		
Package Quantity	50		

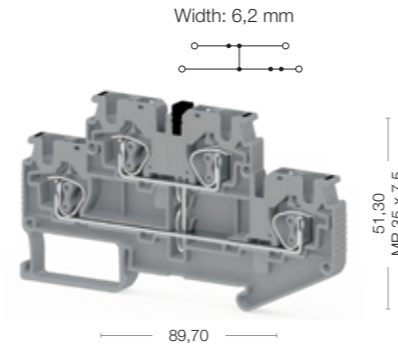
# SRD 4-2F



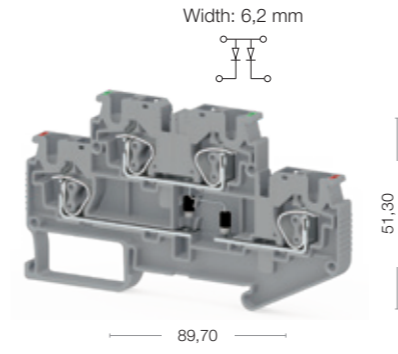
## SRD 4-2FLD-24VAC



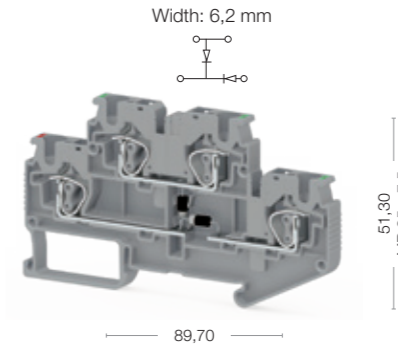
## SRD 4-2FK



## SRD 4-F2D-A



## SRD 4-F2D-B



Cat No:

- 311 959
- 311 950

Cat No:

- 312 069
- 312 060

Cat No:

- 312 029
- 312 020

Cat No:

- 312 039
- 312 030



Electrical Ratings	IEC (EN 60947-7-1/EN 60947-7-2)	UL	VDE (IEC 60947-7-1)	CSA	ATEX																					
Connection Data	Conductor cross section solid (min.-max.) Conductor cross section stranded (min.-max.) 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve AWG Conductor Insulation Stripping Length (min.-max.) Screwdriver																									
Technical Data For Diode	Diode Reverse Voltage Diode Current Diode																									
End Plate	<table border="1"> <thead> <tr> <th>Type</th> <th>Cat.No.</th> <th>Qty.</th> </tr> </thead> <tbody> <tr> <td>NPP/SRD 4_2F</td> <td>451 219</td> <td>50</td> </tr> </tbody> </table>					Type	Cat.No.	Qty.	NPP/SRD 4_2F	451 219	50															
Type	Cat.No.	Qty.																								
NPP/SRD 4_2F	451 219	50																								
Partition Plate	<table border="1"> <thead> <tr> <th>Type</th> <th>Cat.No.</th> <th>Qty.</th> </tr> </thead> <tbody> <tr> <td>APP/SRD 4_2F</td> <td>464 159</td> <td>50</td> </tr> </tbody> </table>					Type	Cat.No.	Qty.	APP/SRD 4_2F	464 159	50															
Type	Cat.No.	Qty.																								
APP/SRD 4_2F	464 159	50																								
Test Plug	<table border="1"> <thead> <tr> <th>Type</th> <th>Cat.No.</th> <th>Qty.</th> </tr> </thead> <tbody> <tr> <td>TF Ø2</td> <td>493 020</td> <td>5</td> </tr> </tbody> </table>					Type	Cat.No.	Qty.	TF Ø2	493 020	5															
Type	Cat.No.	Qty.																								
TF Ø2	493 020	5																								
Cross Connection	<table border="1"> <thead> <tr> <th>Type</th> <th>Cat.No.</th> <th>Qty.</th> </tr> </thead> <tbody> <tr><td>CS 4/2</td><td>470 112</td><td>25</td></tr> <tr><td>CS 4/3</td><td>470 113</td><td>20</td></tr> <tr><td>CS 4/4</td><td>470 114</td><td>15</td></tr> <tr><td>CS 4/5</td><td>470 115</td><td>10</td></tr> <tr><td>CS 4/10</td><td>470 119</td><td>5</td></tr> <tr><td>CS 4/20</td><td>470 180</td><td>10</td></tr> </tbody> </table>					Type	Cat.No.	Qty.	CS 4/2	470 112	25	CS 4/3	470 113	20	CS 4/4	470 114	15	CS 4/5	470 115	10	CS 4/10	470 119	5	CS 4/20	470 180	10
Type	Cat.No.	Qty.																								
CS 4/2	470 112	25																								
CS 4/3	470 113	20																								
CS 4/4	470 114	15																								
CS 4/5	470 115	10																								
CS 4/10	470 119	5																								
CS 4/20	470 180	10																								
Technical Data	Rated Impulse Voltage / Pollution severity Insulation material group / Gauge pin code according to IEC 60947-1 Protection class / Protection conductor type Marking Tags (Dekafix) See pages 326-333 for a list of Dekafix																									
Package Quantity	50																									

Voltage, V ~	Current, A	Cross-Section
24	32	4 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
500	32	4 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
500	1	4 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
500	1	4 mm <sup>2</sup>

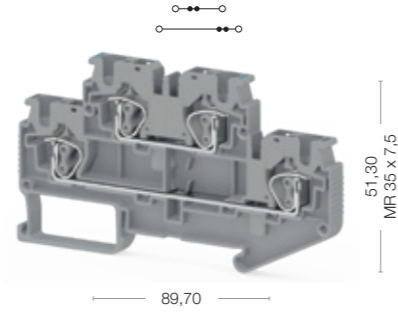
Voltage, V ~	Current, A	Cross-Section
500	1	4 mm <sup>2</sup>

SRD 2,5-2FLD-..... Ordering Data		
24VDC	Gray	311 949
	Beige	311 940
48VAC	Gray	311 979
	Beige	311 970
48VDC	Gray	311 969
	Beige	311 960
110VAC	Gray	311 999
	Beige	311 990
110VDC	Gray	311 989
	Beige	311 980
220VAC	Gray	312 019
	Beige	312 010
220VDC	Gray	312 009
	Beige	312 000

**SRD 4-2F**  
**SRD 4-FT**

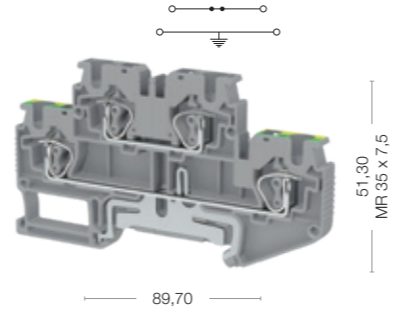
**new** **SRD 4-FN**

Width: 6,2 mm



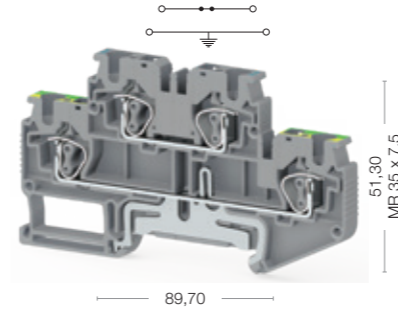
**new** **SRD 4-FT**

Width: 6,2 mm



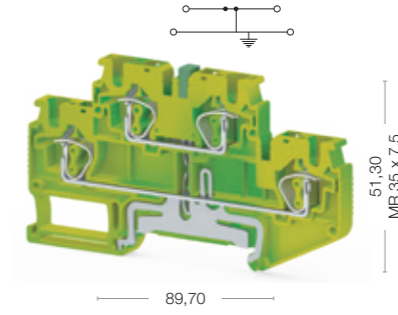
**new** **SRD 4-NT**

Width: 6,2 mm



**new** **SRD 4-2T**

Width: 6,2 mm



Cat No:

- 312 059
- 312 050

Cat No:

- 312 079
- 312 070

Cat No:

- 312 089
- 312 080

Cat No:

- 337 150



Electrical Ratings
IEC (EN 60947-7-1/EN 60947-7-2)
UL
VDE (IEC 60947-7-1)
CSA
ATEX


Connection Data	
Conductor cross section solid (min.-max.)	0,08 - 6 mm <sup>2</sup>
Conductor cross section stranded (min.-max.)	0,14 - 4 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	1 mm <sup>2</sup>
AWG Conductor	28-10
Insulation Stripping Length (min.-max.)	8-10
Screwdriver	KT3 (0,6x3,5)

Technical Data For Diode	
Diode Reverse Voltage	
Diode Current	
Diod	

End Plate


Partition Plate


Test Plug


Cross Connection


Technical Data	
Rated Impulse Voltage / Pollution severity	8/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3
Protection class / Protection conductor type	IP20/NA
Marking Tags (Dekafix)	
See pages 326-333 for a list of Dekafix	D_NS 6,2x6, SLF-P2 W

Package Quantity
50

Voltage, V ~	Current, A	Cross-Section
500	32	4 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
500	32	4 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
500	32	4 mm <sup>2</sup>

Type	Cat.No.	Qty.
NPP/SRD 4_2F	451 219	50

Type	Cat.No.	Qty.
APP/SRD 4_2F	464 159	50

Type	Cat.No.	Qty.
TF Ø2	493 020	5

Type	Cat.No.	Qty.
CS 4/2	470 112	25
CS 4/3	470 113	20
CS 4/4	470 114	15
CS 4/5	470 115	10
CS 4/10	470 119	5
CS 4/20	470 180	10

Type	Cat.No.	Qty.
8/3		
1/A3		
IP20/NA		
D_NS 6,2x6, SLF-P2 W		

Package Quantity
50

Voltage, V ~	Current, A	Cross-Section
500	32	4 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
500	32	4 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
500	32	4 mm <sup>2</sup>

Type	Cat.No.	Qty.
NPP/SRD 4_2F	451 219	50

Type	Cat.No.	Qty.
APP/SRD 4_2F	464 159	50

Type	Cat.No.	Qty.
TF Ø2	493 020	5

Type	Cat.No.	Qty.
CS 4/2	470 112	25
CS 4/3	470 113	20
CS 4/4	470 114	15
CS 4/5	470 115	10
CS 4/10	470 119	5
CS 4/20	470 180	10

Type	Cat.No.	Qty.
8/3		
1/A3		
IP20/PE		
D_NS 6,2x6, SLF-P2 W		

Package Quantity
50

Voltage, V ~	Current, A	Cross-Section
500	32	4 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
500	32	4 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
500	32	4 mm <sup>2</sup>

Type	Cat.No.	Qty.
NPP/SRD 4_2F	451 219	50

Type	Cat.No.	Qty.
APP/SRD 4_2F	464 159	50

Type	Cat.No.	Qty.
TF Ø2	493 020	5

Type	Cat.No.	Qty.
CS 4/2	470 112	25
CS 4/3	470 113	20
CS 4/4	470 114	15
CS 4/5	470 115	10
CS 4/10	470 119	5
CS 4/20	470 180	10

Type	Cat.No.	Qty.
8/3		
1/A3		
IP20/PE		
D_NS 6,2x6, SLF-P2 W		

Package Quantity
50

Voltage, V ~	Current, A	Cross-Section
500	32	4 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
500	32	4 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
500	32	4 mm <sup>2</sup>

Type	Cat.No.	Qty.
NPP/SRD 4_2F	451 219	50

Type	Cat.No.	Qty.
APP/SRD 4_2F	464 159	50

Type	Cat.No.	Qty.
TF Ø2	493 020	5

Type	Cat.No.	Qty.
CS 4/2	470 112	25
CS 4/3	470 113	20
CS 4/4	470 114	15
CS 4/5	470 115	10
CS 4/10	470 119	5
CS 4/20	470 180	10

Type	Cat.No.	Qty.
8/3		
1/A3		
IP20/PE		
D_NS 6,2x6, SLF-P2 W		

Package Quantity
50

Voltage, V ~	Current, A	Cross-Section
500	32	4 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
500	32	4 mm <sup>2</sup>

Voltage, V ~	Current, A	Cross-Section
500	32	4 mm <sup>2</sup>

Type	Cat.No.	Qty.
NPP/SRD 4-2F	451 212T	50

Type	Cat.No.	Qty.
APP/SRD 4-2F	464 159	50

Type	Cat.No.	Qty.
TF Ø2	493 020	5

Type	Cat.No.	Qty.
CS 4/2	470 112	25
CS 4/3	470 113	20
CS 4/4	470 114	15
CS 4/5	470 115	10
CS 4/10	470 119	5
CS 4/20	470 180	10

Type	Cat.No.	Qty.
8/3		
1/A3		
IP20/PE		
D_NS 6,2x6, SLF-P2 W		

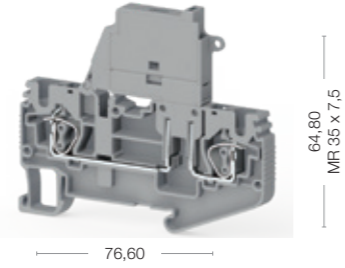
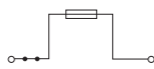
Package Quantity
50

# SRD 4 S SRD 4 SLD



## SRD 4S

Width: 6,2 mm



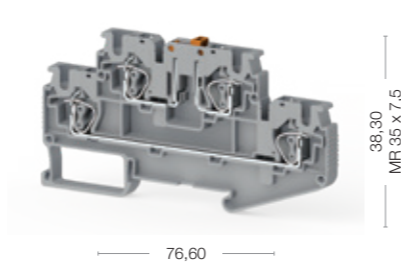
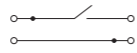
Cat No:

- 312 119
- 312 110



## SRD 4 AF

Width: 6,2 mm



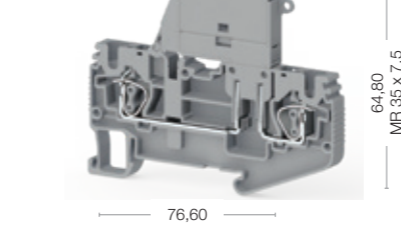
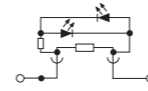
Cat No:

- 312 099
- 312 090



## SRD 4 SLD 24V AC/DC





Width: 6,2 mm



Cat No:

- 312 139
- 312 130



Electrical Ratings			
IEC (EN 60947-7-1/EN 60947-7-2)	500	10	4 mm <sup>2</sup>
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			
Connection Data			
Conductor cross section solid (min.-max.)	0,08 -6 mm <sup>2</sup>		
Conductor cross section stranded (min.-max.)	0,14 - 4 mm <sup>2</sup>		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	1 mm <sup>2</sup>		
AWG Conductor	28-10		
Insulation Stripping Length (min.-max.)	8-10		
Screwdriver	KT3 (0,6x3,5)		
Technical Data For Diode			
Diode Reverse Voltage			
Diode Current			
Diod			
End Plate			
	Type	Cat.No.	Qty.
	NPP/SRD 4E	451 199	50
Partition Plate			
	Type	Cat.No.	Qty.
	APP/SRD 4E	464 129	50
Test Plug			
	Type	Cat.No.	Qty.
	TF Ø2	493 020	5
Cross Connection			
	Type	Cat.No.	Qty.
	CS 4/2	470 112	25
	CS 4/3	470 113	20
	CS 4/4	470 114	15
	CS 4/5	470 115	10
	CS 4/10	470 119	5
	CS 4/20	470 180	10
Technical Data			
Rated Impulse Voltage / Pollution severity	8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3		
Protection class / Protection conductor type	IP20/NA		
Marking Tags (Dekafix)			
See pages 326-333 for a list of Dekafix	D_NS 6,2x6, SLF-P2 W		
Package Quantity			
	50		

Voltage, V ~			Current, A			Cross-Section		
500			10			4 mm <sup>2</sup>		
Connection Data			0,08 -6 mm <sup>2</sup>			0,14 - 4 mm <sup>2</sup>		
Conductor cross section solid (min.-max.)			0,08 -6 mm <sup>2</sup>			0,14 - 4 mm <sup>2</sup>		
Conductor cross section stranded (min.-max.)			1 mm <sup>2</sup>			1 mm <sup>2</sup>		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve			28-10			28-10		
AWG Conductor			8-10			8-10		
Insulation Stripping Length (min.-max.)			KT3 (0,6x3,5)			KT3 (0,6x3,5)		
Screwdriver								
Type			Cat.No.			Qty.		
NPP/SRD 4E			451 199			50		
Type			Cat.No.			Qty.		
APP/SRD 4E			464 129			50		
Type			Cat.No.			Qty.		
TF Ø2			493 020			5		
Type			Cat.No.			Qty.		
CS 4/2			470 112			25		
CS 4/3			470 113			20		
CS 4/4			470 114			15		
CS 4/5			470 115			10		
CS 4/10			470 119			5		
CS 4/20			470 180			10		
Type			Cat.No.			Qty.		
8/3								
1/A3								
IP20/NA								
Type			Cat.No.			Qty.		
D_NS 6,2x6, SLF-P2 W								
Type			Cat.No.			Qty.		
						50		

Voltage, V ~			Current, A			Cross-Section		
500			32			24 mm <sup>2</sup>		
Connection Data			0,08 -6 mm <sup>2</sup>			0,14 - 4 mm <sup>2</sup>		
Conductor cross section solid (min.-max.)			0,08 -6 mm <sup>2</sup>			0,14 - 4 mm <sup>2</sup>		
Conductor cross section stranded (min.-max.)			1 mm <sup>2</sup>			1 mm <sup>2</sup>		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve			28-10			28-10		
AWG Conductor			8-10			8-10		
Insulation Stripping Length (min.-max.)			KT3 (0,6x3,5)			KT3 (0,6x3,5)		
Screwdriver								
Type			Cat.No.			Qty.		
NPP/SRD 4AF			451 229			50		
Type			Cat.No.			Qty.		
APP/SRD 4AF			464 169			50		
Type			Cat.No.			Qty.		
TF Ø2			493 020			5		
Type			Cat.No.			Qty.		
CS 4/2			470 112			25		
CS 4/3			470 113			20		
CS 4/4			470 114			15		
CS 4/5			470 115			10		
CS 4/10			470 119			5		
CS 4/20			470 180			10		
Type			Cat.No.			Qty.		
8/3								
1/A3								
IP20/NA								
Type			Cat.No.			Qty.		
D_NS 6,2x6, SLF-P2 W								
Type			Cat.No.			Qty.		
						50		

Voltage, V ~			Current, A			Cross-Section		
220			10			4 mm <sup>2</sup>		
Connection Data			0,08 -6 mm <sup>2</sup>			0,14 - 4 mm <sup>2</sup>		
Conductor cross section solid (min.-max.)			0,08 -6 mm <sup>2</sup>			0,14 - 4 mm <sup>2</sup>		
Conductor cross section stranded (min.-max.)			1 mm <sup>2</sup>			1 mm <sup>2</sup>		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve			28-10			28-10		
AWG Conductor			8-10			8-10		
Insulation Stripping Length (min.-max.)			KT3 (0,6x3,5)			KT3 (0,6x3,5)		
Screwdriver								
Type			Cat.No.			Qty.		
NPP/SRD 4E			451 199			50		
Type			Cat.No.			Qty.		
APP/SRD 4E			464 129			50		
Type			Cat.No.			Qty.		
TF Ø2			493 020			5		
Type			Cat.No.			Qty.		
CS 4/2			470 112			25		
CS 4/3			470 113			20		
CS 4/4			470 114			15		
CS 4/5			470 115			10		
CS 4/10			470 119			5		
CS 4/20			470 180			10		
Type			Cat.No.			Qty.		
8/3								
1/A4								
IP20/NA								
Type			Cat.No.			Qty.		
D_NS 6,2x6, SLF-P2 W								
Type			Cat.No.			Qty.		
						50		

Voltage, V ~			Current, A			Cross-Section		
220			10			4 mm <sup>2</sup>		
Connection Data			0,08 -6 mm <sup>2</sup>			0,14 - 4 mm <sup>2</sup>		
Conductor cross section solid (min.-max.)			0,08 -6 mm <sup>2</sup>			0,14 - 4 mm <sup>2</sup>		
Conductor cross section stranded (min.-max.)			1 mm <sup>2</sup>			1 mm <sup>2</sup>		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve			28-10			28-10		
AWG Conductor			8-10			8-10		
Insulation Stripping Length (min.-max.)			KT3 (0,6x3,5)			KT3 (0,6x3,5)		
Screwdriver								
Type			Cat.No.			Qty.		
NPP/SRD 4E			451 199			50		
Type			Cat.No.			Qty.		
APP/SRD 4E			464 129			50		
Type			Cat.No.			Qty.		
TF Ø2			493 020			5		
Type			Cat.No.			Qty.		
CS 4/2			470 112			25		
CS 4/3			470 113			20		
CS 4/4			470 114			15		
CS 4/5			470 115			10		
CS 4/10			470 119			5		
CS 4/20			470 180			10		
Type			Cat.No.			Qty.		
8/3								
1/A4								
IP20/NA								
Type			Cat.No.			Qty.		
D_NS 6,2x6, SLF-P2 W								
Type			Cat.No.			Qty.		
						50		

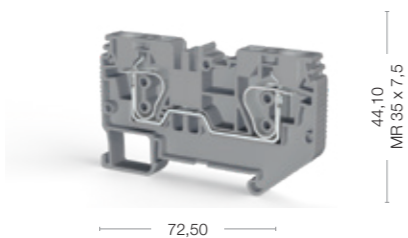
SRD 4 SLD -..... Ordering Data		
48V AC/DC	Gray	312 149
	Beige	312 140
110V AC/DC	Gray	312 159
	Beige	312 150
220V AC/DC	Gray	312 169
	Beige	312 160

# SRD 6



## SRD 6

Width: 8 mm



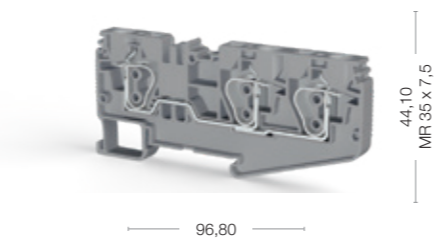
Cat No:

- 312 199
- 312 190



## SRD 6 E

Width: 8 mm



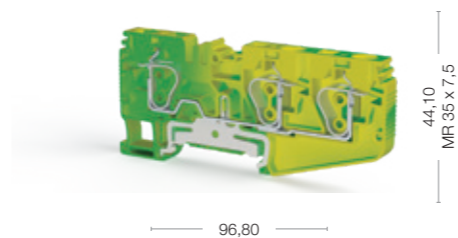
Cat No:

- 312 209
- 312 200



## SRD 6 ET

Width: 8 mm



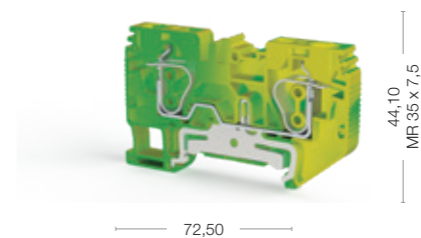
Cat No:

- 337 220



## SRD 6 T

Width: 8 mm



Cat No:

- 337 210



Electrical Ratings		
IEC (EN 60947-7-1/EN 60947-7-2)	1000	41
UL		
VDE (IEC 60947-7-1)		
CSA		
ATEX		
Connection Data		
Conductor cross section solid (min.-max.)	0,2 - 10 mm <sup>2</sup>	
Conductor cross section stranded (min.-max.)	0,2 - 6 mm <sup>2</sup>	
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	1,5 mm <sup>2</sup>	
AWG Conductor	24-8	
Insulation Stripping Length (min.-max.)	10-12	
Screwdriver	KTD 3 (0,6 x Ø3,5)	
End Block		
	<b>Type</b>	<b>Cat.No.</b>
	KD3	495 049
	KD4	495 059
	KD7	495 210
	KD8	495 229
End Plate		
	<b>Type</b>	<b>Cat.No.</b>
	NPP/SRD 6	451 249
Partition Plate		
	<b>Type</b>	<b>Cat.No.</b>
	APP/SRD 6	464 179
Test Plug		
	<b>Type</b>	<b>Cat.No.</b>
	TF Ø2,3	493 023
Cross Connection		
	<b>Type</b>	<b>Cat.No.</b>
	CS 6/2	470 122
	CS 6/3	470 123
	CS 6/4	470 124
	CS 6/5	470 125
	CS 6/10	470 129
Technical Data		
Rated Impulse Voltage / Pollution severity	8/3	
Insulation material group / Gauge pin code according to IEC 60947-1	1/A5	
Protection class / Protection conductor type	IP20/NA	
Marking Tags (Dekafix)		
See pages 326-333 for a list of Dekafix	D_NS 8x6, SLF-P1 W	
Package Quantity		
	50	

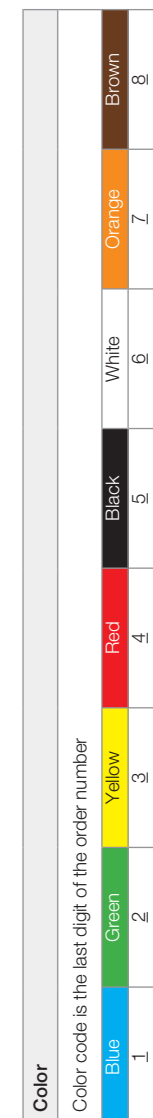
Electrical Ratings		
1000	41	6 mm <sup>2</sup>
Connection Data		
0,2 - 10 mm <sup>2</sup>	0,2 - 10 mm <sup>2</sup>	
0,2 - 6 mm <sup>2</sup>	0,2 - 6 mm <sup>2</sup>	
1,5 mm <sup>2</sup>	1,5 mm <sup>2</sup>	
24-8	24-8	
10-12	10-12	
KTD 3 (0,6 x Ø3,5)	KTD 3 (0,6 x Ø3,5)	
End Block		
<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
KD3	495 049	100
KD4	495 059	100
KD7	495 210	50
KD8	495 229	50
End Plate		
<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
NPP/SRD 6	451 249	50
Partition Plate		
<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
APP/SRD 6	464 179	50
Test Plug		
<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
TF Ø2,3	493 023	5
Cross Connection		
<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
CS 6/2	470 122	25
CS 6/3	470 123	20
CS 6/4	470 124	15
CS 6/5	470 125	10
CS 6/10	470 129	5
Technical Data		
8/3	8/3	
1/A5	1/A5	
IP20/NA	IP20/NA	
Marking Tags (Dekafix)		
D_NS 8x6, SLF-P1 W	D_NS 8x6, SLF-P1 W	
Package Quantity		
50	50	

Electrical Ratings		
1000	41	6 mm <sup>2</sup>
Connection Data		
0,2 - 10 mm <sup>2</sup>	0,2 - 10 mm <sup>2</sup>	
0,2 - 6 mm <sup>2</sup>	0,2 - 6 mm <sup>2</sup>	
1,5 mm <sup>2</sup>	1,5 mm <sup>2</sup>	
24-8	24-8	
10-12	10-12	
KTD 3 (0,6 x Ø3,5)	KTD 3 (0,6 x Ø3,5)	
End Block		
<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
KD3	495 049	100
KD4	495 059	100
KD7	495 210	50
KD8	495 229	50
End Plate		
<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
NPP/SRD 6 E	451 259	50
Partition Plate		
<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
APP/SRD 6 E	464 189	50
Test Plug		
<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
TF Ø2,3	493 023	5
Cross Connection		
<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
CS 6/2	470 122	25
CS 6/3	470 123	20
CS 6/4	470 124	15
CS 6/5	470 125	10
CS 6/10	470 129	5
Technical Data		
8/3	8/3	
1/A5	1/A5	
IP20/NA	IP20/NA	
Marking Tags (Dekafix)		
D_NS 8x6, SLF-P1 W	D_NS 8x6, SLF-P1 W	
Package Quantity		
50	50	

Electrical Ratings		
		6 mm <sup>2</sup>
Connection Data		
0,2 - 10 mm <sup>2</sup>	0,2 - 10 mm <sup>2</sup>	
0,2 - 6 mm <sup>2</sup>	0,2 - 6 mm <sup>2</sup>	
1,5 mm <sup>2</sup>	1,5 mm <sup>2</sup>	
24-8	24-8	
10-12	10-12	
KTD 3 (0,6 x Ø3,5)	KTD 3 (0,6 x Ø3,5)	
End Block		
<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
KD3	495 049	100
KD4	495 059	100
KD7	495 210	50
KD8	495 229	50
End Plate		
<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
NPP/SRD 6 E	451 252T	50
Partition Plate		
<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
APP/SRD 6 E	464 189	50
Test Plug		
<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
TF Ø2,3	493 023	5
Cross Connection		
Technical Data		
8/3	8/3	
1/A5	1/A5	
IP20/NA	IP20/NA	
Marking Tags (Dekafix)		
D_NS 8x6, SLF-P1 W	D_NS 8x6, SLF-P1 W	
Package Quantity		
50	50	

Electrical Ratings		
		6 mm <sup>2</sup>
Connection Data		
0,2 - 10 mm <sup>2</sup>	0,2 - 10 mm <sup>2</sup>	
0,2 - 6 mm <sup>2</sup>	0,2 - 6 mm <sup>2</sup>	
1,5 mm <sup>2</sup>	1,5 mm <sup>2</sup>	
24-8	24-8	
10-12	10-12	
KTD 3 (0,6 x Ø3,5)	KTD 3 (0,6 x Ø3,5)	
End Block		
<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
KD3	495 049	100
KD4	495 059	100
KD7	495 210	50
KD8	495 229	50
End Plate		
<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
NPP/SRD 6	451 252T	50
Partition Plate		
<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
APP/SRD 6	464 179	50
Test Plug		
<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
TF Ø2,3	493 023	5
Cross Connection		
Technical Data		
8/3	8/3	
1/A5	1/A5	
IP20/NA	IP20/NA	
Marking Tags (Dekafix)		
D_NS 8x6, SLF-P1 W	D_NS 8x6, SLF-P1 W	
Package Quantity		
50	50	

Electrical Ratings		
		6 mm <sup>2</sup>
Connection Data		
0,2 - 10 mm <sup>2</sup>	0,2 - 10 mm <sup>2</sup>	
0,2 - 6 mm <sup>2</sup>	0,2 - 6 mm <sup>2</sup>	
1,5 mm <sup>2</sup>	1,5 mm <sup>2</sup>	
24-8	24-8	
10-12	10-12	
KTD 3 (0,6 x Ø3,5)	KTD 3 (0,6 x Ø3,5)	
End Block		
<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
KD3	495 049	100
KD4	495 059	100
KD7	495 210	50
KD8	495 229	50
End Plate		
<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
NPP/SRD 6	451 252T	50
Partition Plate		
<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
APP/SRD 6	464 179	50
Test Plug		
<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
TF Ø2,3	493 023	5
Cross Connection		
Technical Data		
8/3	8/3	
1/A5	1/A5	
IP20/NA	IP20/NA	
Marking Tags (Dekafix)		
D_NS 8x6, SLF-P1 W	D_NS 8x6, SLF-P1 W	
Package Quantity		
50	50	



# SRD 10

**new** **SRD 10**

Width: 10 mm



49,60  
MR 35 x 7,5

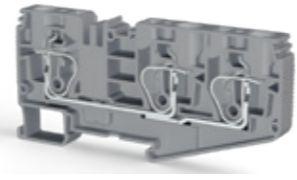
77,00

Cat No:

- 312 219
- 312 210

**new** **SRD 10 E**

Width: 10 mm



49,60  
MR 35 x 7,5

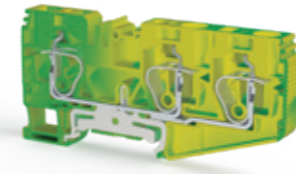
103,30

Cat No:

- 312 229
- 312 220

**new** **SRD 10 ET**

Width: 10 mm



49,60  
MR 35 x 7,5

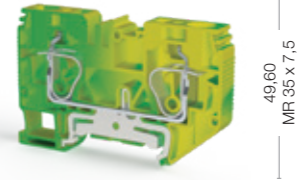
103,30

Cat No:

- 337 240

**new** **SRD 10 T**

Width: 10 mm



49,60  
MR 35 x 7,5

77,00

Cat No:

- 337 230



Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	1000	57	10 mm <sup>2</sup>
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Connection Data	Conductor cross section solid (min.-max.)	Conductor cross section stranded (min.-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	AWG Conductor	Insulation Stripping Length (min.-max.)	Screwdriver
	0,2 - 16 mm <sup>2</sup>	0,2 - 10 mm <sup>2</sup>	2,5 mm <sup>2</sup>	24-6	16-18	KTD 4 (0,8 x Ø4,0)

End Block	Type	Cat.No.	Qty.
	KD3	495 049	100
	KD4	495 059	100
	KD7	495 210	50
	KD8	495 229	50

End Plate	Type	Cat.No.	Qty.
	NPP/SRD 10	451 279	50

Partition Plate	Type	Cat.No.	Qty.
	APP/SRD 10	464 199	50

Test Plug	Type	Cat.No.	Qty.
	TF Ø2,3	493 023	5

Cross Connection	Type	Cat.No.	Qty.
	CS 10/2	470 132	25
	CS 10/3	470 133	20
	CS 10/4	470 134	15
	CS 10/5	470 135	10
	CS 10/10	470 139	5

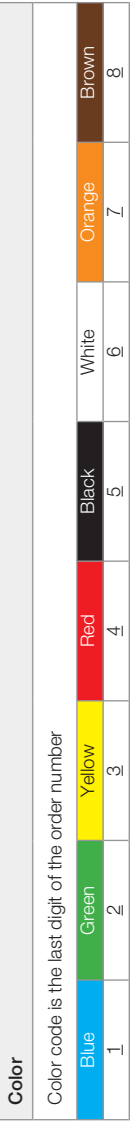
Technical Data	Rated Impulse Voltage / Pollution severity	Insulation material group / Gauge pin code according to IEC 60947-1	Protection class / Protection conductor type
	8/3	1/A6	IP20/NA

Marking Tags (Dekafix)	See pages 326-333 for a list of Dekafix
	D_NS 10x6, SLF-P1 W

Package Quantity	Quantity
	50

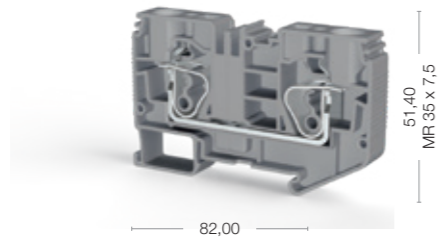




# SRD 16

**new** **SRD 16**

Width: 12 mm

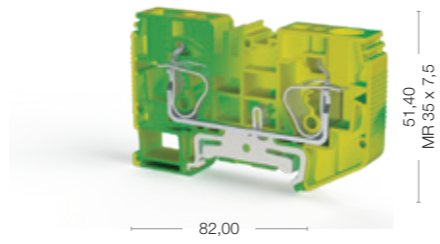


82,00

51,40  
MR 35 x 7,5

**new** **SRD 16 T**

Width: 12 mm



82,00

51,40  
MR 35 x 7,5





Cat No:

- 312 239
- 312 230

Cat No:

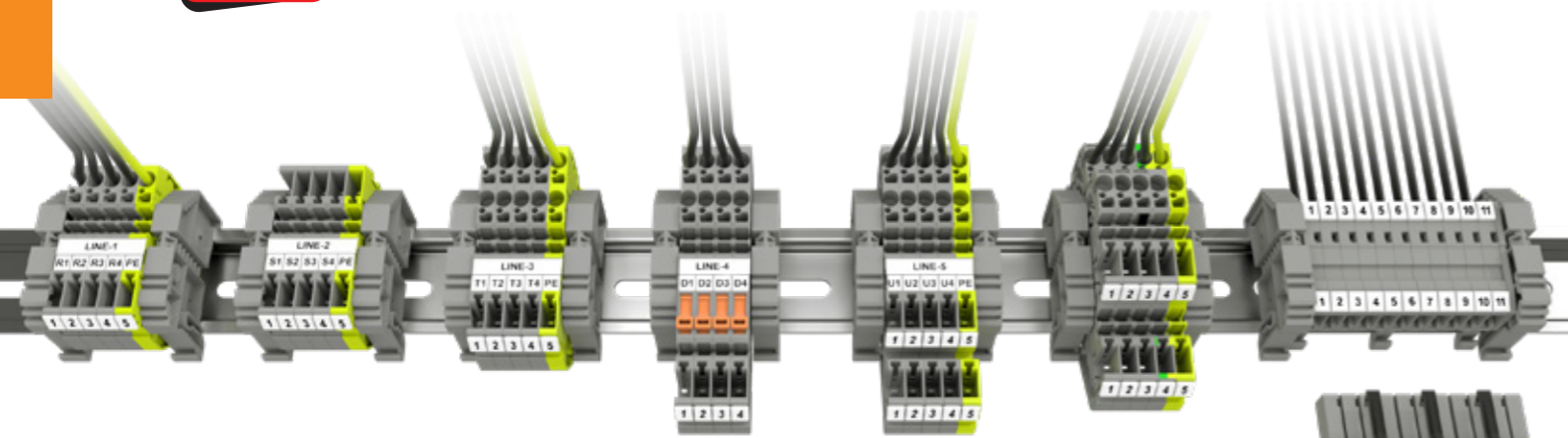
- 337 250



Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section
IEC (EN 60947-7-1/EN 60947-7-2)	1000	76	16 mm <sup>2</sup>			16 mm <sup>2</sup>
UL						
VDE (IEC 60947-7-1)						
CSA						
ATEX						
Connection Data						
Conductor cross section solid (min.-max.)	0,2 -25 mm <sup>2</sup>			0,2 -25 mm <sup>2</sup>		
Conductor cross section stranded (min.-max.)	0,2 - 16 mm <sup>2</sup>			0,2 - 16 mm <sup>2</sup>		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	2,5 mm <sup>2</sup>			2,5 mm <sup>2</sup>		
AWG Conductor	24-4			24-4		
Insulation Stripping Length (min.-max.)	17			17		
Screwdriver	KTD 5 (1,0 x Ø5,5)			KTD 5 (1,0 x Ø5,5)		
End Block	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	KD 3	495 049	100	KD 3	495 049	100
	KD 4	495 059	100	KD 4	495 059	100
	KD 7	495 210	50	KD 7	495 210	50
	KD 8	495 229	50	KD 8	495 229	50
End Plate	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	NPP/SRD 16	451 289	50	NPP/SRD 16T	451 282T	50
Partition Plate	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	APP/SRD 16	464 209	50	APP/SRD 16	464 209	50
Test Plug	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>
	TF Ø2,3	493 023	5	TF Ø2,3	493 023	5
Cross Connection	<b>Type</b>	<b>Cat.No.</b>	<b>Qty.</b>			
	CS 16/2	470 152	25			
Technical Data						
Rated Impulse Voltage / Pollution severity	8/3			8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A7			1/A7		
Protection class / Protection conductor type	IP20/NA			IP20/NA		
Marking Tags (Dekafix)						
See pages 326-333 for a list of Dekafix	D_NS 12x6, SLF-P1 W			D_NS 12x6, SLF-P1 W		
Package Quantity						
	50			50		

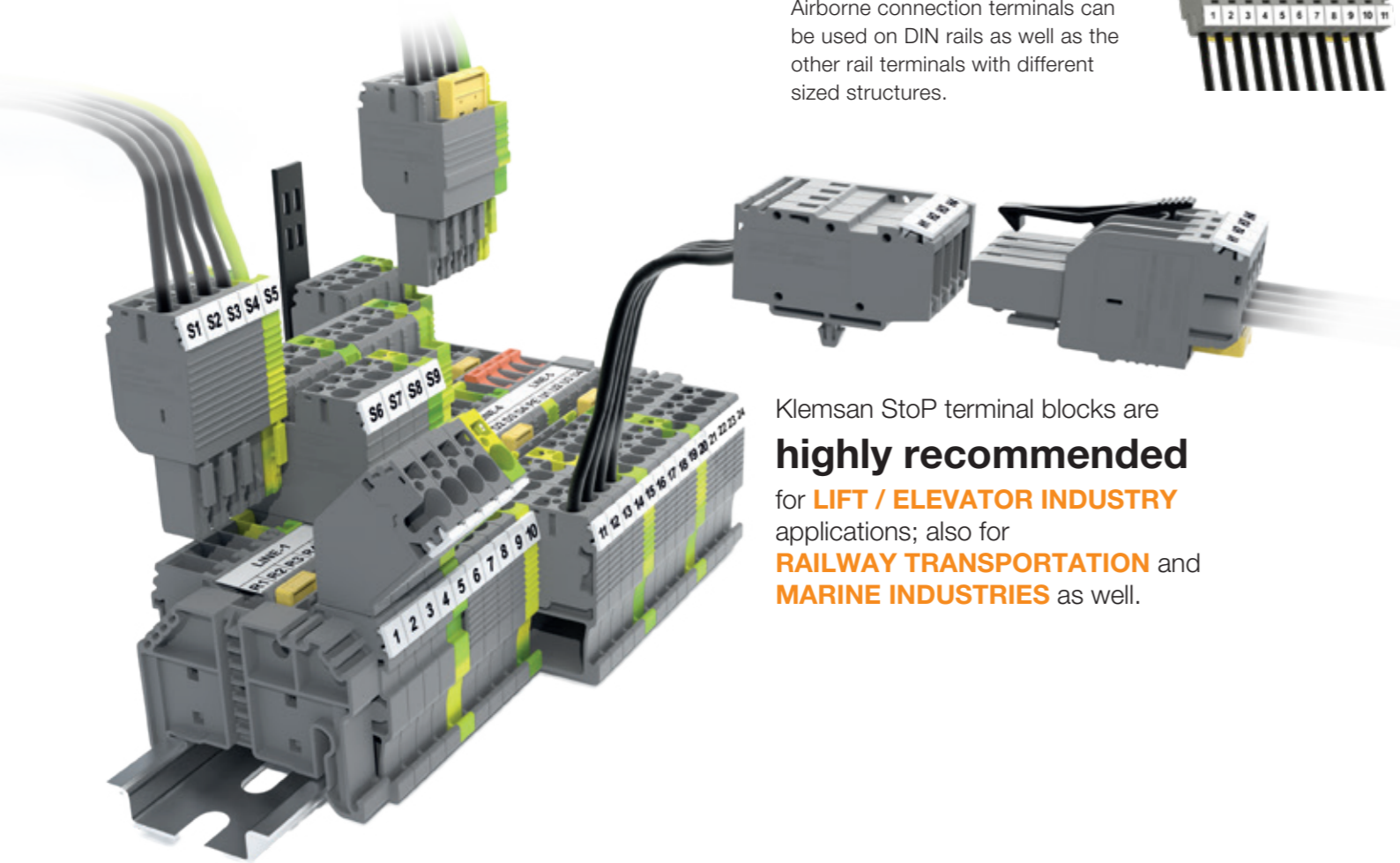
Color							
Color code is the last digit of the order number							
Blue	Green	Yellow	Red	Black	White	Orange	Brown
1	2	3	4	5	6	7	8

**Complying EN 45545-2 European Railway Standard for fire safety classes R22-R23-R24-R26 and Hazard Levels HL1 - HL2 - HL3**



**DIN Rail Mounting**

Airborne connection terminals can be used on DIN rails as well as the other rail terminals with different sized structures.

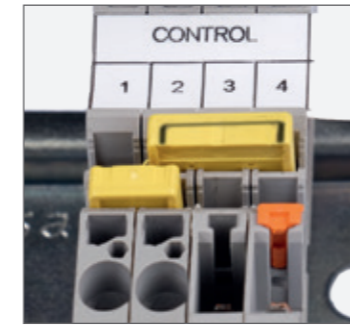


Klemsan StoP terminal blocks are **highly recommended** for **LIFT / ELEVATOR INDUSTRY** applications; also for **RAILWAY TRANSPORTATION** and **MARINE INDUSTRIES** as well.

By using our brand new series Klemsan StoP Terminal Blocks, you can easily build your signal or power circuits with plugs and sockets. Besides DIN Rail mount types, you can also make coupling of terminals without any DIN Rail fixing. The new StoP terminals enable users to intervene energy breakdowns quickly, making tests faster and safer.

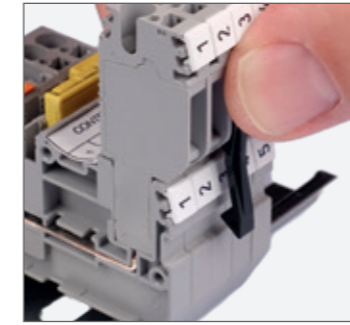
- By using pin locks, user can match the right plugs and sockets. This prevents misconnection.
- Plugs and sockets can be purchased separately to make customized sets.
- Same cross-connectors can be used for both terminals and sockets.
- User can use either strip labels or marking tags for the proper marking of the terminal block set.

**Custom Solutions for Processes**



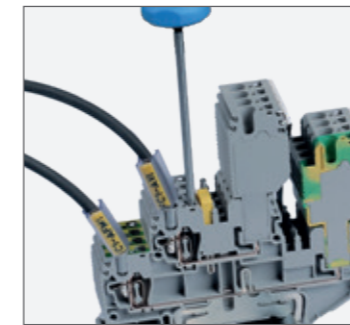
**Cross-Connection**

It is possible to make dual cross-connections on terminals and same cross-connectors can also be used for sockets. You may use permanent markers to indicate poles on cross-connectors.



**Socket Locks**

Extra optional locks prevent your circuits from excessive vibrations. Sockets can be removed from terminals by simply pushing the clip upwards.



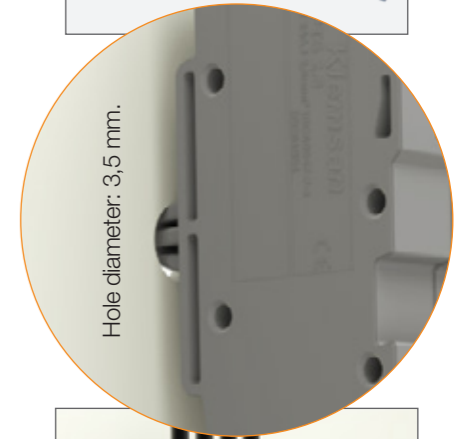
**Wire Assembly for Terminals**

Wires can be assembled quickly and easily by opening the spring cage with the suitable screwdriver.



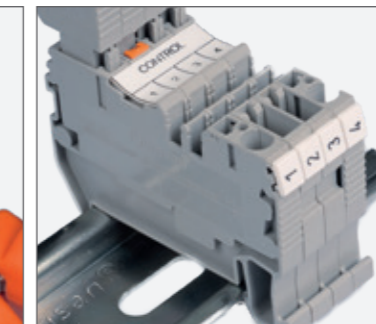
**Cable Tie Mount**

You can use a cable tie to hold all cables together assembled to the socket by using cable tie mount.



**Airborne Connection**

Airborne connection terminals can be used for making quick and safe connections inside the panels or installation ducts.

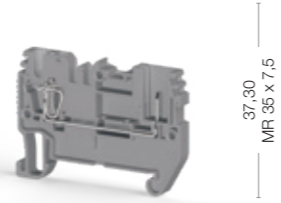


**Pin Coding**

Use orange pins on terminals to prevent the misconnection of sockets.

**CTP 2.5**

Width: 5,2 mm



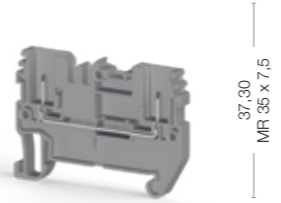
37,30  
MF 35 x 7,5

Cat No: 51,60

- 310 129
- 310 120
- 310 121

**PTP 2.5**

Width: 5,2 mm



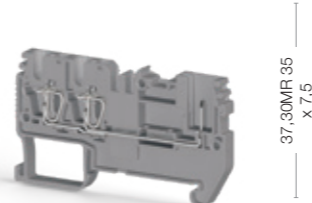
37,30  
MF 35 x 7,5

Cat No: 51,60

- 310 109
- 310 100
- 310 101

**CTP 2.5 E**

Width: 5,2 mm



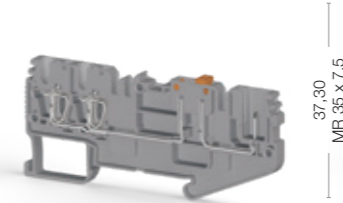
37,30  
MF 35 x 7,5

Cat No: 65,00

- 310 139
- 310 130
- 310 131

**CTP 2.5 EA**

Width: 5,2 mm



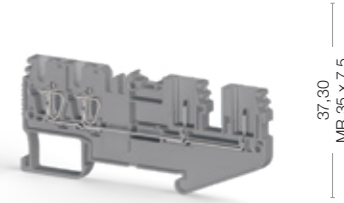
37,30  
MF 35 x 7,5

Cat No: 85,50

- 310 159

**CTP 2.5 C**

Width: 5,2 mm



37,30  
MF 35 x 7,5

Cat No: 85,60

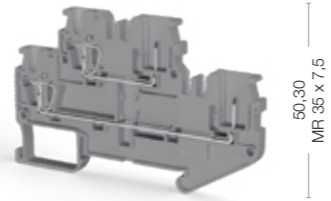
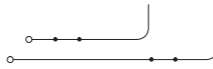
- 310 149



Electrical Ratings	310 129			310 109			310 139			310 159			310 149		
CE (IEC 61984 / IEC 60947-7-1)	500 V / 24 A / 2.5mm <sup>2</sup>			500 V / 24 A / 2.5mm <sup>2</sup>			500 V / 24 A / 2.5mm <sup>2</sup>			400 V / 20 A / 2.5mm <sup>2</sup>			500 V / 24 A / 2.5mm <sup>2</sup>		
<b>Connection Data</b>															
Conductor cross section solid (min.-max.)	0,08 - 4 mm <sup>2</sup>			0,08 - 4 mm <sup>2</sup>			0,08 - 4 mm <sup>2</sup>			0,08 - 4 mm <sup>2</sup>			0,08 - 4 mm <sup>2</sup>		
Conductor cross section stranded (min.-max.)	0,14 - 2,5 mm <sup>2</sup>			0,14 - 2,5 mm <sup>2</sup>			0,14 - 2,5 mm <sup>2</sup>			0,14 - 2,5 mm <sup>2</sup>			0,14 - 2,5 mm <sup>2</sup>		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm <sup>2</sup>			0,5 mm <sup>2</sup>			0,5 mm <sup>2</sup>			0,5 mm <sup>2</sup>			0,5 mm <sup>2</sup>		
AWG Conductor	28-12			28-12			28-12			28-12			28-12		
Insulation Stripping Length (min.-max.)	8-10 mm			8-10 mm			8-10 mm			8-10 mm			8-10 mm		
<b>End Plate</b>	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.
	NPP/CTP 2,5	451 059	50	NPP/PTP 2,5	451 059	50				NPP/CTP 2,5 EA	451 099	50	NPP/CTP 2,5 C	451 099	50
<b>Cross Connection</b>	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.	Type	Cat.No.	Qty.
	CS 2,5 / 2	470 102	25	CS 2,5 / 2	470 102	25	CS 2,5 / 2	470 102	25	CS 2,5 / 2	470 102	25	CS 2,5 / 2	470 102	25
	CS 2,5 / 3	470 103	20	CS 2,5 / 3	470 103	20	CS 2,5 / 3	470 103	20	CS 2,5 / 3	470 103	20	CS 2,5 / 3	470 103	20
	CS 2,5 / 4	470 104	15	CS 2,5 / 4	470 104	15	CS 2,5 / 4	470 104	15	CS 2,5 / 4	470 104	15	CS 2,5 / 4	470 104	15
	CS 2,5 / 5	470 105	10	CS 2,5 / 5	470 105	10	CS 2,5 / 5	470 105	10	CS 2,5 / 5	470 105	10	CS 2,5 / 5	470 105	10
	CS 2,5 / 10	470 109	5	CS 2,5 / 10	470 109	5	CS 2,5 / 10	470 109	5	CS 2,5 / 10	470 109	5	CS 2,5 / 10	470 109	5
<b>Technical Data</b>	6/3			6/3			6/3			6/3			6/3		
Rated Impulse Voltage / Pollution severity	1/A3			1/NA			1/A3			1/A3			1/A3		
Insulation material group / Gauge pin code according to IEC 60947-1	IP 20 / -			IP 20 / -			IP 20 / -			IP 20 / -			IP 20 / -		
Protection class / Protection conductor type															
<b>Marking Tags (Dekafix)</b>	D_NS 5,2x6, SLF-P1 W			D_NS 5,2x6, SLF-P1 W			D_NS 5,2x6, SLF-P1 W			D_NS 5,2x6, SLF-P1 W			D_NS 5,2x6, SLF-P1 W		
See pages 326-333 for a list of Dekafix															
<b>Package Quantity</b>	50			50			50			50			50		

**CTP 2.5-2F**

Width: 5,2 mm

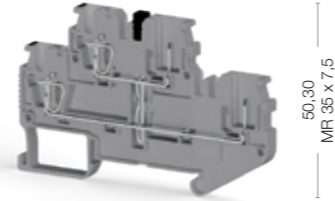


50,30  
MF 35 x 7,5

Cat No: 79,20

**CTP 2.5-2FK**

Width: 5,2 mm

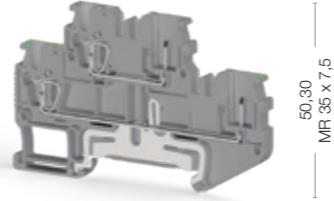
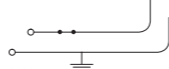


50,30  
MF 35 x 7,5

Cat No: 310 179

**CTP 2.5-FT**

Width: 5,2 mm

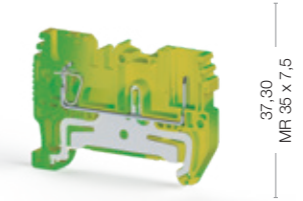
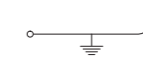


50,30  
MF 35 x 7,5

Cat No: 310 189

**CTP 2.5 T**

Width: 5,2 mm

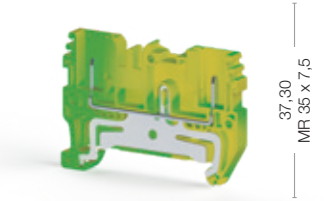
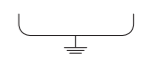


37,30  
MF 35 x 7,5

Cat No: 337 040

**PTP 2.5 T**

Width: 5,2 mm



37,30  
MF 35 x 7,5

Cat No: 337 020

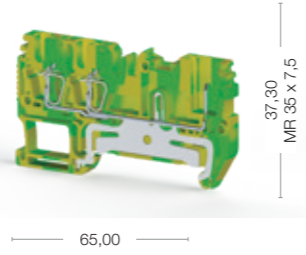


- 310 169
- 310 160
- 310 161

Electrical Ratings	500 V / 24 A / 2.5mm <sup>2</sup>			500 V / 24 A / 2.5mm <sup>2</sup>			500 V / 24 A / 2.5mm <sup>2</sup> - V / - A / 2.5mm <sup>2</sup>			- V / - A / 2.5mm <sup>2</sup>			- V / - A / 2.5mm <sup>2</sup>		
Connection Data	0,08 - 4 mm <sup>2</sup>			0,08 - 4 mm <sup>2</sup>			0,08 - 4 mm <sup>2</sup>			0,08 - 4 mm <sup>2</sup>			0,08 - 4 mm <sup>2</sup>		
Conductor cross section solid (min.-max.)	0,14 - 2,5 mm <sup>2</sup>			0,14 - 2,5 mm <sup>2</sup>			0,14 - 2,5 mm <sup>2</sup>			0,14 - 2,5 mm <sup>2</sup>			0,14 - 2,5 mm <sup>2</sup>		
Conductor cross section stranded (min.-max.)	0,5 mm <sup>2</sup>			0,5 mm <sup>2</sup>			0,5 mm <sup>2</sup>			0,5 mm <sup>2</sup>			0,5 mm <sup>2</sup>		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	28-12			28-12			28-12			28-12			28-12		
AWG Conductor	8-10 mm			8-10 mm			8-10 mm			8-10 mm			8-10 mm		
Insulation Stripping Length (min.-max.)	Type			Type			Type			Type			Type		
End Plate	NPP/CTP 2,5-2F			NPP/CTP 2,5-2FK			NPP/CTP 2,5-2FT			NPP/CTP 2,5 T			NPP/PTP 2,5 T		
	Cat.No.	Qty.	Cat.No.	Qty.	Cat.No.	Qty.	Cat.No.	Qty.	Cat.No.	Qty.	Cat.No.	Qty.	Cat.No.	Qty.	
	451 079	25	451 079	25	451 079	25	451 052T	50	451 052T	50	451 052T	50	451 052T	50	
Cross Connection	Type			Type			Type			Type			Type		
	CS 2,5 / 2	470 102	25	CS 2,5 / 2	470 102	25	CS 2,5 / 2	470 102	25	CS 2,5 / 2	470 102	25	CS 2,5 / 2	470 102	25
	CS 2,5 / 3	470 103	20	CS 2,5 / 3	470 103	20	CS 2,5 / 3	470 103	20	CS 2,5 / 3	470 103	20	CS 2,5 / 3	470 103	20
	CS 2,5 / 4	470 104	15	CS 2,5 / 4	470 104	15	CS 2,5 / 4	470 104	15	CS 2,5 / 4	470 104	15	CS 2,5 / 4	470 104	15
	CS 2,5 / 5	470 105	10	CS 2,5 / 5	470 105	10	CS 2,5 / 5	470 105	10	CS 2,5 / 5	470 105	10	CS 2,5 / 5	470 105	10
	CS 2,5 / 10	470 109	5	CS 2,5 / 10	470 109	5	CS 2,5 / 10	470 109	5	CS 2,5 / 10	470 109	5	CS 2,5 / 10	470 109	5
Technical Data	6/3			6/3			6/3			6/3			6/3		
Rated Impulse Voltage / Pollution severity	1/A3			1/A3			1/A3			1/A3			1/NA		
Insulation material group / Gauge pin code according to IEC 60947-1	IP 20 / -			IP 20 / -			IP 20 / - / PE			IP 20 / PE			IP 20 / PE		
Protection class / Protection conductor type	D_NS 5,2x6, SLF-P2 W			D_NS 5,2x6, SLF-P2 W			D_NS 5,2x6, SLF-P2 W			D_NS 5,2x6, SLF-P1 W			D_NS 5,2x6, SLF-P1 W		
Marking Tags (Dekafix)	50			50			50			50			50		
Package Quantity	50			50			50			50			50		

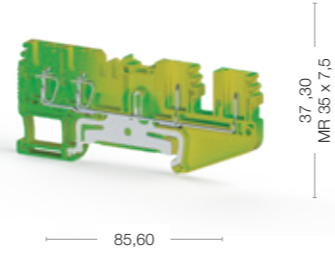
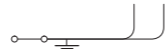
**CTP 2.5 ET**

Width: 5,2 mm



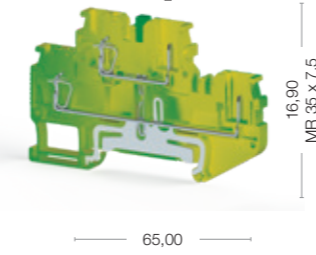
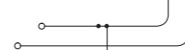
**CTP 2.5 CT**

Width: 5,2 mm



**CTP 2.5-2T**

Width: 5,2 mm



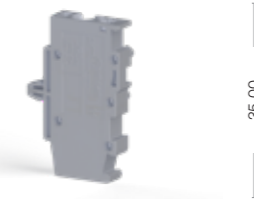
**SC-PTR 2.5**

Width: 5,2 mm



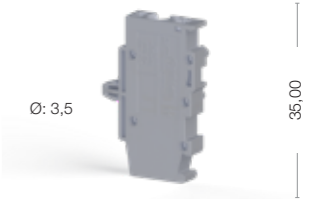
**SC-PT 2.5**

Width: 5,2 mm



**SC-PTS 2.5**

Width: 5,2 mm



Cat No:

337 050

<b>Electrical Ratings</b>	
CE (IEC 61984 / IEC 60947-7-1)	V / A / 2.5mm <sup>2</sup>

<b>Connection Data</b>	
Conductor cross section solid (min.-max.)	0,08 - 4 mm <sup>2</sup>
Conductor cross section stranded (min.-max.)	0,14 - 2,5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm <sup>2</sup>
AWG Conductor	28-12
Insulation Stripping Length (min.-max.)	8-10 mm

Type	Cat.No.	Qty.
NPP/CTP 2,5-ET	451 082T	50

<b>Technical Data</b>	
Rated Impulse Voltage / Pollution severity	6/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3
Protection class / Protection conductor type	IP 20 / PE

<b>Marking Tags (Dekafix)</b>	
See pages 326-333 for a list of Dekafix	D_NS 5,2x6, SLF-P1 W

<b>Package Quantity</b>	50
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Cat No:

337 060

<b>Electrical Ratings</b>	
V / A / 2.5mm <sup>2</sup>	V / A / 2.5mm <sup>2</sup>

<b>Connection Data</b>	
Conductor cross section solid (min.-max.)	0,08 - 4 mm <sup>2</sup>
Conductor cross section stranded (min.-max.)	0,14 - 2,5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm <sup>2</sup>
AWG Conductor	28-12
Insulation Stripping Length (min.-max.)	8-10 mm

Type	Cat.No.	Qty.
NPP/CTP 2,5-CT	451 092T	50

<b>Technical Data</b>	
Rated Impulse Voltage / Pollution severity	6/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3
Protection class / Protection conductor type	IP 20 / PE

<b>Marking Tags (Dekafix)</b>	
See pages 326-333 for a list of Dekafix	D_NS 5,2x6, SLF-P1 W

<b>Package Quantity</b>	50
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Cat No:

337 070

<b>Electrical Ratings</b>	
V / A / 2.5mm <sup>2</sup>	V / A / 2.5mm <sup>2</sup>

<b>Connection Data</b>	
Conductor cross section solid (min.-max.)	0,08 - 4 mm <sup>2</sup>
Conductor cross section stranded (min.-max.)	0,14 - 2,5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm <sup>2</sup>
AWG Conductor	28-12
Insulation Stripping Length (min.-max.)	8-10 mm

Type	Cat.No.	Qty.
NPP/CTP 2,5-2T	451 072T	25

<b>Technical Data</b>	
Rated Impulse Voltage / Pollution severity	6/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3
Protection class / Protection conductor type	IP 20 / PE

<b>Marking Tags (Dekafix)</b>	
See pages 326-333 for a list of Dekafix	D_NS 5,2x6, SLF-P2 W

<b>Package Quantity</b>	50
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Cat No:

- 310 949
- 310 940
- 310 941

<b>Electrical Ratings</b>	
500 V / 20 A / 2.5mm <sup>2</sup>	500 V / 20 A / 2.5mm <sup>2</sup>

<b>Connection Data</b>	
Conductor cross section solid (min.-max.)	0,08 - 4 mm <sup>2</sup>
Conductor cross section stranded (min.-max.)	0,14 - 2,5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm <sup>2</sup>
AWG Conductor	28-12
Insulation Stripping Length (min.-max.)	8-10 mm

Type	Cat.No.	Qty.
NPP SC-PT 2,5	451 119	50

<b>Technical Data</b>	
Rated Impulse Voltage / Pollution severity	6/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3
Protection class / Protection conductor type	IP 20 / -

<b>Marking Tags (Dekafix)</b>	
See pages 326-333 for a list of Dekafix	D_NS 5,2x6, SLF-P2 W

<b>Package Quantity</b>	50
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• Can be used with Klemsan products only

Cat No:

- 310 929
- 310 920
- 310 921

<b>Electrical Ratings</b>	
500 V / 24 A / 2.5mm <sup>2</sup>	500 V / 24 A / 2.5mm <sup>2</sup>

<b>Connection Data</b>	
Conductor cross section solid (min.-max.)	0,08 - 4 mm <sup>2</sup>
Conductor cross section stranded (min.-max.)	0,14 - 2,5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm <sup>2</sup>
AWG Conductor	28-12
Insulation Stripping Length (min.-max.)	8-10 mm

Type	Cat.No.	Qty.
NPP SC-PT 2,5	451 119	50

<b>Technical Data</b>	
Rated Impulse Voltage / Pollution severity	6/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3
Protection class / Protection conductor type	IP 20 / -

<b>Marking Tags (Dekafix)</b>	
See pages 326-333 for a list of Dekafix	D_NS 5,2x6, SLF-P2 W

<b>Package Quantity</b>	50
-------------------------	----

• Can be used with Klemsan products only

Cat No:

- 310 939
- 310 930
- 310 931

<b>Electrical Ratings</b>	
500 V / 24 A / 2.5mm <sup>2</sup>	500 V / 24 A / 2.5mm <sup>2</sup>

<b>Connection Data</b>	
Conductor cross section solid (min.-max.)	0,08 - 4 mm <sup>2</sup>
Conductor cross section stranded (min.-max.)	0,14 - 2,5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm <sup>2</sup>
AWG Conductor	28-12
Insulation Stripping Length (min.-max.)	8-10 mm

Type	Cat.No.	Qty.
NPP SC-PT 2,5	451 119	50

<b>Technical Data</b>	
Rated Impulse Voltage / Pollution severity	6/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3
Protection class / Protection conductor type	IP 20 / -

<b>Marking Tags (Dekafix)</b>	
See pages 326-333 for a list of Dekafix	D_NS 5,2x6, SLF-P2 W

<b>Package Quantity</b>	50
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• Can be used with Klemsan products only

# Series Terminals

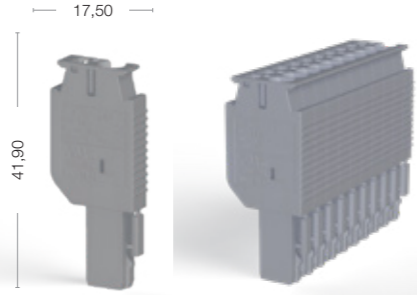
CTP: Clamp to Pin,  
PTP: Pin to Pin

• Can be used with Klemmsan products only



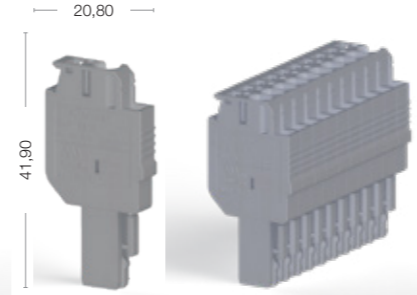
## SG-PT 2.5

Width: 5,2 mm



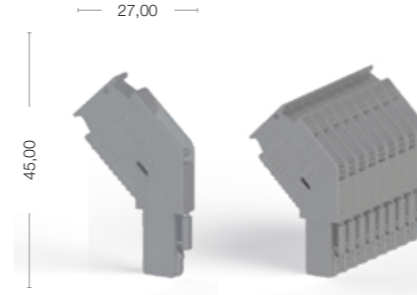
## SG-PT 2.5 CS

Width: 5,2 mm



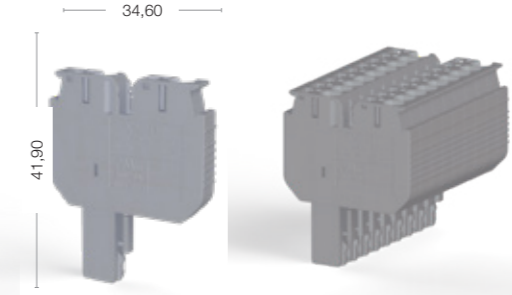
## SG-PT 2.5 AN

Width: 5,2 mm



## SG-PT 2.5 DB

Width: 5,2 mm



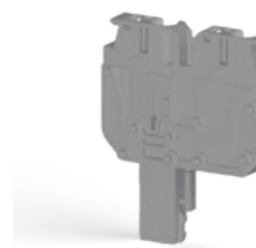
Electrical Ratings	SG-PT 2.5			SG-PT 2.5 CS			SG-PT 2.5 AN			SG-PT 2.5 DB																																																																																																																																																																																																																																																		
CE (IEC 61984 / IEC 60947-7-1)	500V / 24A / 2.5mm <sup>2</sup>			500V / 24A / 2.5mm <sup>2</sup>			500V / 24A / 2.5mm <sup>2</sup>			500V / 24A / 2.5mm <sup>2</sup>																																																																																																																																																																																																																																																		
<b>Connection Data</b>																																																																																																																																																																																																																																																												
Conductor cross section solid (min.-max.)	0,08 - 4 mm <sup>2</sup>			0,08 - 4 mm <sup>2</sup>			0,08 - 4 mm <sup>2</sup>			0,08 - 4 mm <sup>2</sup>																																																																																																																																																																																																																																																		
Conductor cross section stranded (min.-max.)	0,14 - 2,5 mm <sup>2</sup>			0,14 - 2,5 mm <sup>2</sup>			0,14 - 2,5 mm <sup>2</sup>			0,14 - 2,5 mm <sup>2</sup>																																																																																																																																																																																																																																																		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm <sup>2</sup>			0,5 mm <sup>2</sup>			0,5 mm <sup>2</sup>			0,5 mm <sup>2</sup>																																																																																																																																																																																																																																																		
AWG Conductor	28-12			28-12			28-12			28-12																																																																																																																																																																																																																																																		
Insulation Stripping Length (min.-max.)	8-10 mm			8-10 mm			8-10 mm			8-10 mm																																																																																																																																																																																																																																																		
<b>Cross Connection</b>				<table border="1"> <thead> <tr> <th>Type</th> <th>Cat.No.</th> <th>Qty.</th> </tr> </thead> <tbody> <tr> <td>CS 2,5 / 2</td> <td>470 102</td> <td>25</td> </tr> <tr> <td>CS 2,5 / 3</td> <td>470 103</td> <td>20</td> </tr> <tr> <td>CS 2,5 / 4</td> <td>470 104</td> <td>15</td> </tr> <tr> <td>CS 2,5 / 5</td> <td>470 105</td> <td>10</td> </tr> <tr> <td>CS 2,5 / 10</td> <td>470 109</td> <td>5</td> </tr> </tbody> </table>			Type	Cat.No.	Qty.	CS 2,5 / 2	470 102	25	CS 2,5 / 3	470 103	20	CS 2,5 / 4	470 104	15	CS 2,5 / 5	470 105	10	CS 2,5 / 10	470 109	5							<table border="1"> <thead> <tr> <th>Type</th> <th>Cat.No.</th> <th>Qty.</th> </tr> </thead> <tbody> <tr> <td>CS 2,5 / 2</td> <td>470 102</td> <td>25</td> </tr> <tr> <td>CS 2,5 / 3</td> <td>470 103</td> <td>20</td> </tr> <tr> <td>CS 2,5 / 4</td> <td>470 104</td> <td>15</td> </tr> <tr> <td>CS 2,5 / 5</td> <td>470 105</td> <td>10</td> </tr> <tr> <td>CS 2,5 / 10</td> <td>470 109</td> <td>5</td> </tr> </tbody> </table>			Type	Cat.No.	Qty.	CS 2,5 / 2	470 102	25	CS 2,5 / 3	470 103	20	CS 2,5 / 4	470 104	15	CS 2,5 / 5	470 105	10	CS 2,5 / 10	470 109	5																																																																																																																																																																																																									
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CS 2,5 / 3	470 103	20																																																																																																																																																																																																																																																										
CS 2,5 / 4	470 104	15																																																																																																																																																																																																																																																										
CS 2,5 / 5	470 105	10																																																																																																																																																																																																																																																										
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CS 2,5 / 4	470 104	15																																																																																																																																																																																																																																																										
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CS 2,5 / 10	470 109	5																																																																																																																																																																																																																																																										
<b>Technical Data</b>																																																																																																																																																																																																																																																												
Rated Impulse Voltage / Pollution severity	6/3			6/3			6/3			6/3																																																																																																																																																																																																																																																		
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3			1/A3			1/A3			1/A3																																																																																																																																																																																																																																																		
Protection class / Protection conductor type	IP 20 / -			IP 20 / -			IP 20 / -			IP 20 / -																																																																																																																																																																																																																																																		
<b>Ordering Data</b>	<table border="1"> <thead> <tr> <th>Type</th> <th>Cat. 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SG-PT 2.5AN-1 L



SG-PT 2.5GAN-1M



SG-PT 2.5GDB-1M

• Can be used with Klemmsan products only

Just combine single units of L-R products for left and right ends, add desired quantities of M products in-between to make your custom sockets.

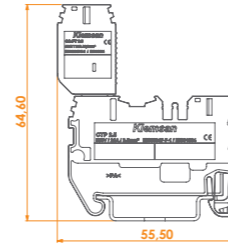


Marking Tags (Dekafix):  
See pages 326-333 for usage of Dekafix / D\_NS 5,2x6, SLF-P2 W

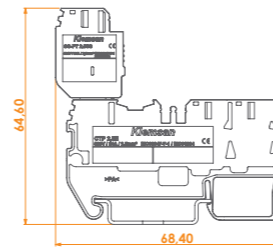
Type		Compatible Products
<b>Socket Locks</b>		
SG-L 469 005 50 Qty.		SG-PT 2.5 SG-PT 2.5CS SG-PT 2.5AN SG-PT 2.5DB
SG-L2 469 015 50 Qty.		
<b>Pin Lock</b>		
SG-N 469 027 50 Qty.		CTP 2.5 PTP 2.5 CTP 2.5E CTP 2.5EA CTP 2.5C CTP 2.5-2F CTP 2.5-2FK CTP 2.5-FT CTP 2.5T PTP 2.5T CTP 2.5ET CTP 2.5CT CTP 2.5-2T
<b>Cable Tie Holder</b>		
SG-P 469 035 100 Qty.		SG-PT 2.5 SG-PT 2.5CS SG-PT 2.5AN SG-PT 2.5DB
<b>Cross-Connection</b>		
SRD K2.5 470 201 100 Qty.		CTP 2.5-2F CTP 2.5-FT
SRD K2.5 470 202 100 Qty.		
<b>Seperation Plates</b>		
APP/SRD CTP 2.5 464 029 50 Qty.		CTP 2.5 PTP 2.5 CTP 2.5T PTP 2.5T
APP/CTP 2.5E 464 039 50 Qty.		CTP 2.5E
APP/CTP 2.5C 464 049 50 Qty.		CTP 2.5C
APP/SRD CTP 2.5-2F 464 069 25 Qty.		CTP 2.5-2FK CTP 2.5-FT CTP 2.5-2F CTP 2.5-2T
<b>End Brackets</b>		
KD 3 495 049		CTP 2.5 PTP 2.5 CTP 2.5E CTP 2.5EA CTP 2.5C CTP 2.5-2F CTP 2.5-2FK CTP 2.5-FT CTP 2.5T PTP 2.5T CTP 2.5ET CTP 2.5CT CTP 2.5-2T
KD 4 495 059		

Type		Compatible Products
<b>Rails</b>		
MR35X7.5 (1m) 500 601 20 Qty.		CTP 2.5 PTP 2.5 CTP 2.5E CTP 2.5EA CTP 2.5C CTP 2.5-2F CTP 2.5-2FK CTP 2.5-FT CTP 2.5T PTP 2.5T CTP 2.5ET CTP 2.5CT SC-PTR 2.5
MR35X7.5 Sloted (1m) 500 602 20 Qty.		
MR35X15 (1m) 500 606 10 Qty.		
MR35X15 Sloted (1m) 500 607 10 Qty.		
<b>Marking</b>		
SLF-P1 W 1020 100 1 Qty.		CTP 2.5 PTP 2.5 CTP 2.5E CTP 2.5EA CTP 2.5C CTP 2.5T PTP 2.5T CTP 2.5ET CTP 2.5CT
DG 6/5 505 330 440 Qty.		Compatible with all StoP products.
D-NS 5,2x6 810 450 720 Qty.		Compatible with all StoP products.
<b>Test Plug</b>		
TF02 493 020 50 Qty.		CTP 2.5 CTP 2.5E CTP 2.5EA CTP 2.5C CTP 2.5-2F CTP 2.5-2FK CTP 2.5-FT CTP 2.5T CTP 2.5ET CTP 2.5CT CTP 2.5-2T SG-PT 2.5 SG-PT 2.5CS SG-PT 2.5AN SG-PT 2.5DB
<b>Screwdriver</b>		
KT 1 (0,4x2.5) 560 010 10 Qty.		Compatible with all StoP products.

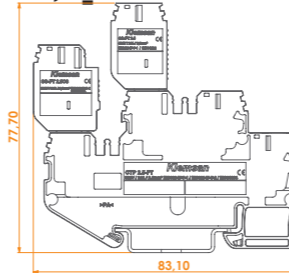
**CTP 2,5**



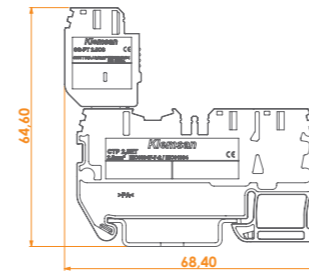
**CTP 2,5E**



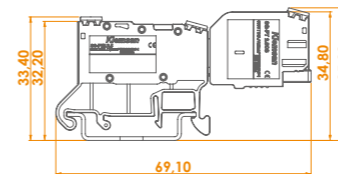
**CTP 2,5\_2FT**



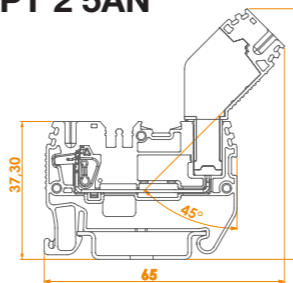
**CTP 2,5ET**



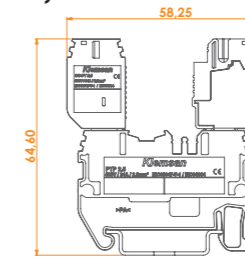
**SC-PTR 2,5**



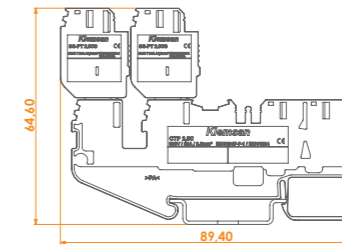
**SC\_PT 2 5AN**



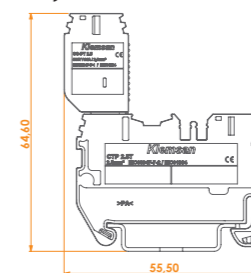
**PTP 2,5**



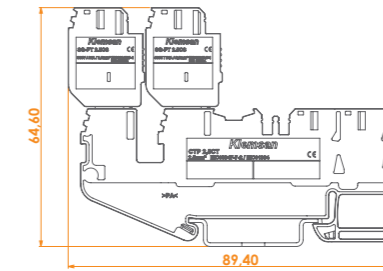
**CTP 2,5C**



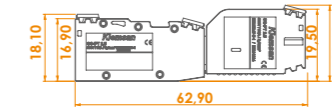
**CTP 2,5T**



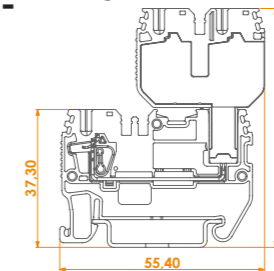
**CTP 2,5CT**



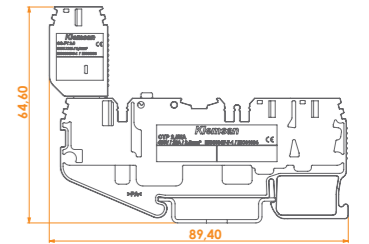
**SC-PT 2,5**



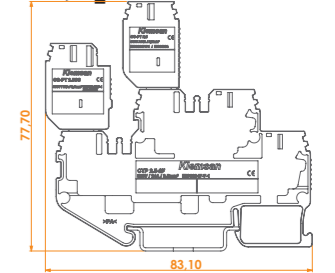
**SG\_PT 2 5DB**



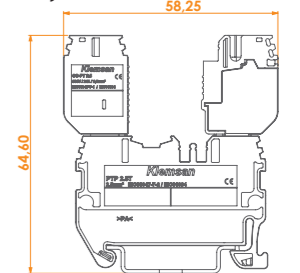
**CTP 2,5EA**



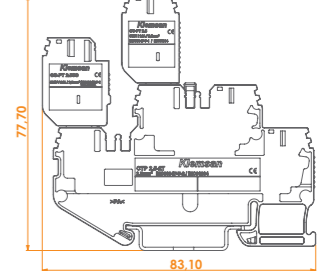
**CTP 2,5 2F**



**PTP 2,5T**



**CTP 2,5 2T**



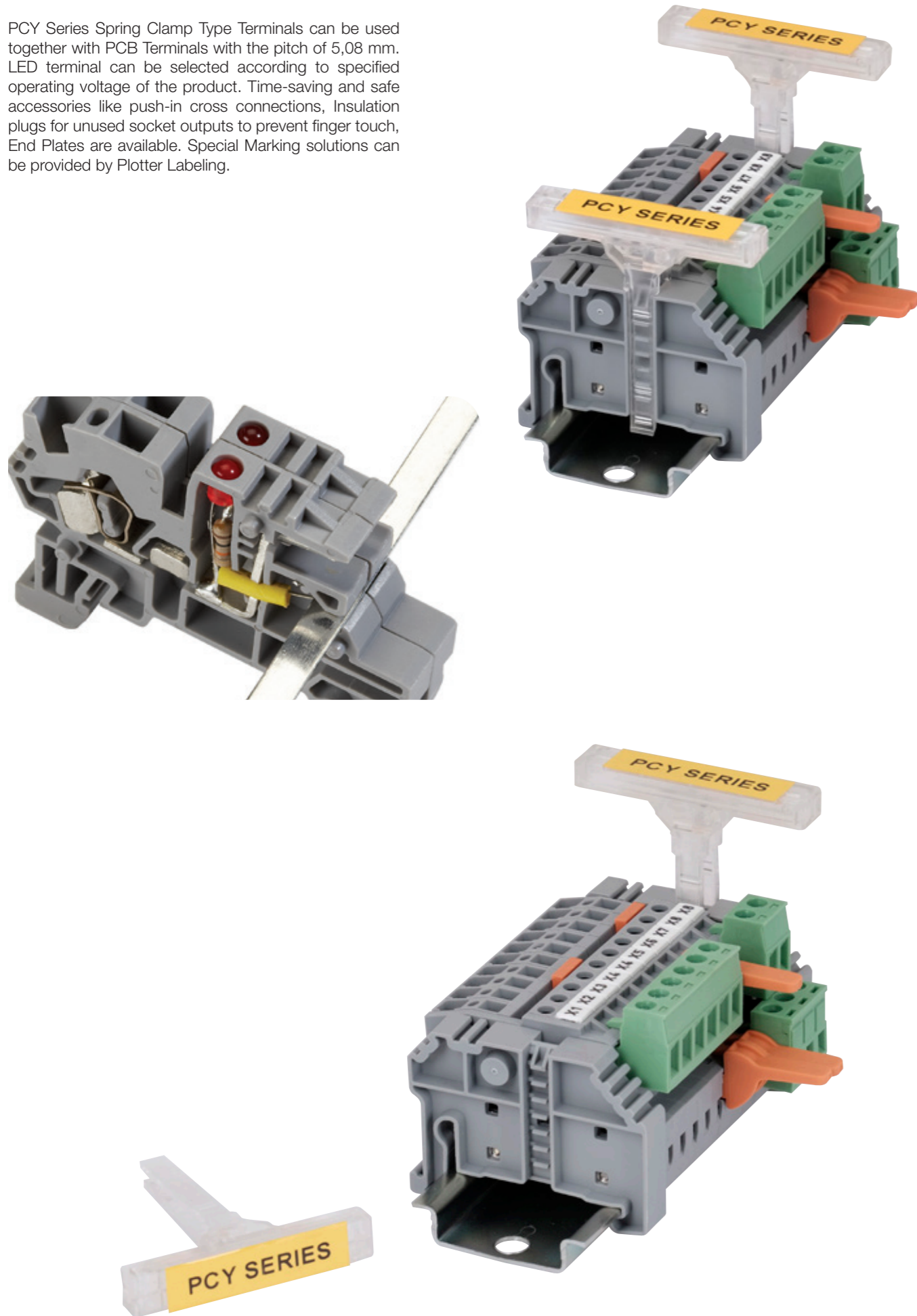
**SC-PTS 2,5**



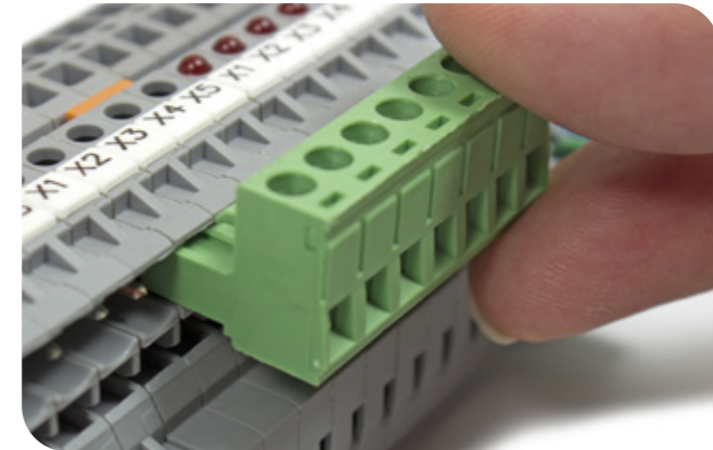
\* All dimensions shown are in millimeters.

## PCY Series Terminals

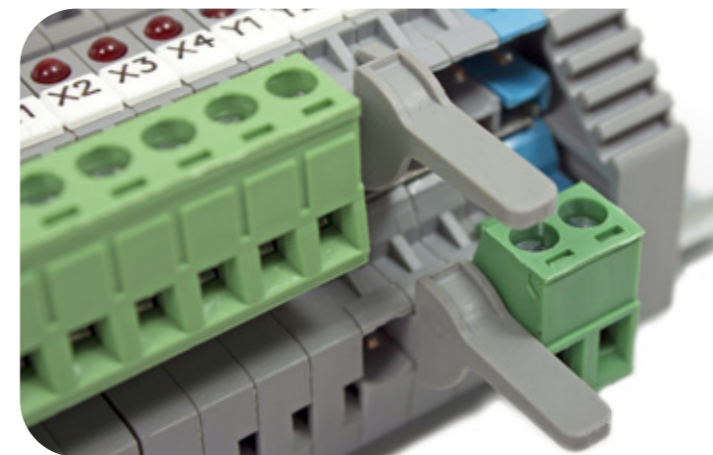
PCY Series Spring Clamp Type Terminals can be used together with PCB Terminals with the pitch of 5,08 mm. LED terminal can be selected according to specified operating voltage of the product. Time-saving and safe accessories like push-in cross connections, Insulation plugs for unused socket outputs to prevent finger touch, End Plates are available. Special Marking solutions can be provided by Plotter Labeling.



## AVK 2,5 PC Series Terminals



AVK 2,5PC Screw Type Terminals can be used together with PCB Terminals with the pitch of 5,08 mm. Time-saving and safe accessories like comb and screw type cross connections, Insulation plugs for unused socket outputs to prevent finger touch, End Plates are available. Special Marking solutions can be provided by Plotter Labeling.

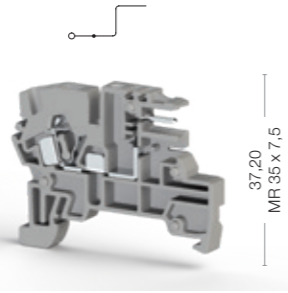




# PCY Type Terminals for PCB Connection

## PCY 2,5

Width: 5,05 mm



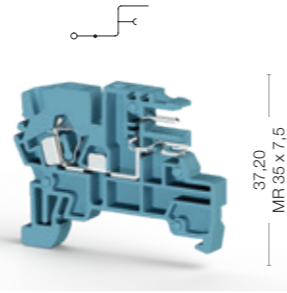
47,40

Cat No:

- 364 019
- 364 010

## PCY 2,5 N

Width: 5,05 mm



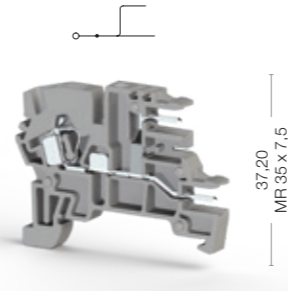
47,40

Cat No:

- 364 080

## PCY 2,5 E

Width: 5,05 mm



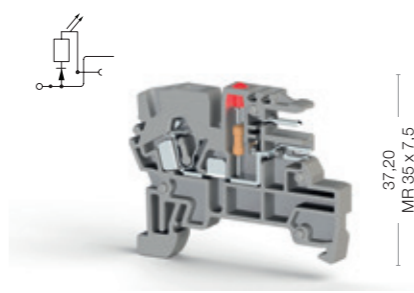
47,40

Cat No:

- 364 059
- 364 050

## PCY 2,5 L

Width: 5,05 mm



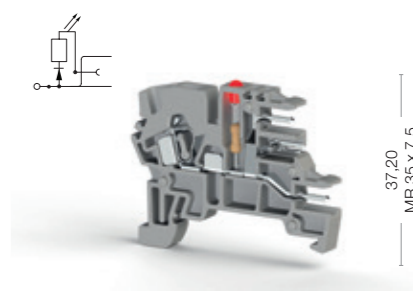
47,40

Cat No:

- 364 029
- 364 020

## PCY 2,5 EL

Width: 5,05 mm



47,40

Cat No:

- 364 069
- 364 060



Electrical Ratings
CE (EN 60947-7-1)
UL
VDE (IEC 60947-7-1)
CSA
ATEX

Connection Data	
Conductor cross section solid (min.-max.)	0,08-4 mm <sup>2</sup>
Conductor cross section stranded (min.-max.)	0,08-2,5 mm <sup>2</sup>
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	0,5 mm <sup>2</sup>
AWG Conductor	AWG 28-12
Insulation Stripping Length (min.-max.)	9-10 mm
Screwdriver	KT 2 (0,5x3,0)

Ordering Data

End Plate

Isolation Cover	
	Grey
	Beige
	Orange

Push-in Cross Connection

Neutral Bus Bar

Technical Data	
Rated Impulse Voltage / Pollution severity	4/3
Insulation material group / Gauge pin code according to IEC 60947-1	1/A3
Protection class / Protection conductor type	IP 20 / -
Marking Tags (Dekafix)	D_NS 5x6, DB 5, DG 6/5
See pages 326-333 for a list of Dekafix	

Package Quantity
100 pcs.

Voltage, V ~	Current, A	Cross-Section
250	10	2,5 mm <sup>2</sup>
300	10	AWG 22-12

Conductor cross section solid (min.-max.)	Conductor cross section stranded (min.-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	AWG Conductor	Insulation Stripping Length (min.-max.)	Screwdriver
0,08-4 mm <sup>2</sup>	0,08-2,5 mm <sup>2</sup>	0,5 mm <sup>2</sup>	AWG 28-12	9-10 mm	KT 2 (0,5x3,0)

Type	Cat.No.	Qty.
NPP/PCY 2,5	450 199	100

Type	Cat.No.	Qty.
PCY IT	423 099	50
PCY IT	423 090	50
PCY IT	423 097	50

Type	Cat.No.	Qty.
UK 2,5/2	476 222	25
UK 2,5/3	476 223	20
UK 2,5/4	476 224	15
UK 2,5/10	476 229	5

Type	Cat.No.	Qty.
PCY NS	525 400	25

Type	Cat.No.	Qty.
PCY NS	525 400	25

Type	Cat.No.	Qty.
PCY IT	423 099	50
PCY IT	423 090	50
PCY IT	423 097	50

Type	Cat.No.	Qty.
UK 2,5/2	476 222	25
UK 2,5/3	476 223	20
UK 2,5/4	476 224	15
UK 2,5/10	476 229	5

Type	Cat.No.	Qty.
PCY NS	525 400	25

Voltage, V ~	Current, A	Cross-Section
250	10	2,5 mm <sup>2</sup>
300	10	AWG 22-12

Conductor cross section solid (min.-max.)	Conductor cross section stranded (min.-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	AWG Conductor	Insulation Stripping Length (min.-max.)	Screwdriver
0,08-4 mm <sup>2</sup>	0,08-2,5 mm <sup>2</sup>	0,5 mm <sup>2</sup>	AWG 28-12	9-10 mm	KT 2 (0,5x3,0)

Type	Cat.No.	Qty.
NPP/PCY 2,5 N	450 191	100

Type	Cat.No.	Qty.
PCY IT	423 099	50
PCY IT	423 090	50
PCY IT	423 097	50

Type	Cat.No.	Qty.
UK 2,5/2	476 222	25
UK 2,5/3	476 223	20
UK 2,5/4	476 224	15
UK 2,5/10	476 229	5

Type	Cat.No.	Qty.
PCY NS	525 400	25

Type	Cat.No.	Qty.
PCY NS	525 400	25

Type	Cat.No.	Qty.
PCY IT	423 099	50
PCY IT	423 090	50
PCY IT	423 097	50

Type	Cat.No.	Qty.
UK 2,5/2	476 222	25
UK 2,5/3	476 223	20
UK 2,5/4	476 224	15
UK 2,5/10	476 229	5

Type	Cat.No.	Qty.
PCY NS	525 400	25

Voltage, V ~	Current, A	Cross-Section
250	10	2,5 mm <sup>2</sup>
300	10	AWG 22-12

Conductor cross section solid (min.-max.)	Conductor cross section stranded (min.-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	AWG Conductor	Insulation Stripping Length (min.-max.)	Screwdriver
0,08-4 mm <sup>2</sup>	0,08-2,5 mm <sup>2</sup>	0,5 mm <sup>2</sup>	AWG 28-12	9-10 mm	KT 2 (0,5x3,0)

Type	Cat.No.	Qty.
NPP/PCY 2,5	450 199	100

Type	Cat.No.	Qty.
PCY IT	423 099	50
PCY IT	423 090	50
PCY IT	423 097	50

Type	Cat.No.	Qty.
UK 2,5/2	476 222	25
UK 2,5/3	476 223	20
UK 2,5/4	476 224	15
UK 2,5/10	476 229	5

Type	Cat.No.	Qty.
PCY NS	525 400	25

Type	Cat.No.	Qty.
PCY NS	525 400	25

Type	Cat.No.	Qty.
PCY IT	423 099	50
PCY IT	423 090	50
PCY IT	423 097	50

Type	Cat.No.	Qty.
UK 2,5/2	476 222	25
UK 2,5/3	476 223	20
UK 2,5/4	476 224	15
UK 2,5/10	476 229	5

Type	Cat.No.	Qty.
PCY NS	525 400	25

Voltage, V ~	Current, A	Cross-Section
250	10	2,5 mm <sup>2</sup>
300	10	AWG 22-12

Conductor cross section solid (min.-max.)	Conductor cross section stranded (min.-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	AWG Conductor	Insulation Stripping Length (min.-max.)	Screwdriver
0,08-4 mm <sup>2</sup>	0,08-2,5 mm <sup>2</sup>	0,5 mm <sup>2</sup>	AWG 28-12	9-10 mm	KT 2 (0,5x3,0)

Type	Cat.No.	Qty.
NPP/PCY 2,5	450 199	100

Type	Cat.No.	Qty.
PCY IT	423 099	50
PCY IT	423 090	50
PCY IT	423 097	50

Type	Cat.No.	Qty.
UK 2,5/2	476 222	25
UK 2,5/3	476 223	20
UK 2,5/4	476 224	15
UK 2,5/10	476 229	5

Type	Cat.No.	Qty.
PCY NS	525 400	25

Type	Cat.No.	Qty.
PCY NS	525 400	25

Type	Cat.No.	Qty.
PCY IT	423 099	50
PCY IT	423 090	50
PCY IT	423 097	50

Type	Cat.No.	Qty.
UK 2,5/2	476 222	25
UK 2,5/3	476 223	20
UK 2,5/4	476 224	15
UK 2,5/10	476 229	5

Type	Cat.No.	Qty.
PCY NS	525 400	25

Voltage, V ~	Current, A	Cross-Section
250	10	2,5 mm <sup>2</sup>
300	10	AWG 22-12

Conductor cross section solid (min.-max.)	Conductor cross section stranded (min.-max.)	2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve	AWG Conductor	Insulation Stripping Length (min.-max.)	Screwdriver
0,08-4 mm <sup>2</sup>	0,08-2,5 mm <sup>2</sup>	0,5 mm <sup>2</sup>	AWG 28-12	9-10 mm	KT 2 (0,5x3,0)

Type	Cat.No.	Qty.
NPP/PCY 2,5	450 199	100

Type	Cat.No.	Qty.
PCY IT	423 099	50
PCY IT	423 090	50
PCY IT	423 097	50

Type	Cat.No.	Qty.
UK 2,5/2	476 222	25
UK 2,5/3	476 223	20
UK 2,5/4	476 224	15
UK 2,5/10	476 229	5

Type	Cat.No.	Qty.
PCY NS	525 400	25

Type	Cat.No.	Qty.
PCY NS	525 400	25

Type	Cat.No.	Qty.
PCY IT	423 099	50
PCY IT	423 090	50
PCY IT	423 097	50

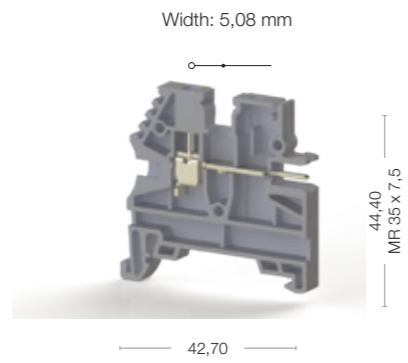
Type	Cat.No.	Qty.
UK 2,5/2	476 222	25
UK 2,5/3	476 223	20
UK 2,5/4	476 224	15
UK 2,5/10	476 229	5

Type	Cat.No.	Qty.
PCY NS	525 400	25

Voltage, V ~	Current, A	Cross-Section
250	10	2,5 mm <sup>2</sup>
300	10	AWG 22-12</

# Screw Type Terminal Blocks for PCB Connection

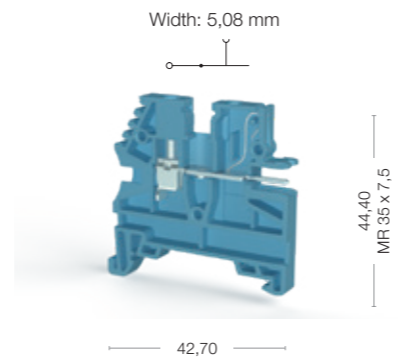
## AVK 2,5 PC



Cat No:

- 364 610
- 364 609

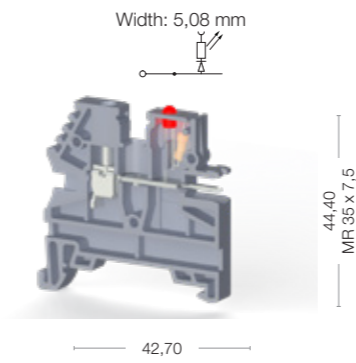
## AVK 2,5 PCN



Cat No:

- 304 621

## AVK 2,5 PCLD/24VDC



Cat No:

- 304 630
- 304 639



Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	250	12	2,5 mm <sup>2</sup>
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Connection Data	Type	Cat.No.	Qty.
Conductor cross section solid (min.-max.)			
Conductor cross section stranded (min.-max.)			
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve			
AWG Conductor			
Insulation Stripping Length (min.-max.)			
Screwdriver			

End Plate	Type	Cat.No.	Qty.
	NPP/AVK 2,5-10	444 120	100

Insulation Cover	Type	Cat.No.	Qty.
	Grey	PCY IT	423 099
	Beige	PCY IT	423 090
	Orange	PCY IT	423 097

Cross Connection	Type	Cat.No.	Qty.
	UK 2,5/2	474 122	25
	UK 2,5/3	474 123	20
	UK 2,5/4	474 124	15
	UK 2,5/10	474 129	5
	UK 2,5/50	474 210	20

Comb Connector	Type	Cat.No.	Qty.
	TKO 2,5/2	476 262	25
	TKO 2,5/3	476 263	20
	TKO 2,5/4	476 264	15
	TKO 2,5/10	476 269	5

Neutral Busbar	Type	Cat.No.	Qty.
	PCY NS	525 400	25

Technical Data	Type	Cat.No.	Qty.
Rated Impulse Voltage / Pollution severity			
Insulation material group / Gauge pin code according to IEC 60947-1			
Protection class / Protection conductor type			
Marking Tags (Dekafix)			
See pages 326-333 for a list of Dekafix			

Package Quantity	Type	Cat.No.	Qty.

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	250	12	2,5 mm <sup>2</sup>
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Connection Data	Type	Cat.No.	Qty.
Conductor cross section solid (min.-max.)			
Conductor cross section stranded (min.-max.)			
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve			
AWG Conductor			
Insulation Stripping Length (min.-max.)			
Screwdriver			

End Plate	Type	Cat.No.	Qty.
	NPP/AVK 2,5-10	444 120	100

Insulation Cover	Type	Cat.No.	Qty.
	Grey	PCY IT	423 099
	Beige	PCY IT	423 090
	Orange	PCY IT	423 097

Cross Connection	Type	Cat.No.	Qty.
	UK 2,5/2	474 122	25
	UK 2,5/3	474 123	20
	UK 2,5/4	474 124	15
	UK 2,5/10	474 129	5
	UK 2,5/50	474 210	20

Comb Connector	Type	Cat.No.	Qty.
	TKO 2,5/2	476 262	25
	TKO 2,5/3	476 263	20
	TKO 2,5/4	476 264	15
	TKO 2,5/10	476 269	5

Neutral Busbar	Type	Cat.No.	Qty.
	PCY NS	525 400	25

Technical Data	Type	Cat.No.	Qty.
Rated Impulse Voltage / Pollution severity			
Insulation material group / Gauge pin code according to IEC 60947-1			
Protection class / Protection conductor type			
Marking Tags (Dekafix)			
See pages 326-333 for a list of Dekafix			

Package Quantity	Type	Cat.No.	Qty.

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	250	12	2,5 mm <sup>2</sup>
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Connection Data	Type	Cat.No.	Qty.
Conductor cross section solid (min.-max.)			
Conductor cross section stranded (min.-max.)			
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve			
AWG Conductor			
Insulation Stripping Length (min.-max.)			
Screwdriver			

End Plate	Type	Cat.No.	Qty.
	NPP/AVK 2,5-10	444 120	100

Insulation Cover	Type	Cat.No.	Qty.
	Grey	PCY IT	423 099
	Beige	PCY IT	423 090
	Orange	PCY IT	423 097

Cross Connection	Type	Cat.No.	Qty.
	UK 2,5/2	474 122	25
	UK 2,5/3	474 123	20
	UK 2,5/4	474 124	15
	UK 2,5/10	474 129	5
	UK 2,5/50	474 210	20

Comb Connector	Type	Cat.No.	Qty.
	TKO 2,5/2	476 262	25
	TKO 2,5/3	476 263	20
	TKO 2,5/4	476 264	15
	TKO 2,5/10	476 269	5

Neutral Busbar	Type	Cat.No.	Qty.
	PCY NS	525 400	25

Technical Data	Type	Cat.No.	Qty.
Rated Impulse Voltage / Pollution severity			
Insulation material group / Gauge pin code according to IEC 60947-1			
Protection class / Protection conductor type			
Marking Tags (Dekafix)			
See pages 326-333 for a list of Dekafix			

Package Quantity	Type	Cat.No.	Qty.

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	24	12	2,5 mm <sup>2</sup>
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Connection Data	Type	Cat.No.	Qty.
Conductor cross section solid (min.-max.)			
Conductor cross section stranded (min.-max.)			
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve			
AWG Conductor			
Insulation Stripping Length (min.-max.)			
Screwdriver			

End Plate	Type	Cat.No.	Qty.
	NPP/AVK 2,5-10	444 120	100

Insulation Cover	Type	Cat.No.	Qty.
	Grey	PCY IT	423 099
	Beige	PCY IT	423 090
	Orange	PCY IT	423 097

Cross Connection	Type	Cat.No.	Qty.
	UK 2,5/2	474 122	25
	UK 2,5/3	474 123	20
	UK 2,5/4	474 124	15
	UK 2,5/10	474 129	5
	UK 2,5/50	474 210	20

Comb Connector	Type	Cat.No.	Qty.
	TKO 2,5/2	476 262	25
	TKO 2,5/3	476 263	20
	TKO 2,5/4	476 264	15
	TKO 2,5/10	476 269	5

Neutral Busbar	Type	Cat.No.	Qty.
	PCY NS	525 400	25

Technical Data	Type	Cat.No.	Qty.
Rated Impulse Voltage / Pollution severity			
Insulation material group / Gauge pin code according to IEC 60947-1			
Protection class / Protection conductor type			
Marking Tags (Dekafix)			
See pages 326-333 for a list of Dekafix			

Package Quantity	Type	Cat.No.	Qty.

Electrical Ratings	Voltage, V ~	Current, A	Cross-Section
CE (EN 60947-7-1)	24	12	2,5 mm <sup>2</sup>
UL			
VDE (IEC 60947-7-1)			
CSA			
ATEX			

Connection Data	Type	Cat.No.	Qty.
Conductor cross section solid (min.-max.)			
Conductor cross section stranded (min.-max.)			
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve			
AWG Conductor			
Insulation Stripping Length (min.-max.)			
Screwdriver			

End Plate	Type	Cat.No.	Qty.
	NPP/AVK 2,5-10	444 120	100

Insulation Cover	Type	Cat.No.	Qty.
	Grey	PCY IT	423 099
	Beige	PCY IT	423 090
	Orange	PCY IT	423 097

Cross Connection	Type	Cat.No.	Qty.
	UK 2,5/2	474 122	25
	UK 2,5/3	474 123	20
	UK 2,5/4	474 124	15
	UK 2,5/10	474 129	5
	UK 2,5/50	474 210	20

Comb Connector	Type	Cat.No.	Qty.
	TKO 2,5/2	476 262	25
	TKO 2,5/3	476 263	20
	TKO 2,5/4	476 264	15
	TKO 2,5/10	476 269	5

Neutral Busbar	Type	Cat.No.	Qty.
	PCY NS	525 400	25

Technical Data	Type	Cat.No.	Qty.
Rated Impulse Voltage / Pollution severity			
Insulation material group / Gauge pin code according to IEC 60947-1			
Protection class / Protection conductor type			
Marking Tags (Dekafix)			
See pages 326-333 for a list of Dekafix			

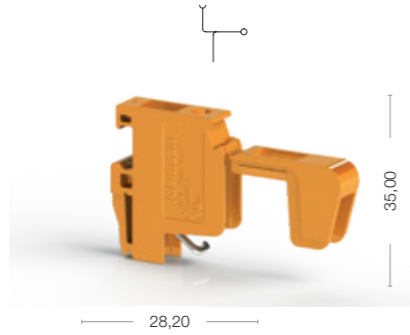
  

Package Quantity	Type	Cat.No.	Qty.

# Transformer Terminals Blocks

## TRV 4

Width: 7,5 mm

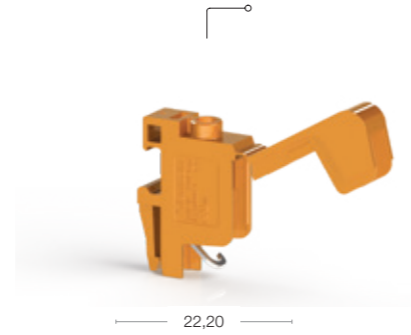


Cat No:

422 017

## TRV 4 B

Width: 7,5 mm

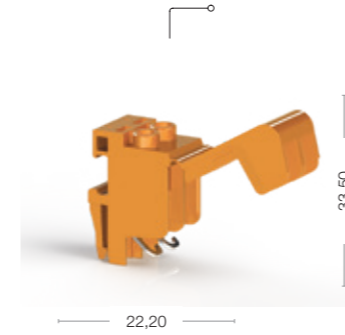


Cat No:

422 057

## TRV 4 M

Width: 15 mm

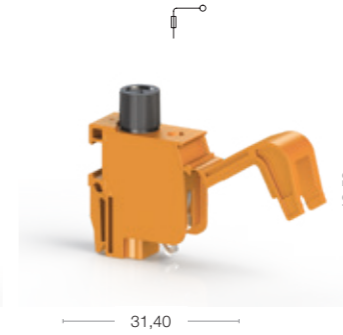


Cat No:

422 047

## TRV 4 S

Width: 12,50 mm

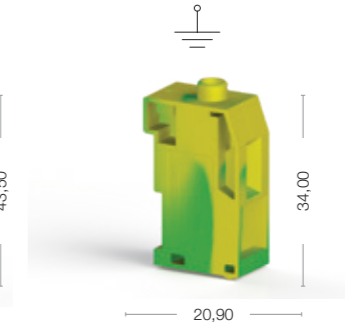


Cat No:

422 027

## TRV 4 T

Width: 12 mm

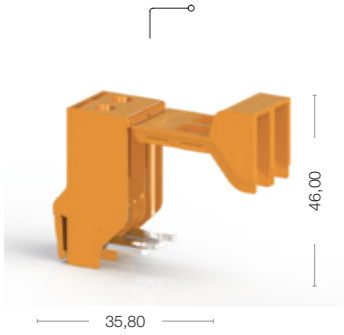


Cat No:

422 060

## TRV 10

Width: 22 mm

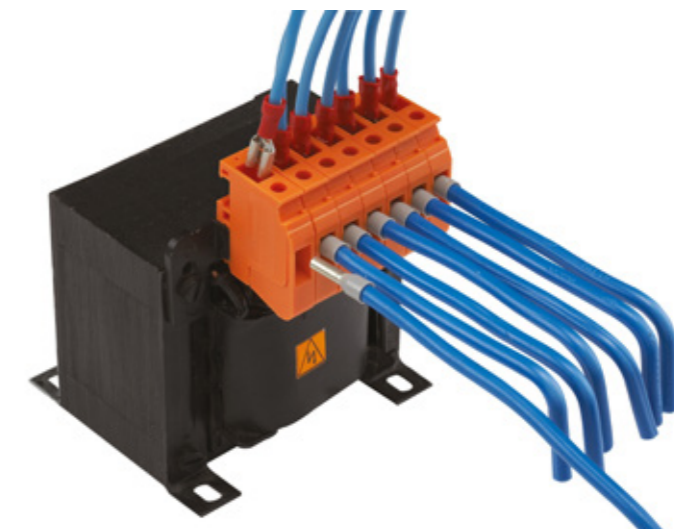


Cat No:

422 037



Electrical Ratings	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section	Voltage, V ~	Current, A	Cross-Section			
CE (EN 60947-7-1 - EN 60947-7-2)	750	25	4 mm <sup>2</sup>	750	25	4 mm <sup>2</sup>				750	25	4 mm <sup>2</sup>	500	10	4 mm <sup>2</sup>				750	63	10 mm <sup>2</sup>
UL	600	20	AWG 26-10	600	20	AWG 26-10				600	20	AWG 26-10	300	10	AWG 26-10				600	55	AWG 16-6
VDE (IEC 60947-7-1)																					
CSA																					
ATEX																					
<b>Connection Data</b>																					
Conductor cross section solid (min.-max.)	0,2-6 mm <sup>2</sup>			0,2-6 mm <sup>2</sup>						0,2-6 mm <sup>2</sup>			0,2-6 mm <sup>2</sup>			0,2-6 mm <sup>2</sup>			0,5-16 mm <sup>2</sup>		
Conductor cross section stranded (min.-max.)	0,2-6 mm <sup>2</sup>			0,2-6 mm <sup>2</sup>						0,2-6 mm <sup>2</sup>			0,2-6 mm <sup>2</sup>			0,2-6 mm <sup>2</sup>			0,5-16 mm <sup>2</sup>		
2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve, (min.-max.)	0,5-2,5 mm <sup>2</sup>			0,5-2,5 mm <sup>2</sup>						0,5-2,5 mm <sup>2</sup>			0,5-2,5 mm <sup>2</sup>			0,5-2,5 mm <sup>2</sup>			0,5-6 mm <sup>2</sup>		
AWG Conductor	AWG 24-10			AWG 24-10						AWG 24-10			AWG 24-10			AWG 24-10			AWG 20-6		
Insulation Stripping Length (min.-max.)	9-10 mm			9-10 mm						9-10 mm			9-10 mm			9-10 mm			11-12 mm		
Torque (min.-max.)	0,5-0,8 Nm			0,5-0,8 Nm						0,5-0,8 Nm			0,5-0,8 Nm			0,5-0,8 Nm			1,2-1,8 Nm		
Screwdriver	IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)						IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)			IKT 3 (0,6x3,5)			IKT 4 (0,8x40)		
<b>Technical Data</b>																					
Rated Impulse Voltage / Pollution severity	8/3			8/3						8/3			8/3			8/3			8/3		
Insulation material group / Gauge pin code according to IEC 60947-1	1/B4			1/A4						1/B4			1/B4			1/B4			1/B6		
Protection class / Protection conductor type	IP 20 / -			IP 20 / -						IP 20 / -			IP 20 / -			IP 20 / -			IP 20 / -		
<b>Marking Tags (Dekafix)</b>																					
See pages 326-333 for a list of Dekafix	D_NS 7,5x4,5, DB 7,5x4,5, DG 7/5			D_NS 7,5x4,5, DB 7,5x4,5, DG 7/5						D_NS 7,5x4,5, DB 7,5x4,5, DG 7/5			D_NS 7,5x4,5, D_NS 5x6, DB 5, DB 7,5x4,5, DG 6/5			D_NS 7,5x4,5, DB 7,5x4,5, DG 7/5			D_NS 7,5x4,5, DB 7,5x4,5, DG 7/5		
<b>Package Quantity</b>	50 pcs.			50 pcs.						50 pcs.			50 pcs.			50 pcs.			25 pcs.		



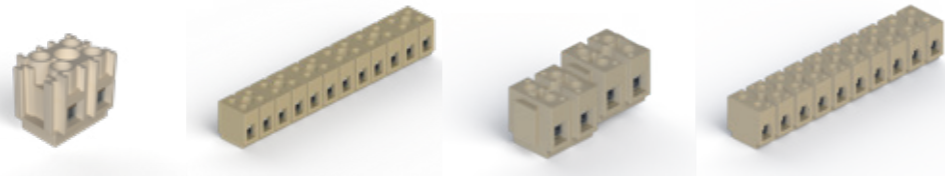
Color			
Color code is the last digit of the order number			
Grey	Green- Yellow	Orange	Beige
304 119	60	17	10

Color			
Color code is the last digit of the order number			
Grey	Green- Yellow	Orange	Beige
304 119	60	17	10

## Terminals Strips

- The product in the figure is the new psk 1/2 terminal strip.
- For allowing marking, label slots are designed according to DB 5 and DG 6/5 Marking Tags (Dekafix)
- Assembly of the terminal should be made with maximum 3 mm Width screw.

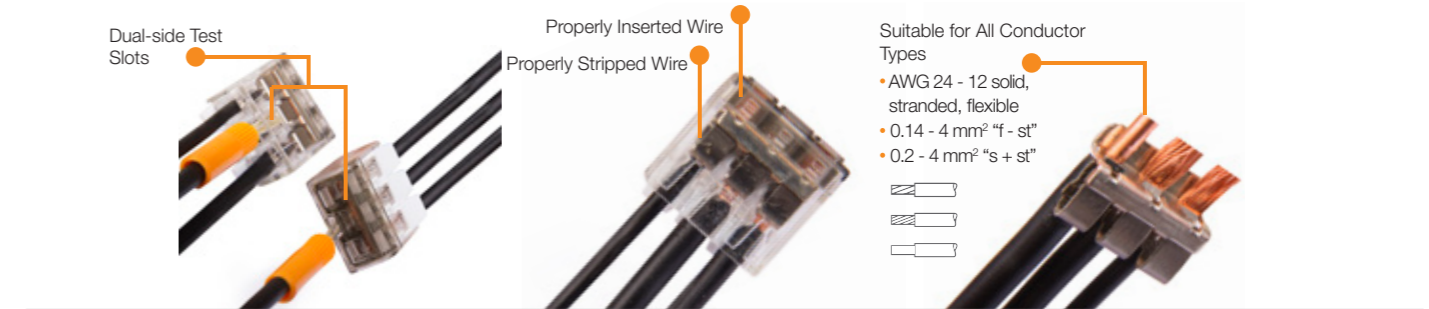
PSK 1/2 420 020      PSK 1/12 420 120      PSK 2/2 421 020      PSK 2/10 421 100



Electrical Ratings	Voltage / Current / Cross-Section	Voltage / Current / Cross-Section	Voltage / Current / Cross-Section	Voltage / Current / Cross-Section
TSE (EN 60998-2-1)	400 V ~ / 24 A / 2,5 mm <sup>2</sup>	400 V ~ / 24 A / 2,5 mm <sup>2</sup>	660 V ~ / 41 A / 6 mm <sup>2</sup>	660 V ~ / 41 A / 6 mm <sup>2</sup>
Insulation Stripping Length (min.-max.)	5 mm	5 mm	9 mm	9 mm
Torque	0,4 - 0,6 Nm	0,4 - 0,6 Nm	0,5 - 0,8 Nm	0,5 - 0,8 Nm
Qty.	100	100	100	20
Screwdriver	IKT3 (0,6x3,5)			

## Junction Box Terminals

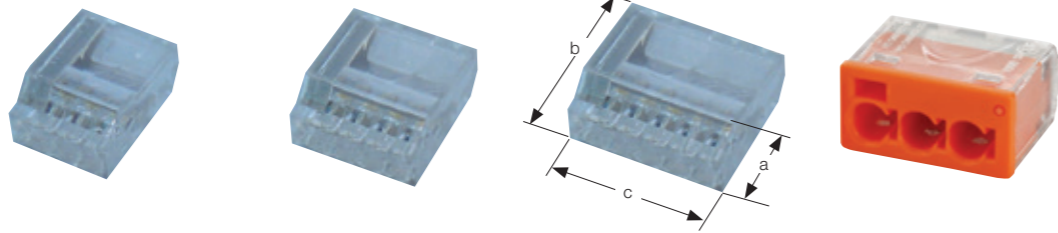
AWG 24 - 12 600 V 105 °C operating temp 11mm / 0.43 in	0.14 - 4 mm <sup>2</sup> "f - st" 0.2 - 4 mm <sup>2</sup> "s + st" 450 V / 4 kv / 2 I <sub>N</sub> 32A	AWG 24 - 12 600 V 105 °C operating temp 11mm / 0.43 in	0.14 - 4 mm <sup>2</sup> "f - st" 0.2 - 4 mm <sup>2</sup> "s + st" 450 V / 4 kv / 3 I <sub>N</sub> 32A	AWG 24 - 12 600 V 105 °C operating temp 11mm / 0.43 in	0.14 - 4 mm <sup>2</sup> "f - st" 0.2 - 4 mm <sup>2</sup> "s + st" 450 V / 4 kv / 5 I <sub>N</sub> 32A
2 Connector Lever Type Junction Box Terminal		3 Connector Lever Type Junction Box Terminal		5 Connector Lever Type Junction Box Terminal	
Order No.	Package Qty.	Order No.	Package Qty.	Order No.	Package Qty.
425 420	100	425 430	50	425 450	25



## Junction Box Terminals

- Suitable for 1,5 - 2,5 mm<sup>2</sup> solid strand cables
- Cage clamp connection
- One-point test
- Disassembling by turning the cable left

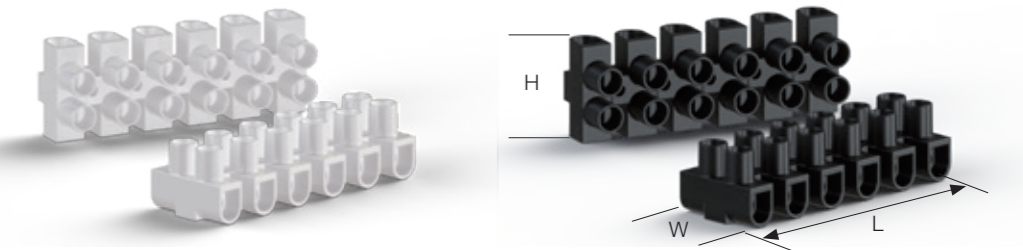
BUK 2,5/3 425 235      BUK 2,5/4 425 245      BUK 2,5/5 425 255      BUK 4/3 425 350



Electrical Ratings	Voltage / Current / Cross-Section	Voltage / Current / Cross-Section	Voltage / Current / Cross-Section	Voltage / Current / Cross-Section
IEC 60998-1, IEC 60998-2-1 (VDE)	450 V ~ / 24 A / 2,5 mm <sup>2</sup>	450 V ~ / 24 A / 2,5 mm <sup>2</sup>	450 V ~ / 24 A / 2,5 mm <sup>2</sup>	450 V ~ / 32 A / 4 mm <sup>2</sup>
Connection Data				
Solid Strand	1,0 - 2,5 mm <sup>2</sup>	1,0 - 2,5 mm <sup>2</sup>	1,0 - 2,5 mm <sup>2</sup>	0,5 - 4 mm <sup>2</sup>
Insulation Stripping Length (min.-max.)	7 mm	7 mm	7 mm	11 mm
AWG Conductor	22 ... 12	22 ... 12	22 ... 12	22...16
Dimensions				
a	9,4	9,4	9,4	10
b	19,4	19,4	19,4	19,2
c	13,8	17,6	21,1	19,1
Qty.	100	100	100	50

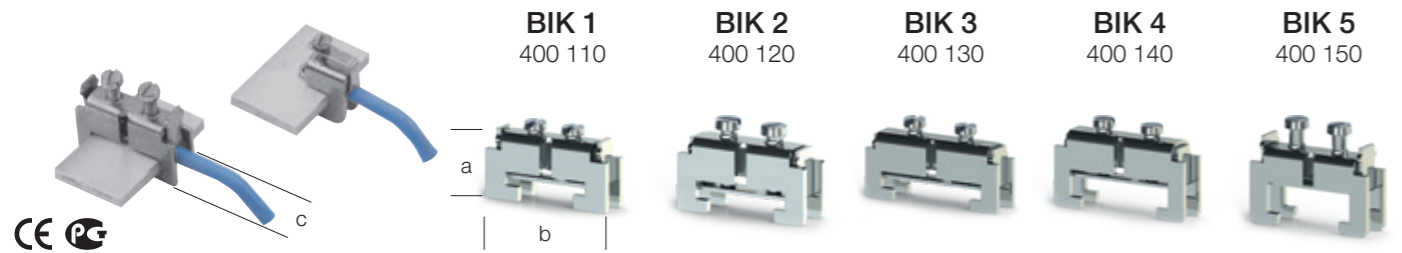
## Terminal Strips

SK 1 430 002 / 431 002      SK 2 430 012 / 431 012      SK 3 430 022 / 431 022      SK 4 430 032 / 431 032



Electrical Ratings	Voltage / Current / Cross-Section	Voltage / Current / Cross-Section	Voltage / Current / Cross-Section	Voltage / Current / Cross-Section
IEC 60998-1, IEC 60998-2 (VDE)	450 V ~ / 32 A / 2,5 mm <sup>2</sup>	450 V ~ / 41 A / 4 mm <sup>2</sup>	450 V ~ / 57 A / 6 mm <sup>2</sup>	450 V ~ / 76 A / 16 mm <sup>2</sup>
UL	300 V ~ / 20 A / AWG 22 - 10	300 V ~ / 30 A / AWG 22 - 10	300 V ~ / 50 A / AWG 14 - 8	300 V ~ / 55 A / AWG 10 - 6
Torque	0,4 Nm	0,5 Nm	0,8 Nm	1,1 Nm
Connection Data				
Solid Strand, Screw Connection	0,75 - 4 mm <sup>2</sup>	0,75 - 6 mm <sup>2</sup>	1,5 - 6 mm <sup>2</sup>	6 - 16 mm <sup>2</sup>
Fine Strand, Screw Connection	0,5 - 2,5 mm <sup>2</sup>	0,5 - 4 mm <sup>2</sup>	1,5 - 6 mm <sup>2</sup>	6 - 10 mm <sup>2</sup>
Insulation Stripping Length / Torque	7 mm	8 mm	10 mm	10 mm
AWG Conductor	22...12	22...10	14...8	10...6
Dimensions				
L	95	116	135	175
W	16	19	22,5	25
H	12,8	15	17,65	21
Qty.				
Black (With Screw Blockage, Passivated)	50	50	50	50
Naturel (With Screw Blockage, Ni Coated)	50	50	50	50

## Clamping Yokes and Accessories



Electrical Ratings					
Cross-Section	1,5 - 6 mm <sup>2</sup>	6 - 35 mm <sup>2</sup>	6 - 35 mm <sup>2</sup>	6 - 35 mm <sup>2</sup>	6 - 35 mm <sup>2</sup>
Busbars Used	25 x 3 mm	30 x 5 mm	40 x 5 mm	40 x 10 mm	30 x 10 mm
Torque	1,5 Nm	1,5 Nm	1,5 Nm	1,5 Nm	1,5 Nm
Qty.					
	100	100	100	100	100
Connection Data					
Insulation Stripping Length (min.-max.)	19 mm	21 mm	26 mm	26 mm	21 mm
AWG Conductor	14 ... 8	8 ... 1	8 ... 1	8 ... 1	8 ... 1
Dimensions					
	a	21,8	25,7	26,5	32,0
	b	39,7	44,0	54,0	54,0
	c	10,5	13,0	13,0	13,0

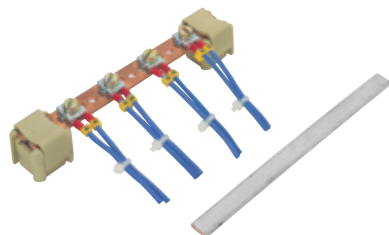
BIK and SBK type terminals are produced suitable for various busbar sizes. It is possible to transfer energy practically without drilling the busbars. SBK type is more advantageous than BIK type in sense of cable connection ability by connecting terminal on busbar optionally.



Electrical Ratings						
Cross-Section	1,5 - 16 mm <sup>2</sup>	1,5 - 16 mm <sup>2</sup>	16 - 35 mm <sup>2</sup>	16 - 35 mm <sup>2</sup>	25 - 50 mm <sup>2</sup>	25 - 50 mm <sup>2</sup>
Busbars Used	... x 5 mm	... x 10 mm	... x 5 mm	... x 10 mm	... x 5 mm	... x 10 mm
Torque	4 Nm	4 Nm	6 Nm	6 Nm	8 Nm	8 Nm
Qty.						
	100	100	25	25	25	25
Connection Data						
Insulation Stripping Length	22 mm	22 mm	30 mm	30 mm	36 mm	36 mm
AWG Conductor	14 ... 6	14 ... 6	10 ... 2	10 ... 2	6 ... 10	6 ... 10
Dimensions						
	a	25,0	29,3	31,0	36,0	41,0
	b	21,5	21,5	29,0	29,0	35,0
	c	11,7	11,7	16,3	16,3	17,0

## Busbars

### KUB 1 - 2



### KUB 3

Single strand screw connection :  
0,5 ..... 2,5 mm  
Insulation Stripping Length : 9 mm



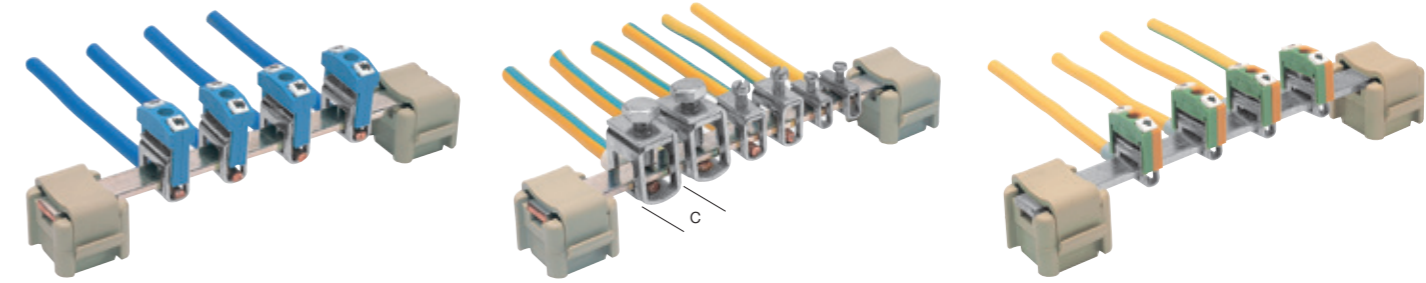
Type	Cat. No.	Current (A)	Material	Dimensions (mm)	Qty.
KUB 1	525 100	80	E - Cu	15 x 2	1 m
KUB 1/2	525 101	80	E - Cu	15 x 2	50 cm
KUB 2	525 200	140	E - Cu	15 x 3	1 m
KUB 2/2	525 201	140	E - Cu	15 x 3	50 cm
KUB 3	525 300	140	E - Cu	10 x 3	1 m
KUB 3/3	525 350	140	Tin Coated E - Cu	10 x 3	1 m
KUB 4	525 320	140	Tin Plated - Copper	12 x 3	1 m
KUB 4	525 310	140	Copper	12 x 3	1 m

### BM 528 110



Dimensions	Material	Qty.
15 x 2	PA 6,6	50
15 x 3		
12 x 3		
10 x 3		

## Clamping Yokes and Accessories

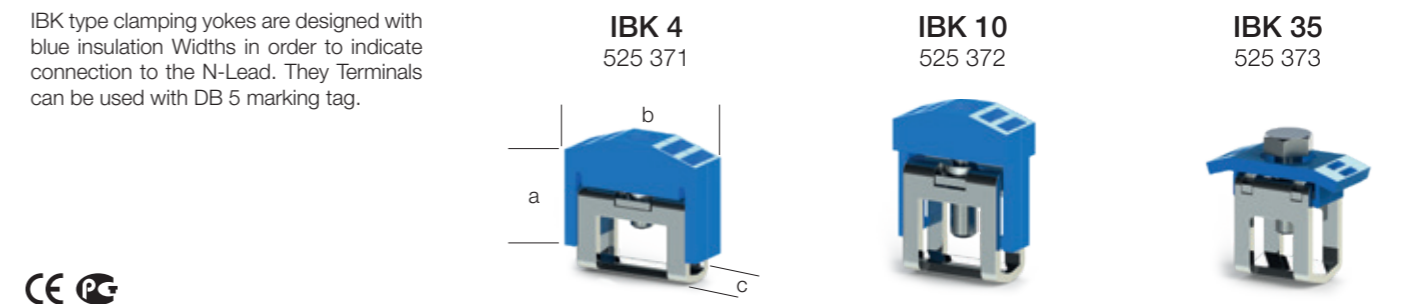


The clamping yokes can be slid onto the 10 x 3 busbar up to 50 mm<sup>2</sup> and the entire wiring matched to the installation.



Electrical Ratings			
Cross-Section	4 mm <sup>2</sup>	10 mm <sup>2</sup>	35 mm <sup>2</sup>
Insulation Stripping Length (min.-max.)	16 mm	19 mm	19 mm
Fixing Screw	M 3	M 4	M 6
Busbar Dimensions	10 x 3	10 x 3	10 x 3
Torque	0,5 Nm	1,2 Nm	2,8 Nm
Qty.			
	200	100	50
Connection Data			
Solid Strand	0,5 ... 6 mm <sup>2</sup>	1,5 ... 10 mm <sup>2</sup>	16 ... 50 mm <sup>2</sup>
Fine Strand,	0,5 ... 4 mm <sup>2</sup>	2,5 ... 10 mm <sup>2</sup>	16 ... 35 mm <sup>2</sup>
AWG Conductor	20 ... 10	14 ... 6	4 ... 1
Dimensions			
	a	11,3	17,2
	b	15,6	15,6
	c	5,5	8,7

IBK type clamping yokes are designed with blue insulation Widths in order to indicate connection to the N-Lead. They Terminals can be used with DB 5 marking tag.



Electrical Ratings			
Cross-Section	4 mm <sup>2</sup>	10 mm <sup>2</sup>	35 mm <sup>2</sup>
Insulation Stripping Length (min.-max.)	16 mm	19 mm	19 mm
Fixing Screw	M 3	M 4	M 6
Busbar Dimensions	10 x 3	10 x 3	10 x 3
Isolation Width	Blue	Blue	Blue
Torque	0,5 Nm	1,2 Nm	2,8 Nm
Qty.			
	100	100	50
Connection Data			
Solid Strand	0,5 ... 6 mm <sup>2</sup>	1,5 ... 10 mm <sup>2</sup>	16 ... 50 mm <sup>2</sup>
Fine Strand,	0,5 ... 4 mm <sup>2</sup>	2,5 ... 10 mm <sup>2</sup>	16 ... 35 mm <sup>2</sup>
AWG Conductor	20 ... 10	14 ... 6	4 ... 1
Dimensions			
	a	14,1	19,9
	b	18,8	18,8
	c	6,4	8,5

IBK type clamping yokes are designed with yellow - green insulation Widths to emphasise the protection function. They Terminals can be used with DB 5 marking tag.



Electrical Ratings				
Cross-Sec.	4 mm <sup>2</sup>	10 mm <sup>2</sup>	35 mm <sup>2</sup>	
Insulation Stripping Length (min.-max.)	16 mm	19 mm	19 mm	
Fixing Screw	M 3	M 4	M 6	
Busbar Dimensions	10 x 3	10 x 3	10 x 3	
Isolation Width	Yellow-Green	Yellow-Green	Yellow-Green	
Torque	0,5 Nm	1,2 Nm	2,8 Nm	
Qty.				
	100	100	50	
Connection Data				
Solid Strand	0,5 ... 6 mm <sup>2</sup>	1,5 ... 10 mm <sup>2</sup>	16 ... 50 mm <sup>2</sup>	
Fine Strand,	0,5 ... 4 mm <sup>2</sup>	2,5 ... 10 mm <sup>2</sup>	16 ... 35 mm <sup>2</sup>	
AWG Conductor	20 ... 10	14 ... 6	4 ... 1	
Dimensions				
	a	14,1	19,9	8,8
	b	18,8	18,8	31,7
	c	6,4	8,5	14,1



Electrical Ratings				
Cross-Sec.	4 mm <sup>2</sup>	16 mm <sup>2</sup>	35 mm <sup>2</sup>	
Insulation Stripping Length (min.-max.)	16 mm	16 mm	16 mm	
Fixing Screw	M 4	M 5	M 6	
Busbar Dimensions	10 x 3 / 12 x 3	10 x 3 / 12 x 3	10 x 3 / 12 x 3	
Isolation Width	-	-	-	
Torque	1,5 - 1,8 Nm	2,5 - 3 Nm	3,2 - 3,7 Nm	
Qty.				
	50	50	50	
Connection Data				
Solid Strand	0,5 ... 6 mm <sup>2</sup>	1,5 ... 16 mm <sup>2</sup>	2,5 ... 35 mm <sup>2</sup>	
Fine Strand,	0,5 ... 4 mm <sup>2</sup>	1,5 ... 16 mm <sup>2</sup>	2,5 ... 35 mm <sup>2</sup>	
AWG Conductor	20 ... 10	16 ... 6	14 ... 2	
Dimensions				
	a	18	18	18
	b	7	10	14



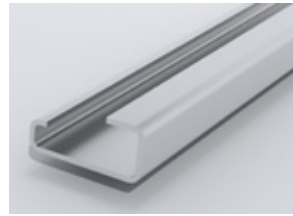
Electrical Ratings				
Cross-Sec.	4 mm <sup>2</sup>	16 mm <sup>2</sup>	35 mm <sup>2</sup>	
Insulation Stripping Length (min.-max.)	16 mm	16 mm	16 mm	
Fixing Screw	M 4	M 5	M 6	
Busbar Dimensions	10 x 3 / 12 x 3	10 x 3 / 12 x 3	10 x 3 / 12 x 3	
Isolation Width	Blue	Blue	Blue	
Torque	1,5 - 1,8 Nm	2,5 - 3 Nm	3,2 - 3,7 Nm	
Qty.				
	50	50	50	
Connection Data				
Solid Strand	0,5 ... 6 mm <sup>2</sup>	1,5 ... 16 mm <sup>2</sup>	2,5 ... 35 mm <sup>2</sup>	
Fine Strand,	0,5 ... 4 mm <sup>2</sup>	1,5 ... 16 mm <sup>2</sup>	2,5 ... 35 mm <sup>2</sup>	
AWG Conductor	20 ... 10	16 ... 6	14 ... 2	
Dimensions				
	a	18	18	18
	b	7	10	14



Electrical Ratings				
Cross-Sec.	4 mm <sup>2</sup>	16 mm <sup>2</sup>	35 mm <sup>2</sup>	
Insulation Stripping Length (min.-max.)	16 mm	16 mm	16 mm	
Fixing Screw	M 4	M 5	M 6	
Busbar Dimensions	10 x 3 / 12 x 3	10 x 3 / 12 x 3	10 x 3 / 12 x 3	
Isolation Width	Yellow-Green	Yellow-Green	Yellow-Green	
Torque	1,5 - 1,8 Nm	2,5 - 3 Nm	3,2 - 3,7 Nm	
Qty.				
	50	50	50	
Connection Data				
Solid Strand	0,5 ... 6 mm <sup>2</sup>	1,5 ... 16 mm <sup>2</sup>	2,5 ... 35 mm <sup>2</sup>	
Fine Strand,	0,5 ... 4 mm <sup>2</sup>	1,5 ... 16 mm <sup>2</sup>	2,5 ... 35 mm <sup>2</sup>	
AWG Conductor	20 ... 10	16 ... 6	14 ... 2	
Dimensions				
	a	18	18	18
	b	7	10	14

## DIN Rails

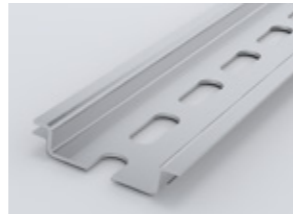
MR 32



MR 35 x 7,5

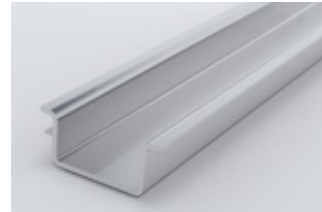


MR 35 x 7,5

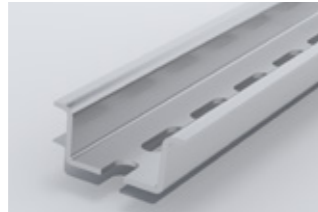


General Features				
Cat. No.	500 101	500 601	500 602	500 602E
Unit Length (m)	1	1	1	1
Description	Non-Slotted Zinc Coated Steel	Non-Slotted Zinc Coated Steel	Slotted Zinc Coated Steel	Slotted Galvanised Steel Sheet
Qty.	10	10	10	10
Cat. No.		500 603	500 604	500 604E
Unit Length (m)		2	2	2
Description		Non-Slotted Zinc Coated Steel	Slotted Galvanised Steel Sheet	Slotted Galvanised Steel Sheet
Qty.		10	10	10
Cat. No.		500 605		
Unit Length (m)		3		
Description		Non-Slotted		
Qty.		10		

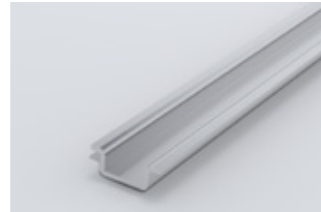
MR 35 x 15



MR 35 x 15



MR 15 x 5,5



MR 15 x 5,5



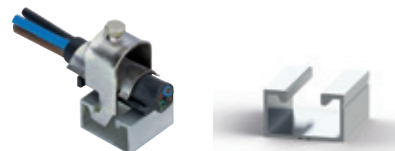
500 606	500 607	500 610	500 611
1	1	1	1
Non-Slotted / Zinc Coated Steel	Slotted / Zinc Coated Steel	Non-Slotted / Zinc Coated Steel	Slotted / Zinc Coated Steel
10	10	50	50
500 608	500 609	500 612	500 613
2	2	2	2
Non-Slotted / Zinc Coated Steel	Slotted / Zinc Coated Steel	Non-Slotted / Zinc Coated Steel	Slotted / Zinc Coated Steel
10	10	10	10

## Cable Clamps



Cat. No.	Product	Max. Cable Tie Width (mm)	Dimensions (mm)	Qty.
510 110	K 1	8 - 12	19x51	25
510 120	K 2	11 - 18	22.5x50	25
510 130	K 3	12 - 23	28.5x55	25

## Cable Clamp Rail



Cat. No.	Product	Dimensions (mm)	Qty.
510 500	KR 1	30x35	1

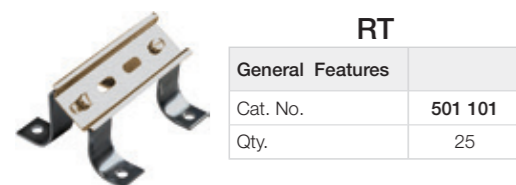
## Rail Cutting Tool

Cat. No.	Product	Cutting Thickness	Cutting Capacity	Length Adjustment	Qty.
500 650	KRK M	1,5 mm	7.5x35 mm 15x35 mm Tij Ø8mm	100 cm	1

- 3 different cutting slots
- Clean Cut
- Lossless cutting
- Non-blunting knife
- Length adjustment guide



## DIN Rail Support

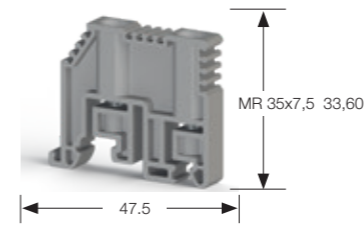


RT

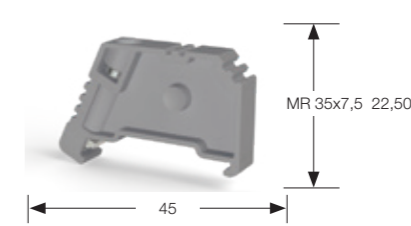
General Features	
Cat. No.	501 101
Qty.	25

## End Brackets

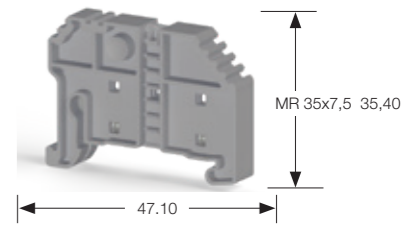
WGD 1



KD 3

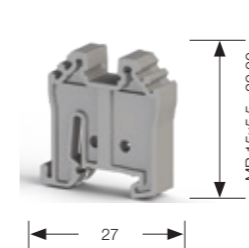


KD 4

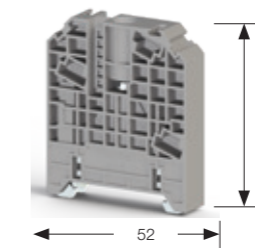


Cat. No.	495 039 - Grey 495 030 - Beige	495 049 - Grey 495 040 - Beige	495 059 - Grey 495 050 - Beige
	Screw-type end bracket mounted on MR32 and MR 35 types of DIN-rail. Can be used together with Screw Connection feed-through one level terminals.	Screw-type end bracket mounted on MR 35 type of DIN-rail. Can be used together with Screw Connection feed-through one level terminals.	Without screw end bracket mounted on MR 35 type of DIN-rail. Can be used together with Spring Clamp and Practical Spring Clamp feed-through terminals.
Qty.	100	100	100
Marker		508 530 SIFX 0615Y (6x15 mm)	508 530 SIFX 0615Y (6x15 mm)

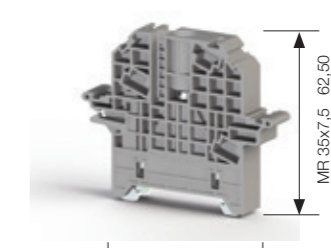
KD 5



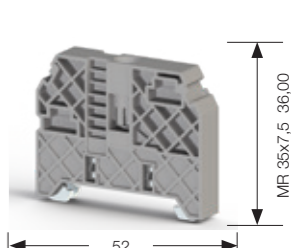
KD 6



KD 6A

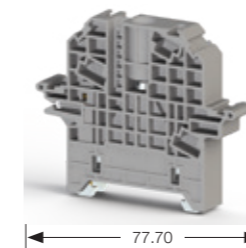


KD 7

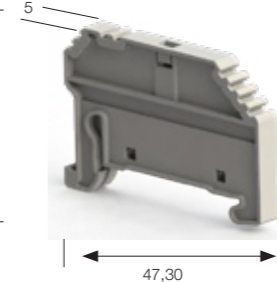


Cat. No.	495 069 - Grey 495 060 - Beige	495 099 - Grey 495 090 - Beige	495 109 - Grey 495 100 - Beige	495 219 - Grey 495 210 - Beige
	Without screw end bracket mounted on MR 15 type of DIN-rail. Can be used together with Mini Screw Connection and Mini Spring Clamp feed-through terminals.	Screw-type end bracket mounted on MR 35 type of DIN-rail. Can be used together with feed-through terminals for big cross-sections.	Screw-type end bracket mounted on MR 35 type of DIN-rail. Can be used together with feed-through terminals for big cross-sections.	Screw type end bracket mounted on MR 35 type of DIN-rail. Can be used together with feed-through terminals for small and middle cross-sections.
Qty.	100	50	50	50

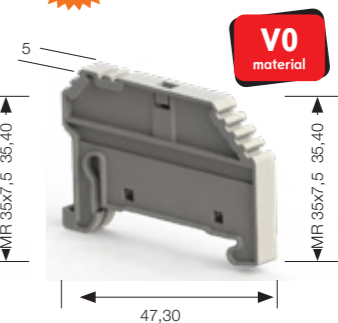
KD 6T



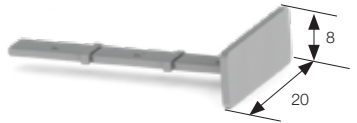
KD 8



**new** KD 8/NM



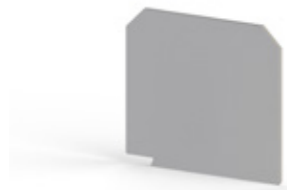
ME4



Cat. No.	495 209 - Grey 495 200 - Beige	495 229 - Grey 495 220 - Beige	497 069 - Grey	ME	496 329 - Grey
				ME	496 320 - Beige
	Screw type end bracket mounted on MR 35 type of DIN-rail. Can be used together with feed-through terminals for high cross-sections. Provides distribution block with 10x3 mm busbar.	Without screw end bracket mounted on MR 35 type of DIN-rail. Can be used together with feed-through terminals for big cross-sections.	Without screw end bracket mounted on MR 35 type of DIN-rail. Can be used together with feed-through terminals for big cross-sections.		Suitable for KD 8 and KD 8/NM 808 505 KCIP - Y 8x20 808 409 PYE-05 YL 18x8 808 428 PYE-05 SV 18x8 808 427 PYE-05 W 18x8
Qty.	50	50	50		25

## Seperation Plate

APP/AVK 2,5-10



APP/AVK 16



APP/AVK 16RD



Cat. No.	462 120 - Grey	462 160 - Grey	462 170 - Grey
	462 129 - Beige	462 169 - Beige	462 179 - Beige
<b>Technical Data</b>			
Insulating material	PA	PA	PA
Inflammability class according to UL 94	V2	V2	V2
Packing unit (pcs.)	25	25	25
Continuous operating temp. max.	120°C	120°C	120°C
Continuous operating temp. min.	-55°C	-55°C	-55°C
<b>Dimensions (mm)</b>			
Width	1,2	1,5	1,5
Length	42,70	49,40	52,80
Height	39	45	50,70

APP/AVK 35RD



APP-PB 2,5-6/NM



APP-PB 25/NM



Cat. No.	462 180 - Grey	464 009 - Grey	464 019 - Grey
	462 189 - Beige	464 000 - Beige	464 010 - Beige
<b>Technical Data</b>			
Insulating material	PA	PA	PA
Inflammability class according to UL 94	V2	V0	V0
Packing unit (pcs.)	10	25	25
Continuous operating temp. max.	120°C	120°C	120°C
Continuous operating temp. min.	-55°C	-55°C	-55°C
<b>Dimensions (mm)</b>			
Width	1,5	1,5	2
Length	52,80	55,70	109
Height MR 35x7,5	63,70	59	69,80
Height MR 35x15	71,20	66,50	77,30
Height MR 32	68,30	63,60	74,40

## Small Partition

Type	Color	Description	Cat. No.	Qty.
AD 1	Grey	AVK 2,5 - 10	467 919	100
AD 2	Grey	AVK 16 RD / 35 RD	468 059	100
AD 3	Grey	AVK 16 RD / 35 RD	468 059	100



## Seperation Plate

APP/PYK 1,5-2,5-4



APP/PYK 6

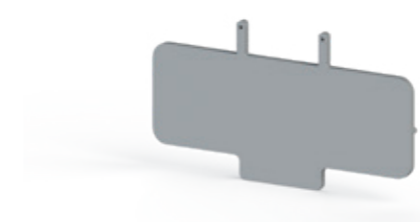


APP/PYK 10



Cat. No.	463 180 - Grey	463 190 - Grey	463 200 - Grey
	463 189 - Beige	463 199 - Beige	463 209 - Beige
<b>Technical Data</b>			
Insulating material	PA	PA	PA
Inflammability class according to UL 94	V2	V2	V2
Packing unit (pcs.)	25	25	25
Continuous operating temp. max.	120°C	120°C	120°C
Continuous operating temp. min.	-55°C	-55°C	-55°C
<b>Dimensions (mm)</b>			
Width	2	2	2
Length	65,50	75,60	85,40
Height MR 35x7,5	47,20	49,40	54,20
Height MR 35x15	54,70	56,90	61,70
Height MR 32	-	-	-

APP/WGO 5



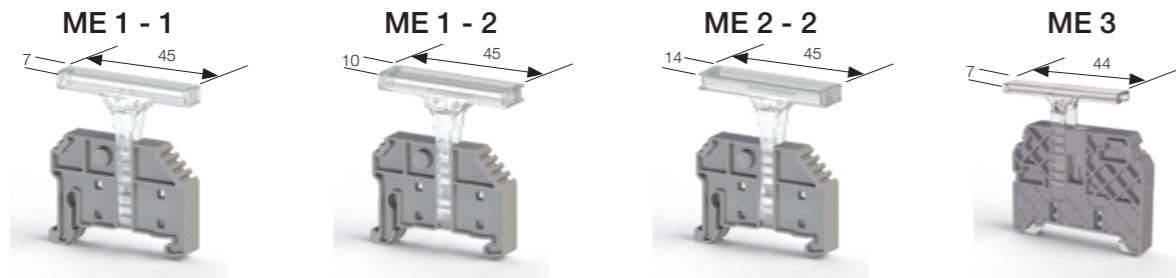
SKK-MR35



Cat. No.	463 219 - Grey	468 069 - Grey
	463 210 - Beige	468 060 - Beige
<b>Technical Data</b>		
Insulating material	PA	PA
Inflammability class according to UL 94	V2	V2
Packing unit (pcs.)	25	10
Continuous operating temp. max.	120°C	120°C
Continuous operating temp. min.	-55°C	-55°C
<b>Dimensions (mm)</b>		
Width	2,50	2,10
Length	93,40	75
Height MR 35x7,5	51,30	85,50
Height MR 35x15	-	93
Height MR 32	-	90,10



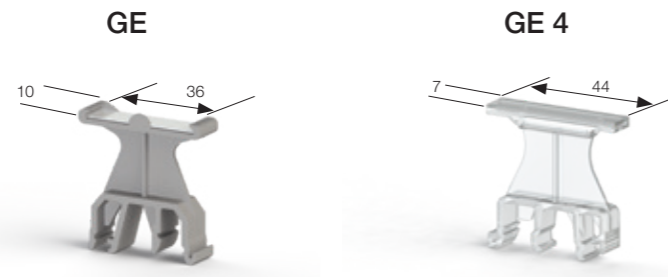
## Modular Group Markers



Cat. No.	496 12A - Transparent	496 13A - Transparent	496 14A - Transparent	496 300 - Transparent
Qty.	25	25	25	50
End Stopper	KD 4 - KD 6 - KD 6T	KD 4 - KD 6 - KD 6T	KD 4 - KD 6 - KD 6T	KD 7
Label Klecard	808 500 KCIP-Y 7x44	808 500 KCIP-Y 7x44 808 506 KCIP-Y 9x35	808 500 KCIP-Y 7x44 808 506 KCIP-Y 9x35	808 500 KCIP-Y 7x44
Office Printer Label	508 530 SI FX 0615Y	508 530 SI FX 0615Y	508 530 SI FX 0615Y	508 520 SIT FP 4407Y

ME type modular group markers provide flexible solutions for the marking of terminal blocks. Four different group markers are designed which can be mounted on KD4, KD6, KD6A, KD6T and KD7 type end-brackets. ME3 type group marker can only be used with KD7 end bracket.

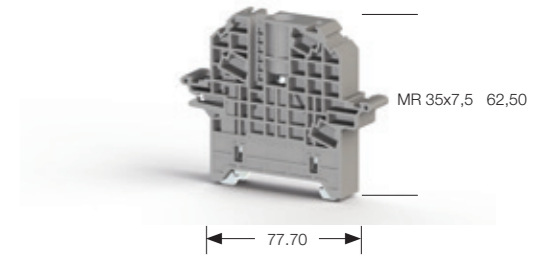
## Group Markers



Cat. No.	Product	Description	Marker Cat. No.	Color	Qty.
496 110	GE	Group Marker MR 32/MR 35		Beige	50
496 119	GE	Group Marker MR 32/MR 35		Grey	50
496 310	GE 4	Group Marker MR 32/MR 35 (Transparent)	508 520 SIT FP 4407 (7x44 mm)	Transparent	50

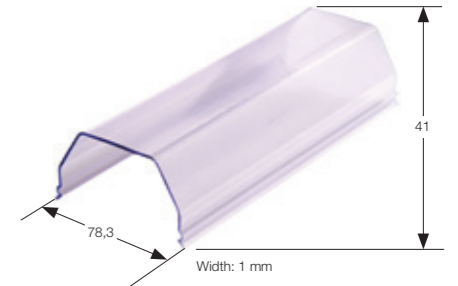
## KD 6A

Cat. No.	495 109 - Grey 495 100 - Beige
	Screw-type end bracket mounted on MR 35 type of DIN-rail. Can be used together with feed-through terminals for big cross-sections.
Qty.	50



## Cover for KD 6A

Type	Color	Cat. No.	Qty.
Cover for KD 6A	Transparent Cover	498 190	1



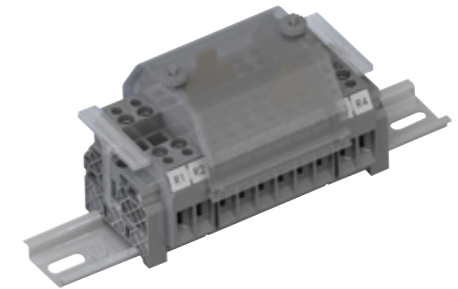
## Sealing Pin for KD 6A

Type	Color	Cat. No.	Qty.
KD 6A	Orange Sealing Pin	498 187	100



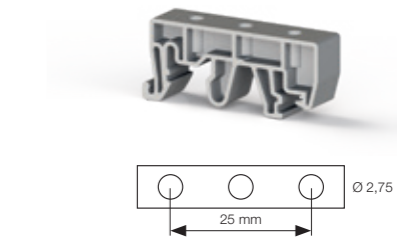
## Holding Plate for Cover

Type	Color	Cat. No.	Qty.
SKK - MR 35	Grey	468 069	10
SKK - MR 35	Beige	468 060	10



## Rail Adaptor RA 10

Type	Color	Cat. No.	Qty.
RA 10	Grey	498 459	50
RA 10	Beige	498 450	50



## DIN Rail Sockets

PAP



PAP - LED



	DIN Rail Socket Earth	DIN Rail Socket LED + Earth
Cat. No.	670 100	670 200
Qty.	1	1
Width / Height / Depth (mm)	41.80 / 74.80 / 49.20	41.80 / 74.80 / 49.20
Voltage / Current / Cross-Section	250 V / 16 A / 6 mm <sup>2</sup>	250 V / 16 A / 6 mm <sup>2</sup>
Single ve Fine Strand, (mm <sup>2</sup> )	0.5 - 10	0.5 - 10
Conductors with ferrules (mm <sup>2</sup> )	0.5 - 6	0.5 - 6

PAP - UPS



PAP - UPS + LED



PAP - KK



	DIN Rail Socket UPS	DIN Rail Socket LED + UPS	DIN Rail Socket Children Protection + Earth
	670 300	670 400	670 500
	1	1	1
	41.80 / 74.80 / 46.70	41.80 / 74.80 / 46.70	41.80 / 74.80 / 46.70
	250 V / 16 A / 6 mm <sup>2</sup>	250 V / 16 A / 6 mm <sup>2</sup>	250 V / 16 A / 6 mm <sup>2</sup>
	0.5 - 10	0.5 - 10	0.5 - 10
	0.5 - 6	0.5 - 6	0.5 - 6

# KLEMSAN MARKING SOLUTIONS



## Marking Systems / Printers

We offer the most suitable solutions for your projects thanks to our thermal marking systems. You can experience the high efficiency and easy application with Klemsan Marking Systems which will definitely suit all your industrial requirements.

### KLECARD Thermal Card Printer



The fastest and easiest way for marking a wide variety of labels and tags is only possible with Klecard itself.

- Terminal Blocks
- Cables
- Panel Surface and Components
- All Kinds of Industrial Products and Devices

can be easily marked with thermal transfer technology. Windows® based driver will provide ease of use. Even smallest symbols, drawings, barcodes and QR Codes can be printed.

### KL-Tx300 – Thermal Roll Printer



High-speed KL-Tx300 thermal transfer printer is designed for marking labels and tags within roll format. Light and compact design of the printer ensures the ease of use in the most challenging field conditions. All kinds of panel building components such as cable markers, terminal strip labels and other industrial labels can be marked with KL-Tx300.

## Software

KlemarkPRO is developed by Klemsan in order to manage all kinds of marking projects through one software.

- Easy setup. Operator needs only basic computer skills.
- Compatible with all Klemsan printers.
- Provides high performance for printing all types of texts, symbols and images.
- Advanced features provide high-quality preview and quick operation.
- Graphic design and Klecard universal drivers can be automatically uploaded during set-up. (Windows® compatibility.)



## Hardware Requirements

<b>CPU</b>	32-bit / 64-bit Intel® or AMD® Processor
<b>RAM</b>	2 GB of RAM (4 GB recommended)
<b>Disc Space (HDD/SDD)</b>	4.0 GB of free disk space for installation
<b>Display</b>	15.6" monitor (17" recommended)
<b>Input Devices</b>	Keyboard, three-button mouse

## Software Requirements

<b>Operating System</b>	Microsoft® Windows® Vista, 7, 8/8.1/10 with .NET Framework 4.0
<b>Internet Browser</b>	Microsoft® Internet Explorer®, Google Chrome™, Mozilla® Firefox®

## Software Features

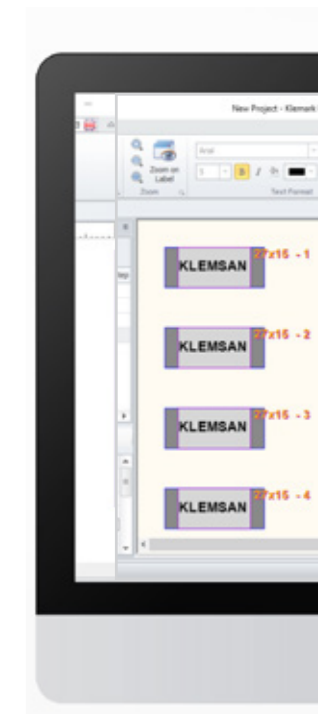
### Reconfiguration Oriented Project

The marking project is a relational database which can be continuously reconfigured, by sorting and grouping different materials on different machines. You can modify, complete your project or adapt it to different system configurations in an efficient way with minimum effort.

### Intuitive User Interface That Complies with the WYSIWYG (What You See is What You Get) Philosophy of MS-Windows

The user can manage these records in a combined Tree-Grid view with sorting, filtering and grouping functions.

- The preview of project pages is automatically updated after editing as immediate feedback.
- Visual editing in preview screen and synchronization with the Tree-Grid view.
- Undo/Redo functions for project operations on records/project.
- Clipart collection of symbols by dragging and dropping into the project (in Graphic Mode).
- Simple Text and RTF (rich-text-format) editing capability on labels.
- Graphic Editor for labels with support for RTF, Barcode, QR-Code, circular text, vector and raster images.



## Material Management

The material hierarchical (Tree-Grid) view allows direct selection into preview screen for visual editing.

## Material and Custom Label Designer

Easy and functional geometrical label design and text attributes for Klemsan standard materials and customer predefined/layout labels. Smart way of assigning printing settings to each material from parameter database.

## Strip / Endless / Ribbon Material Support

The Terminal Strip Editor is a powerful graphic editor with print preview capabilities for ribbon/strip materials.

## Printer Settings

Printers management utility for assigning printers to materials category, also for defining the materials organization on each printer pad.

## Print Settings

Capability for selection, copy factors, machine settings control during the printing process.

## Page Printing Management

The pages to be printed can be viewed hierarchically (Tree-Grid) which allows label grouping or individual label selection.

## International Language Support

The application fully supports UNICODE languages for the user interface and for the text to be marked.

## KLECARD Thermal Card Printing

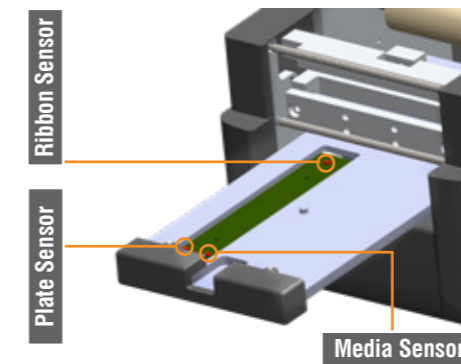


Cat. No.	Product
806 000	Klecard Thermal Card Printer

The marking process has never been so effortless. Printing dozens of labels and tags just in seconds will give you an opportunity to complete your projects faster than what you plan. Klecard is the new amazing marking solution based on the thermal transfer print technology, which is alcohol-proof, smudge-proof and waterproof with no drying time. Klecard is so fast that you can print any kind of label card in less than 10 seconds with a huge thermal resistance level according to international standards. It is ideal for high volume applications with low-cost printing per card with a resolution of 300 x 600 dpi.

Terminal blocks, cables, panel components, buttons and many more products can be marked with our Klecard Printer thanks to our marking software Klemark-Pro.

## Features



- Ribbon saving algorithm; ensures the optimal ribbon usage, lowering printing cost and maximizing efficiency.
- Built-in printhead integrity check; which automatically tests any printhead single element and ensures high-quality texts, symbols, barcodes and images.
- Perfect printing mode; which allows you to print different media types with the best settings of the printer (speed rate, printing intensity and ribbon control).
- Automatic temperature sensing; which controls the status of the printhead to adjust it at the best conditions depending on the operating environment climate.
- Sensing control; Klecard has three sensors to manage ribbon, plates and media. The machine will start printing only when the plate, the ribbon and media are placed on the machine.

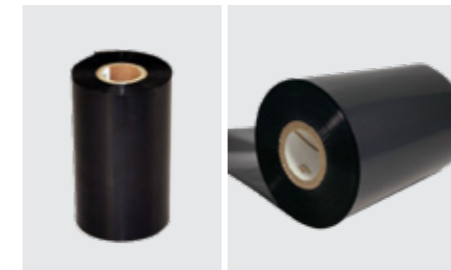
**Warning:** The printhead working temperature condition is between 5-55 °C range.

## Package Contents



- 1 KleCard Printer
- 1 Power Supply
- 1 Power Cable (Schuko Standard)
- 1 Plate for Flat Media
- 1 Plate for Cable Markers
- 1 Plate for Terminal Blocks Markers
- 1 USB Cable

## Klecard and Accessories



## Ribbons

Cat. No.	Product	Size (mm)	Color	Qty.
806 100	KL-RB Ribbon	110x300	Black	1

- Klecard's resin ribbons are premium grade with high-performance formula.
- The ribbon is 110 mm wide and 300 meters long.
- Low heat thermal transfer ability settings of the printer will minimize the printhead aging.
- Long durability (outdoor and indoor), excellent resistance to UV, scratch, abrasion, rubbing, steam, sweat, water, alcohol and many chemicals.
- The printing can resist up to 150°C.
- Easy replacement: the inner cores are a unique Klemsan design for easy and fast ribbon change.

**Note:** To ensure the best printing quality and efficiency on Klemsan Thermal Marking Systems, only Klemsan original consumable products must be used. Otherwise, the subject products will not be covered by warranty conditions.

# Klecard and Accessories

## Plates

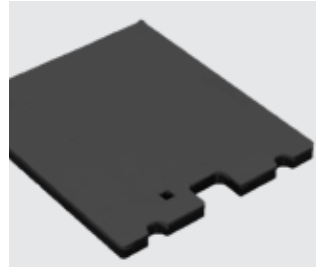


Plate KL-PLT A for Terminal Block Markers

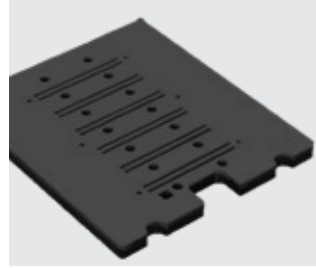


Plate KL-PLT B for Flat Media

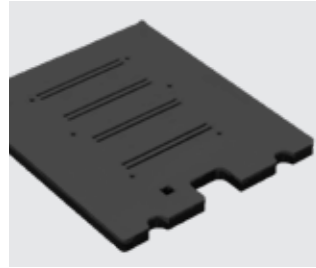
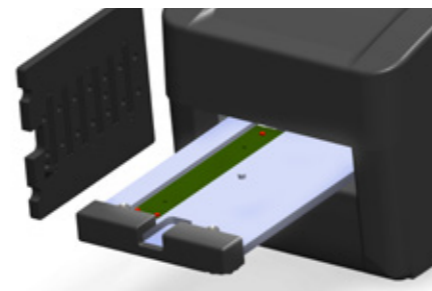
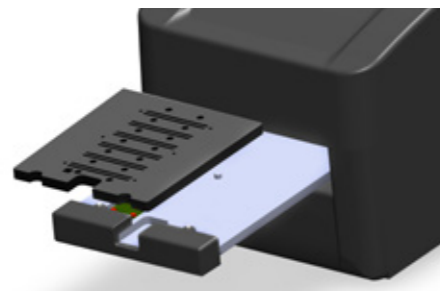
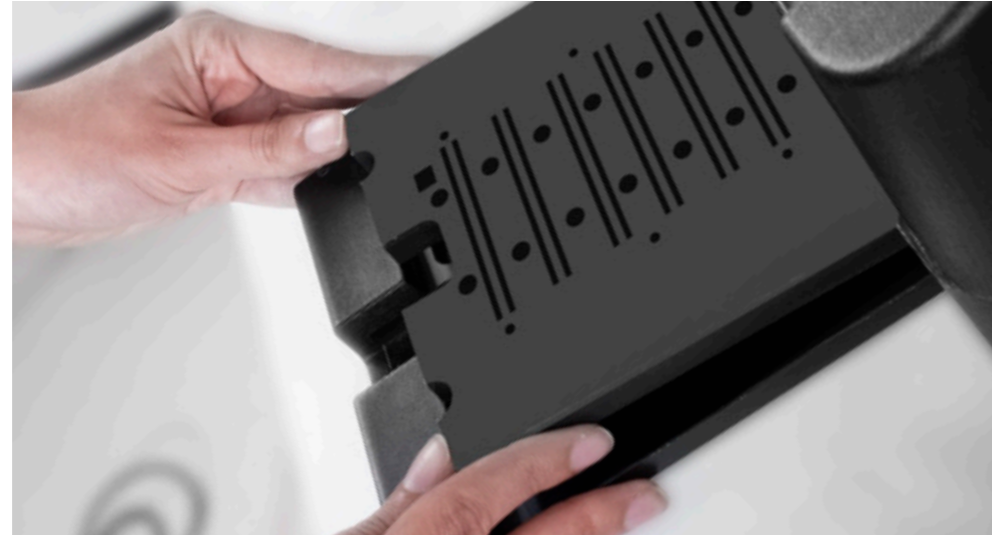
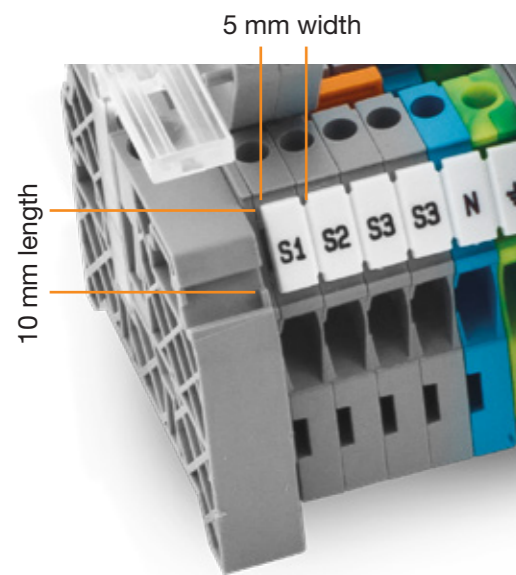


Plate KL-PLT C for Clip-it Cable Markers

Cat. No.	Product
806 010	KL-PLT A Plate (for Terminal Block Markers)
806 020	KL-PLT B Plate (for Flat Media)
806 030	KL-PLT C Plate (for Clip-it Cable Markers)



## Marking for Terminal Blocks



Cat. No.	Product	Print Area (mm)	Color	Labels per Card	Labels per Pack
811 750	D-NS 5x10	4,2x9,8	White	72	720
812 250	D-NS 6x10	5,2x9,8	White	60	600
812 750	D-NS 8x10	7,2x9,8	White	48	480
813 100	D-NS 10x10	9,2x9,8	White	36	360
813 450	D-NS 12x10	11,2x9,8	White	30	300
810 300	D-NS 5x6	4,4x6,0	White	72	720
810 450	D-NS 5,2x6	4,4x6,0	White	72	720
810 150	D-NS 4,2x6	3,6x6,0	White	84	840
810 600	D-NS 6,2x6	5,4x6,0	White	60	600
810 750	D-NS 8x6	6,4x6,0	White	48	480
811 000	D-NS 10x6	8,4x6,0	White	36	360
811 250	D-NS 12x6	10,4x6,0	White	30	300

Product	D_NS 5x6	D_NS 5x10	D_NS 6x10	D_NS 8x10	D_NS 10x10
AVK 2,5		✓			
AVK 4			✓		
AVK 6				✓	
AVK 10					✓
AVK 16					✓
AVK 50					
AVK 95					
AVK 150					
AVK 240					
AVK 2,5 RD		✓			
AVK 4 RD			✓		
AVK 16 RD					✓
AVK 25 RD					✓
AVK 35 RD					✓
AVK 70 RD					
AVK 50T					
AVK 2,5T RD			✓		
AVK 4 T RD				✓	
AVK 16 T RD					✓
AVK 35 T RD					✓
AVK PB 50					
AVK PB 70 RD					
AVK PB 95					
AVK PB 150					
AVK PB 240					
AVK 95 B					✓
AVK 150 B					✓
AVK 240 B					✓
AVK 2,5 CC			✓		
AVK 4 GD		✓		✓	
AVK 10 RD 4					✓
AVK 2,5 F			✓		
AVK 2,5 CF			✓		
AVK 2,5 A			✓		
AVK 2,5R			✓		
AVK 2,5RT			✓		
AVK SKT		✓			
AVK SKTD		✓			
AVK AS				✓	
AVK ASD				✓	
AVK 2,5 CCT			✓		
AVK 10 T RD 4					✓
AVK 2,5 EA			✓		
AVK 2,5 CCA			✓		
AVK 4 FS		✓			
AVK 10 RD 4					✓
AVK 2,5 F		✓			
AVK 2,5 CF		✓			
AVK 2,5 A		✓			
AVK 2,5R		✓			
AVK 2,5RT		✓			
AVK SKT	✓				
AVK SKTD	✓				

Product	D_NS 5x6	D_NS 5x10	D_NS 6x10	D_NS 8x10	D_NS 10x10
AVK AS			✓		
AVK ASD			✓		
AVK 2,5 CCT		✓			
AVK 10 T RD 4					✓
AVK 2,5 EA		✓			
AVK 2,5 CCA		✓			
AVK 4 FS	✓				
AVK 2,5-4TK			✓		
AVK 4A					
AVK 4CC			✓		
AVK 4CCA			✓		
AVK 4CE			✓		
AVK 4CEA			✓		
AVK Y4					
AVK Y6				✓	
AVK Y10					✓
AVK 4R			✓		
AVK 4RT			✓		
AVK 6TK				✓	
AVK 10TK					✓
AVK 35 IRDS					✓
AVK 35 RDS					✓
AVK 35T IRDS					✓
AVK 35T RDS					✓
MVK 2,5					
PIK 2,5 N		✓			
PIK 2,5 NK		✓			
PIK 2,5 ND-A		✓			
PIK 2,5 ND-B		✓			
PIK 2,5 NLD		✓			
PIK 4 N			✓		
PIK 4 NK			✓		
PIK 4 ND-A			✓		
PIK 4 ND-B			✓		
PIK 4 NLD			✓		
PIK 2,5 NT		✓			
PIK 4 NT			✓		
ASK 4 B				✓	
ASK 4 S				✓	
ASK 4 LD				✓	
ASK 5				✓	
ASK 5B				✓	
ASK 5 LD				✓	
PYK 1,5 M					
PYK 1,5					
PYK 2,5		✓			
PYK 4			✓		
PYK 6				✓	
PYK 10					✓
PYK 1,5 MT					
PYK 2,5 T		✓			
PYK 4 T			✓		
PYK 6 T				✓	

Product	D_NS 5x6	D_NS 5x10	D_NS 6x10	D_NS 8x10	D_NS 10x10
PYK 10 T					✓
PYK 2,5-2 F		✓			
PYK 2,5-2 FK		✓			
PYK 2,5 - 2 FLD		✓			
PYK 4 - 2 F			✓		
PYK 2,5 - 2 FD A		✓			
PYK 2,5 - 2 FD B		✓			
PYK 2,5 - 3 F		✓			
PYK 2,5 - 2 FT		✓			
PYK 2,5 - 3 FT		✓			
PYK 3 S		✓			
PYK 3 SLD (NPN)		✓			
PYK 3 SLD (PNP)		✓			
PYK 4 S				✓	
PYK 4 I				✓	
PYK 4 ILD				✓	
PYK 4 SLD				✓	
PYK 2,5 A		✓			
PYK 2,5 EA		✓			
PYK 2,5 OCA		✓			
PYK 2,5 E		✓			
PYK 2,5 ET		✓			
PYK 2,5 C		✓			
PYK 2,5 CT		✓			
PYK 4 E			✓		
YBK 2,5		✓			
YBK 4			✓		
YBK 6				✓	
YBK 10					✓
YBK 2,5 T		✓			
YBK 4 T			✓		
YBK 6 T				✓	
YBK 10 T					✓
YBK 2,5-2 F	✓				
YBK 2,5-2 FK	✓				
YBK 2,5-2 FD-A	✓				
YBK 2,5-2 FD-B	✓				
YBK 2,5-2 FLD	✓				
YBK 4-2 F			✓		
YBK 4-2 FK			✓		
YBK 4-2 FD-A			✓		
YBK 4-2 FD-B			✓		
YBK 4-2 FLD			✓		
YBK 2,5-3 F	✓				
YBK 2,5-2 FT	✓				
YBK 2,5-3 FLD (NPN)	✓				
YBK 2,5-3 FLD (PNP)	✓				
YBK 3 S	✓				
YBK 3 SLD (NPN)	✓				
YBK 3 SLD (PNP)	✓				
YBK S	✓				
YBK SB	✓				
YBK SLD	✓				

Product	D_NS 5x6	D_NS 5x10	D_NS 6x10	D_NS 8x10	D_NS 10x10
YBK 2,5 A		✓			
YBK I	✓				
YBK IB	✓				
YBK ILD	✓				
YBK 2,5 E		✓			
YBK 2,5 C		✓			
YBK 2,5 CX2		✓			
YBK 2,5 CD		✓			
YBK 2,5 CLD		✓			
YBK 2,5 CT		✓			
YBK 2,5 ET		✓			
PCY 2,5	✓				
PCY 2,5 N	✓				
PCY 2,5 E	✓				
PCY 2,5 L	✓				
PCY 2,5 EL	✓				
PB 2,5			✓		
PB 2,5T			✓		
PB 2,5K			✓		
PB 6				✓	
PB 6K				✓	
PB 25_M5					✓
PB 25_M6					✓
PB 6 T				✓	
CPB 6	✓				
CPB 6B	✓				
WGO 1				✓	
WGO 2 N					✓
WGO 2 IR					✓
WGO 3				✓	
WGO 4				✓	
WGO 5				✓	
WGL 1				✓	
WGO Y 6				✓	
WGO YD 6				✓	
WGO PB 6				✓	
WGO PBD 6				✓	
PYKM 2,5	✓				
PYKM 2,5 T	✓				
PYKMR 2,5	✓				
AYK 10/16	✓				
TRV 4 S	✓				

Product	D_NS 5,2x6	D_NS 6x10
WG - Eki		✓
PTP 2,5	✓	
PTP 2,5T	✓	
CTP 2,5	✓	
CTP 2,5T	✓	
CTP 2,5E	✓	
CTP 2,5ET	✓	
CTP 2,5C	✓	
CTP 2,5CT	✓	
CTP 2,5EA	✓	
CTP 2,5-2F	✓	
CTP 2,5-FT	✓	
CTP 2,5-2T	✓	
CTP 2,5-2FK	✓	
SG_PT 2,5	✓	
SG_PT 2,5CS	✓	
SG_PT 2,5DB	✓	
SG_PT 2,5AN	✓	
SC_PT 2,5	✓	
SC_PTS 2,5	✓	
SC_PTR 2,5	✓	
SRD 2,5	✓	
SRD 2,5D-A	✓	
SRD 2,5D-B	✓	
SRD 2,5E	✓	
SRD 2,5ED-A	✓	
SRD 2,5ED-B	✓	
SRD 2,5C	✓	
SRD 2,5CD-A	✓	
SRD 2,5CD-B	✓	
SRD 2,5Cx2	✓	
SRD 2,5CLD-24VDC	✓	
SRD 2,5CLD-24VAC	✓	
SRD 2,5CLD-48VDC	✓	
SRD 2,5CLD-48VAC	✓	
SRD 2,5CLD-110VDC	✓	
SRD 2,5CLD-110VAC	✓	
SRD 2,5CLD-220VDC	✓	
SRD 2,5CLD-220VAC	✓	
SRD 2,5A	✓	
SRD 2,5AD-A	✓	
SRD 2,5AD-B	✓	
SRD 2,5AK	✓	
SRD 2,5EA	✓	
SRD 2,5EAD-A	✓	
SRD 2,5EAD-B	✓	
SRD 2,5EAK	✓	
SRD 2,5CA	✓	
SRD 2,5CAD-A	✓	
SRD 2,5CAD-B	✓	
SRD 2,5CAK	✓	
SRD 2,5-2F	✓	

Product	D_NS 5,2x6	D_NS 6x10
SRD 2,5-2FD-A	✓	
SRD 2,5-2FD-B	✓	
SRD 2,5-2FD-R	✓	
SRD 2,5-2FLD-24VDC	✓	
SRD 2,5-2FLD-24VAC	✓	
SRD 2,5-2FLD-48VDC	✓	
SRD 2,5-2FLD-48VAC	✓	
SRD 2,5-2FLD-110VDC	✓	
SRD 2,5-2FLD-110VAC	✓	
SRD 2,5-2FLD-220VDC	✓	
SRD 2,5-2FLD-220VAC	✓	
SRD 2,5-F2D-A	✓	
SRD 2,5-F2D-B	✓	
SRD 2,5-FD-L	✓	
SRD 2,5-FN	✓	
SRD 2,5-2FK	✓	
SRD 2,5-FT	✓	
SRD 2,5-NT	✓	
SRD 2,5-3F	✓	
SRD 2,5-3FK	✓	
SRD 2,5-2KF	✓	
SRD 2,5-3FLD-24VDC	✓	
SRD 2,5-3FLD-48VDC	✓	
SRD 2,5-3FLD-110VDC	✓	
SRD 2,5-3FLD-220VDC	✓	
SRD 2,5-2FT	✓	
SRD 3S	✓	
SRD 3SLD-NPN	✓	
SRD 3SLD-PNP	✓	

## Marking For Cables

### Clip-it Cable Markers - KE-NS Series

KE1-NS 4x18



Cat. No.	Product	Print Area (mm)	Max.Cable Diameter (mm)	Color	Labels per Card	Labels per Pack
814 300	KE1-NS 4x12 W (0,5-1,5mm <sup>2</sup> )	4x12	2,00-2,90	White	40	240
814 500	KE2-NS 4x12 W (1,5-2,5mm <sup>2</sup> )	4x12	2,90-3,50	White	36	180
814 700	KE3-NS 4x12 W (4,0-6,0mm <sup>2</sup> )	4x12	4,00-4,60	White	32	128
814 900	KE1-NS 4x18 W (0,5-1,5mm <sup>2</sup> )	4x18	2,00-2,90	White	40	240
815 100	KE2-NS 4x18 W (1,5-2,5mm <sup>2</sup> )	4x18	2,90-3,50	White	36	180
815 300	KE3-NS 4x18 W (4,0-6,0mm <sup>2</sup> )	4x18	4,00-4,60	White	36	180
814 303	KE1-NS 4x12 Y (0,5-1,5mm <sup>2</sup> )	4x12	2,00-2,90	Yellow	40	240
814 503	KE2-NS 4x12 Y (1,5-2,5mm <sup>2</sup> )	4x12	2,90-3,50	Yellow	36	180
814 703	KE3-NS 4x12 Y (4,0-6,0mm <sup>2</sup> )	4x12	4,00-4,60	Yellow	32	128
814 903	KE1-NS 4x18 Y (0,5-1,5mm <sup>2</sup> )	4x18	2,00-2,90	Yellow	40	240
815 103	KE2-NS 4x18 Y (1,5-2,5mm <sup>2</sup> )	4x18	2,90-3,50	Yellow	36	180
815 303	KE3-NS 4x18 Y (4,0-6,0mm <sup>2</sup> )	4x18	4,00-4,60	Yellow	36	180

Halogen Free - VO raw material.



NEW - Yellow Color Option

## Marking For Cables

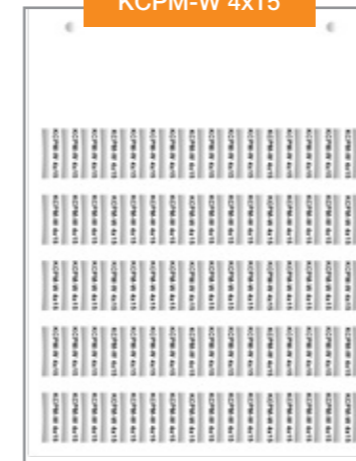
### Cable Markers - KCPM Series



KCPM-Y 4x15



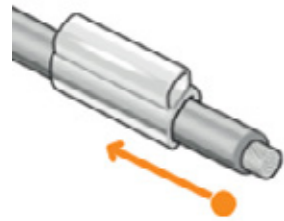
KCPM-W 4x15



Cat. No.	Product	Print Area (mm)	Color	Labels per Card	Labels per Pack
808 951	KCPM-W 4x10	4x10	White	112	20
808 952	KCPM-W 4x15	4x15	White	80	20
808 954	KCPM-W 4x30	4x30	White	48	20
809 001	KCPM-Y 4x10	4x10	Yellow	112	20
809 002	KCPM-Y 4x15	4x15	Yellow	80	20
809 004	KCPM-Y 4x30	4x30	Yellow	48	20

- High impact strength PVC.
- Thickness: 500 microns
- Surface: Glossy
- Durable and impact resistant.
- This product resists water, chemicals, grease and oils.
- KCPM cable markers designed for marking cables. Markers must be inserted into transparent holders.
- Temperature range: - 30°C + 60°C

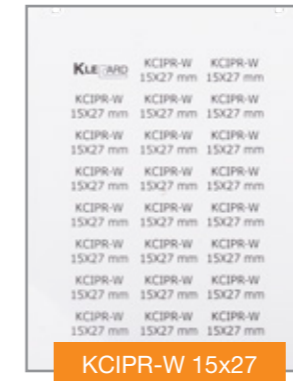
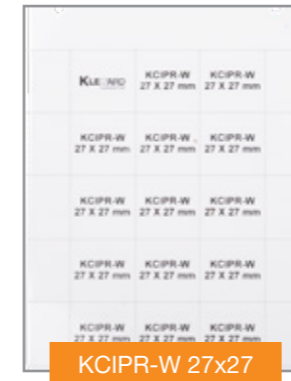
## Transparent Holders For Cable Markers - KCKKS Series



Cat. No.	Product	Qty.
809 100	KCKKS 10 / 0,5-1,5 mm <sup>2</sup>	500
809 110	KCKKS 15 / 0,5-1,5 mm <sup>2</sup>	500
809 120	KCKKS 18 / 0,5-1,5 mm <sup>2</sup>	500
809 130	KCKKS 23 / 0,5-1,5 mm <sup>2</sup>	500
809 140	KCKKS 30 / 0,5-1,5 mm <sup>2</sup>	500
809 150	KCKKS 10 / 1,5-2,5 mm <sup>2</sup>	500
809 160	KCKKS 15 / 1,5-2,5 mm <sup>2</sup>	500
809 170	KCKKS 18 / 1,5-2,5 mm <sup>2</sup>	500
809 180	KCKKS 23 / 1,5-2,5 mm <sup>2</sup>	500
809 190	KCKKS 30 / 1,5-2,5 mm <sup>2</sup>	500
809 200	KCKKS 10 / 2,5-4 mm <sup>2</sup>	500
809 210	KCKKS 15 / 2,5-4 mm <sup>2</sup>	500
809 220	KCKKS 18 / 2,5-4 mm <sup>2</sup>	500
809 230	KCKKS 23 / 2,5-4 mm <sup>2</sup>	500
809 240	KCKKS 30 / 2,5-4 mm <sup>2</sup>	500
809 250	KCKKS 10 / 6-10 mm <sup>2</sup>	500
809 260	KCKKS 15 / 6-10 mm <sup>2</sup>	500
809 270	KCKKS 18 / 6-10 mm <sup>2</sup>	500
809 280	KCKKS 23 / 6-10 mm <sup>2</sup>	500
809 290	KCKKS 30 / 6-10 mm <sup>2</sup>	500
809 300	KCKKS 10 / 16-25 mm <sup>2</sup>	500
809 310	KCKKS 15 / 16-25 mm <sup>2</sup>	500
809 320	KCKKS 18 / 16-25 mm <sup>2</sup>	500
809 330	KCKKS 23 / 16-25 mm <sup>2</sup>	200
809 340	KCKKS 30 / 16-25 mm <sup>2</sup>	200

## Marking for Panel Surface and Components

### Rigid Flat PVC Markers - KCIPR Series



Cat. No.	Product	Print Area (mm)	Color	Labels per Card	Labels per Pack
808 551	KCIPR-W 15x27	15x27mm	White	24	20
808 552	KCIPR-W 18x27	18x27mm	White	21	20
808 553	KCIPR-W 27x27	27x27mm	White	15	20
808 554	KCIPR-W 15x50	15x50mm	White	16	20
808 555	KCIPR-W 15x67	15x67mm	White	8	20
808 601	KCIPR-Y 15x27	15x27mm	Yellow	24	20
808 602	KCIPR-Y 18x27	18x27mm	Yellow	21	20
808 603	KCIPR-Y 27x27	27x27mm	Yellow	15	20
808 604	KCIPR-Y 15x50	15x50mm	Yellow	16	20
808 605	KCIPR-Y 15x67	15x67mm	Yellow	8	20
808 651	KCIPR-S 15x27	15x27mm	Silver	24	20
808 652	KCIPR-S 18x27	18x27mm	Silver	21	20
808 653	KCIPR-S 27x27	27x27mm	Silver	15	20
808 654	KCIPR-S 15x50	15x50mm	Silver	16	20
808 655	KCIPR-S 15x67	15x67mm	Silver	8	20

- High impact strength PVC.
- Thickness: 500 microns
- Surface: Glossy
- Extremely durable and impact resistant.
- Flame resistant and self-extinguishing.
- This product resists water, chemicals, grease and oils.
- Temperature service: - 30°C + 60°C



## Marking for Panel Surface and Components

### Adhesive Flat PVC Markers - KCIPA-W Series



KCIPA-W 15x27



KCIPA-W 15x50



KCIPA-W 9x12

Cat. No.	Product	Print Area (mm)	Color	Labels per Card	Labels per Pack
808 701	KCIPA-W 10x17	10x17	White	78	20
808 702	KCIPA-W 9x12	9x12	White	120	20
808 703	KCIPA-W 6x15	6x15	White	154	20
808 704	KCIPA-W 9x15	9x15	White	105	20
808 705	KCIPA-W 8x20	8x20	White	80	20
808 706	KCIPA-W 9x35	9x35	White	45	20
808 707	KCIPA-W 9x50	9x50	White	30	20
808 708	KCIPA-W 8x27	8x27	White	48	20
808 709	KCIPA-W 12.5x27	12,5x27	White	30	20
808 710	KCIPA-W 15x27	15x27	White	27	20
808 711	KCIPA-W 18x27	18x27	White	21	20
808 712	KCIPA-W 27x27	27x27	White	15	20
808 713	KCIPA-W 18x35	18x35	White	21	20
808 714	KCIPA-W 15x50	15x50	White	18	20
808 715	KCIPA-W 15x67	15x67	White	9	20
808 716	KCIPA-W 50x100	50x100	White	2	40
808 717	KCIPA-W 105x130	105x130	White	1	20
808 718	KCIPA-W 75x100	75x100	White	1	20

- High impact strength PVC with double coated adhesive tape.
- Thickness of adhesive: 220 microns (So, total 500 + 220 microns for the adhesive cards).
- Permanent modified acrylic adhesive.
- High adhesion on different substrates & rough surfaces.
- High temperature resistance.
- High holding power.

## Marking for Panel Surface and Components

### Adhesive Flat PVC Markers - KCIPA-W Series



KCIPA-Y 6x15



KCIPA-Y 18x35

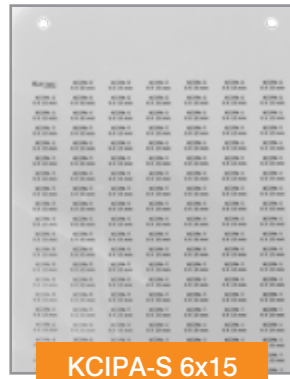


KCIPA-Y 15x50

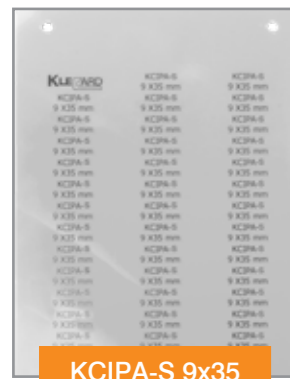
Cat. No.	Product	Print Area (mm)	Color	Labels per Card	Labels per Pack
808 751	KCIPA-Y 10x17	10x17	Yellow	78	20
808 752	KCIPA-Y 9x12	9x12	Yellow	120	20
808 753	KCIPA-Y 6x15	6x15	Yellow	154	20
808 754	KCIPA-Y 9x15	9x15	Yellow	105	20
808 755	KCIPA-Y 8x20	8x20	Yellow	80	20
808 756	KCIPA-Y 9x35	9x35	Yellow	45	20
808 757	KCIPA-Y 9x50	9x50	Yellow	30	20
808 758	KCIPA-Y 8x27	8x27	Yellow	48	20
808 759	KCIPA-Y 12.5x27	12,5x27	Yellow	30	20
808 760	KCIPA-Y 15x27	15x27,5	Yellow	27	20
808 761	KCIPA-Y 18x27	18x27	Yellow	21	20
808 762	KCIPA-Y 27x27	27x27	Yellow	15	20
808 763	KCIPA-Y 18x35	18x35	Yellow	21	20
808 764	KCIPA-Y 15x50	15x50	Yellow	18	20
808 765	KCIPA-Y 15x67	15x67	Yellow	9	20
808 766	KCIPA-Y 50x100	50x100	Yellow	2	40
808 767	KCIPA-Y 105x130	105x130	Yellow	1	20
808 768	KCIPA-Y 75x100	75x100	Yellow	1	20

## Marking for Panel Surface and Components

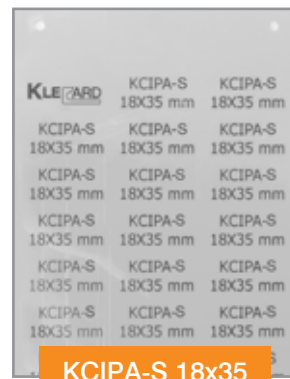
### Adhesive Flat PVC Markers - KCIPA-S Series



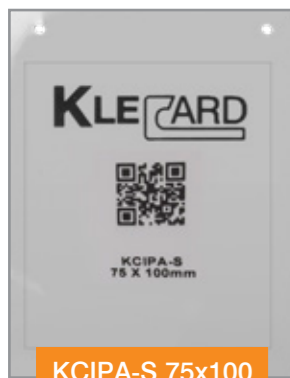
KCIPA-S 6x15



KCIPA-S 9x35



KCIPA-S 18x35



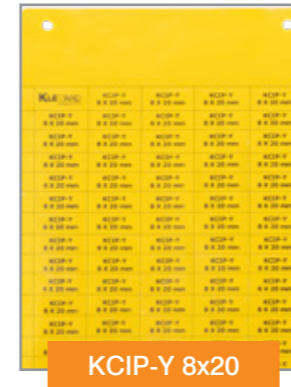
KCIPA-S 75x100



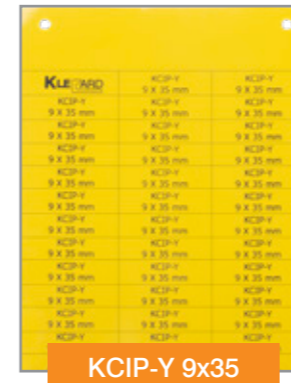
Cat. No.	Product	Print Area (mm)	Color	Labels per Card	Labels per Pack
808 801	KCIPA-S 10x17	10x17	Silver	78	20
808 802	KCIPA-S 9x12	9x12	Silver	120	20
808 803	KCIPA-S 6x15	6x15	Silver	154	20
808 804	KCIPA-S 9x15	9x15	Silver	105	20
808 805	KCIPA-S 8x20	8x20	Silver	80	20
808 806	KCIPA-S 9x35	9x35	Silver	45	20
808 807	KCIPA-S 9x50	9x50	Silver	30	20
808 808	KCIPA-S 8x27	8x27	Silver	48	20
808 809	KCIPA-S 12,5x27	12,5x27	Silver	30	20
808 810	KCIPA-S 15x27	15x27,5	Silver	27	20
808 811	KCIPA-S 18x27	18x27	Silver	21	20
808 812	KCIPA-S 27x27	27x27	Silver	15	20
808 813	KCIPA-S 18x35	18x35	Silver	21	20
808 814	KCIPA-S 15x50	15x50	Silver	18	20
808 815	KCIPA-S 15x67	15x67	Silver	9	20
808 816	KCIPA-S 50x100	50x100	Silver	2	40
808 817	KCIPA-S 105x130	105x130	Silver	1	20
808 818	KCIPA-S 75x100	75x100	Silver	1	20

## Marking for Panel Surface and Components

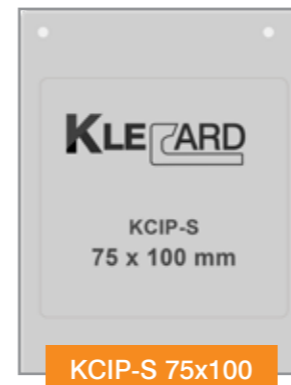
### Adhesive Vinly Markers - KCIP Series



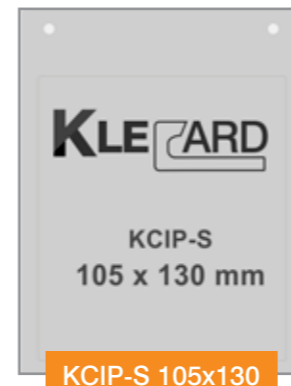
KCIP-Y 8x20



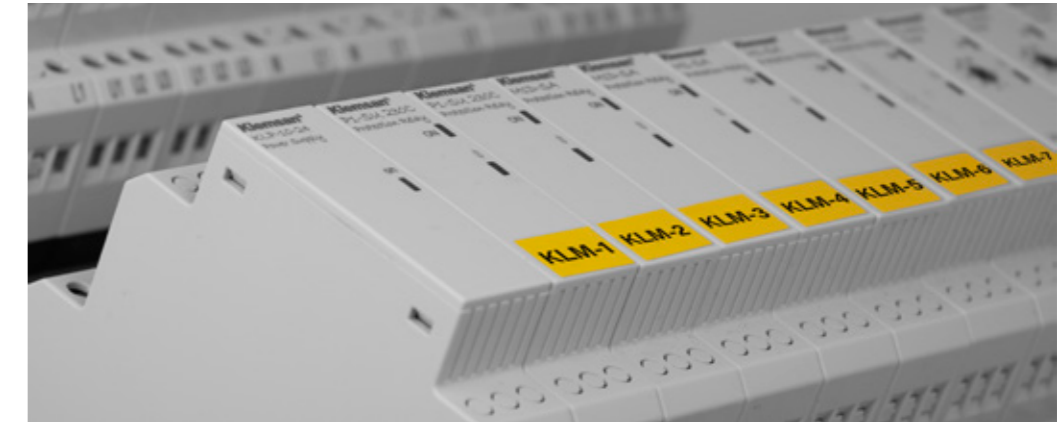
KCIP-Y 9x35



KCIP-S 75x100



KCIP-S 105x130



Cat. No.	Product	Print Area (mm)	Color	Labels per Card	Labels per Pack
808 500	KCIP-Y 7x44	7x44	Yellow	38	20
808 501	KCIP-Y 10x17	10x17	Yellow	78	20
808 502	KCIP-Y 9x12	9x12	Yellow	120	20
808 503	KCIP-Y 6x15	6x15	Yellow	154	20
808 504	KCIP-Y 9x15	9x15	Yellow	90	20
808 505	KCIP-Y 8x20	8x20	Yellow	80	20
808 506	KCIP-Y 9x35	9x35	Yellow	45	20
808 507	KCIP-Y 9x50	9x50	Yellow	30	20
808 508	KCIP-S 105x130	105x130	Silver	1	20
808 509	KCIP-S 75x100	75x100	Silver	1	20

- Vinyl adhesive flexible product.
- Thickness: 90 microns
- Surface: Glossy
- High degree of tear resistance and tear propagation resistance.
- Good ageing stability, waterproof.
- Permanent acrylic adhesive glue on the back.
- High tack on aluminum, steel, HSE plastic (high surface energy).
- Temperature service: - 40°C + 80°C.



## Marking for Panel Surface and Components

### Marking For Buttons



Y-BEK S  
BEK S



Y-BEK T  
BEK T



Y-PAEK 1730  
PAEK 1730



Y-PAEK 1752  
PAEK 1752



Y-PAEK 1770  
PAEK 1770

Cat. No.	Product	Print Area (mm)	Color	Qty.
508 600	Y-PAEK 1730	17x30	Black	100
508 603	PAEK 1730	17x30	Black	100
508 601	Y-PAEK 1752	17x52	Black	100
508 604	PAEK 1752	17x52	Black	100
508 602	Y-PAEK 1770	17x70	Black	100
508 605	PAEK 1770	17 x 70	Black	100
508 701	Y-BEK T (Telemecanique)	30x17	Black	100
508 705	BEK T (Telemecanique)	30x17	Black	100
508 700	Y-BEK S (Siemens)	30x17 (22,5)	Black	100
508 704	BEK S (Siemens)	30x17 (22,5mm)	Black	100

## KL-Tx300 - Thermal Roll Printing



Cat. No.	Product
808 452	KL-Tx300 Thermal Roll Printer

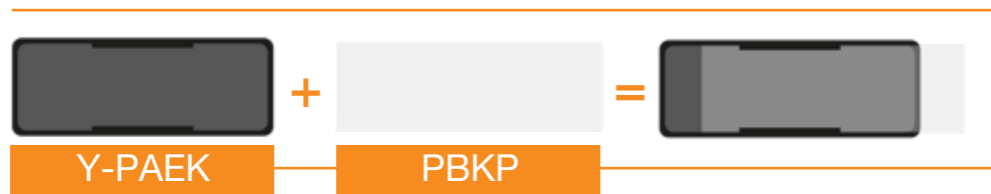
KL-Tx300 has the same system as KLeCard – Thermal transfer system. KL-Tx300 is designed for roll form tags and labels whereas KLeCard is designed for card shape media. KL-Tx300 labels are required to be polyester, paper or any kind of soft material which can easily pass through the thermal printhead. KL-Tx300 is the fastest and easiest way for high volume roll form labels printing with 300 dpi resolution. Three different sizes of black resin ribbons can be used with this printer.

Terminal blocks, cables, panel components, buttons, heat shrinkable sleeves and many more products can be marked with our KL-Tx300 Printer thanks to our marking software Klemark-Pro.

## Tag Holders Selection Guide



Cat. No.	Product	KCIPR 15x27	KCIPR 15x50	KCIPR 15x67
508 600	Y-PAEK 1730	✓		
508 601	Y-PAEK 1752		✓	
508 602	Y-PAEK 1770			✓
508 700	Y-BEK S	✓		
508 701	Y-BEK T	✓		



## Features



Next generation high-performance KL-Tx300 desktop thermal printer, brings new standards in thermal printing and offers greater performance, compared to other printers in his field. The 4 inch series can simply print anything, tiny little symbols, numbers, graphics and barcodes for your applications; from cable marking with the smallest dimensions up to information cards for machine identification. Create high-quality, fast and durable labels for your marking needs.

- 1) Print speed up to 203 mm (8 inch) per second
- 2) 128 MB flash and 128 MB SDRAM memory
- 3) MicroSD Flash memory expansion up to 32 GB
- 4) User-friendly, double-walled folding design
- 5) Serial cable, internal Ethernet,
- 6) USB 2.0 & USB Host standard
- 7) 3.5" Colour TFT display
- 8) Labels up to 127 mm (5 inch) diameter
- 9) 300 meter ribbon compatible
- 10) ENERGY STAR®qualified

High Availability  
Quick setup  
Economic Printing

## Features

### KL-Tx300 Hardware Features

Order No	808 452
Printer Model:	KL-Tx300 (No display)
Resolution in DPI:	300
Printing Method:	Thermal Transfer & Thermal Direct
Printing Speed:	152 mm/s (6")
Max. Width:	106 mm/s (4,17")
Max. Length:	11.430 mm/s (450")
Casing:	Double - walled folding design made of plastic
Dimensions (mm):	226 mm (G) x 198 mm (Y) x 332 mm (B)
Dimensions (inch):	8,90" (G) x 7,80" (Y) x 13,07" (B)
Weight:	3,75 kg
Label Rolls:	127 mm (5") outer diameter
Ribbon:	300 m meters max. length; 67 mm outer diameter; 1" core diameter
Ribbon Width:	40 mm to 110 mm (1,6" to 4,3")
Processor:	32-bit RISC CPU
Memory:	128 MB Flash Memory, 128 MB SDRAM Memory, MicroSD Flash memory expansion up to 32 GB
Connection:	USB 2.0; RS-232; Ethernet 10/100 Mbps; USB Host; Centronics (optional); External Bluetooth (server option); • External 802.11 b/g/n wireless module (server option)
Operating Buttons, LED/LCD:	Power switch; 1 Feed / Pause Button; LED panel with 8 large symbols / icons
Power:	Input: AC 100-240V, 2.5A, 50-60Hz Output: DC 24V, 3.75A, 90W
Sensors:	• Transmissive sensor for label gaps; Adjustable reflective marking sensor (Blackmark); Film rotation; Print head open
Real-Time Clock:	Optional
Internet Fonts:	• 8 alphanumeric bitmap fonts; Monotype Image® TrueType font set with a scalable CG Triumvirate bold condensed font
Barcode:	1D Barcode: Code 39, Code 93, Code 128UCC, Code 128 Charset A, B, C, Codebar, Interleave 2/5, EAN-8, EAN-13, EAN-128, UPCA, UPC-E, EAN and UPC 2 (5) Extension, MSI, PLESSEY, POSTNET, ITF14, EAN 14, Code 11, TELEPEN, TELEPENN, PLANET, Code 49, Deutsche Post Identcode 2D Barcode: TLC39, CODABLOCK F, PDF-417, Maxicode, DataMatrix, QR Code, Aztec, Micro PDF 417, GS1 DataBar (RSS Barcode)
Font / Barcode:	Rotation 0°, 90°, 180°, 270°
Printer Command:	TSPL-EZTM (Compatible with EPL, ZPL, ZPL II)
Material Type:	Endless, pre-punched, black marking, leporello-folded, notch, bracelet (externally wound)
Material Width:	19 to 112 mm (0,75" to 4,4")
Material Thickness:	0,055 to 0,254 mm (2,17" to 10 mil)
Material Core Diameter:	25,4 to 38,1 mm (1" to 1.5")
Label Length:	3 to 11.430 mm; (0,1" to 450")
Environmental	Operation: 5 to 40°C, 25 to 85% humidity (non-condensing)
Conditions:	Storage: -40 to 60°C, 10 to 90% humidity (non-condensing)
Safety Instructions:	FCC Klasse B, CE Klasse B, RCM, UL, cUL, TÜV/Safety, CCC
Environment Protection:	Corresponds to RoHS, WEEE
Accessories:	Windows Software CD, Quick Start Guide; USB Cable; Power Cord; External Universal Power Supply
Warranty:	Printer: 2 years; Print head: 25 km (1 million inches) or 12 months, whichever ends first; Back-pressure roller: 50 km (2 million inches) or 12 months, whichever ends first
Optional Accessories:	Centronics Parallel-Creation; Real-time Clock; 3.5" Colour TFT display (with real time clock); Ribbon End Sensor; Centronics Parallel Interface; Guillotine Knife (full)
Optional Operating Accessories:	Bluetooth module (serial interface); 802.11 b/g/n wireless module (serial port); External roller holder; KP-200 Plus keyboard with display; KU-007 Plus Programmable keyboard

## KL-Tx300 and Accessories

### Ribbons



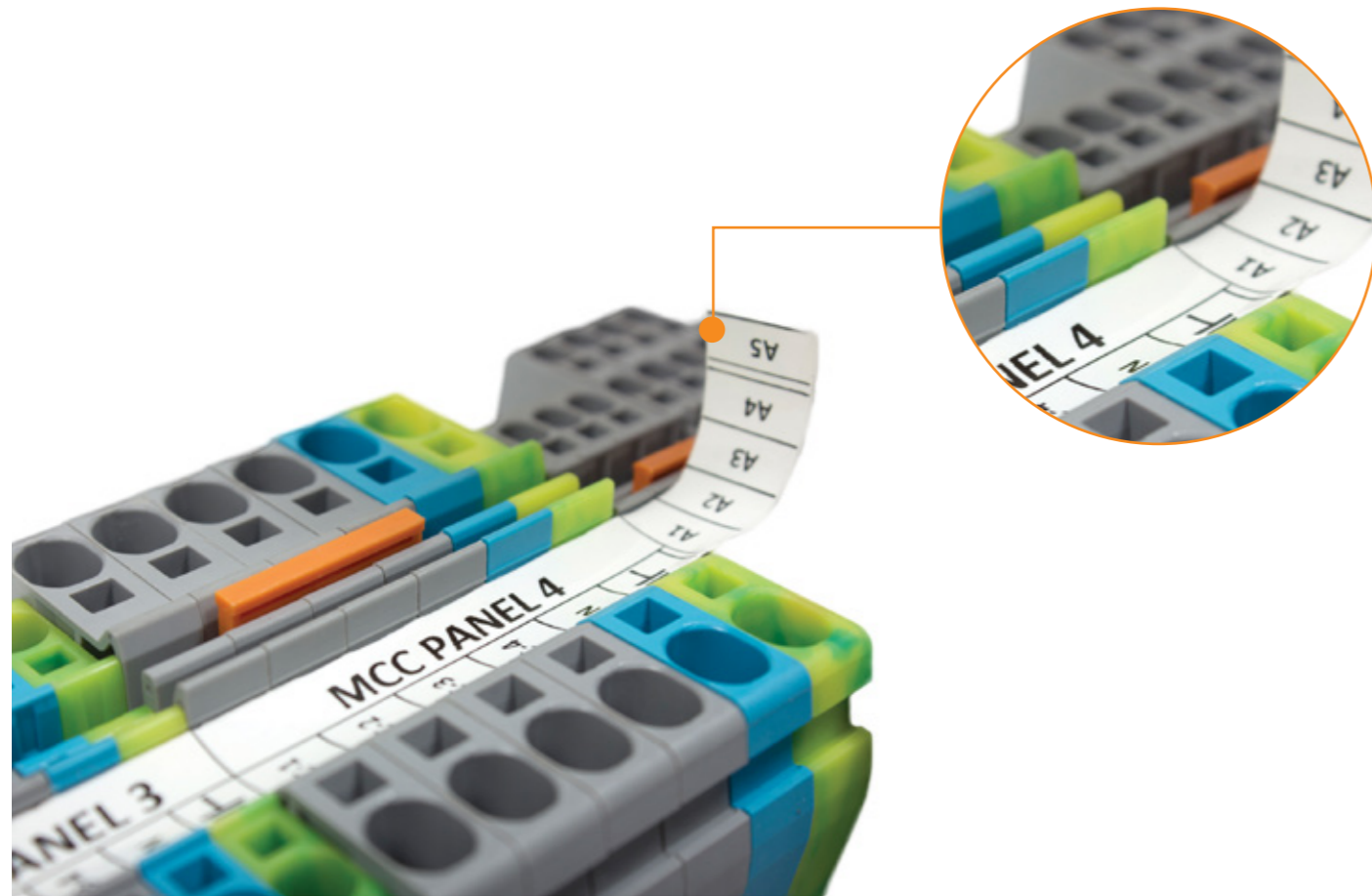
- 1) Thermal transfer film (ribbon) and labelling material
- 2) Thermal transfer head
- 3) Printed label
- 4) Pressing roller
- 5) Used thermal transfer film (ribbon)



Cat. No.	Product	Size (mm)	Color	Core	Qty.
1020 010	Klemark Ribbon	30x300	Black	25, 4 mm /1	1
1020 011	Klemark Ribbon	50x300	Black	25, 4 mm /1	1
1020 012	Klemark Ribbon	110x300	Black	25, 4 mm /1	1

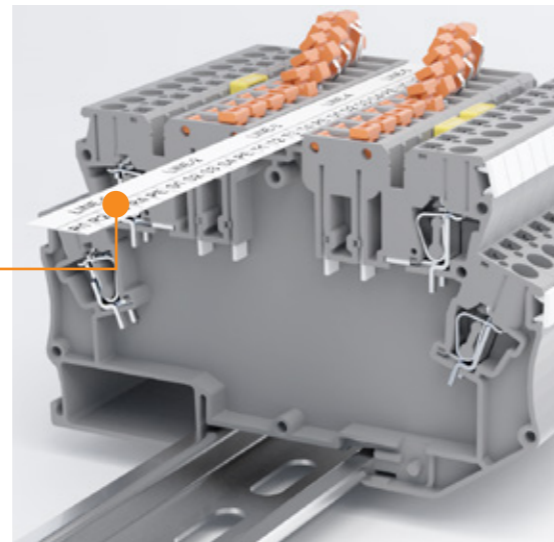
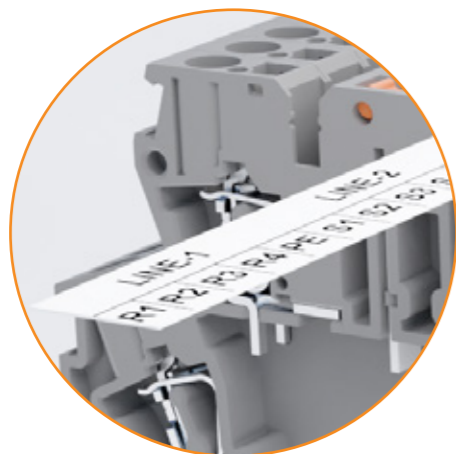
- Klemsan ribbons provides very high print quality for any applications on all types of labels.
- Customer can achieve very effective results while printing barcodes, large or small alphanumeric characters or logos.
- The resin ribbon structure allows printing on matt and glossy plastic surfaces, e.g. PVC, PET, PE, PP and more.
- High printing speed offers industrial marking solutions for packaging industry.
- KLEMSAN ribbons are ideal for processing with 200, 300, and 600 dpi thermal printheads.
- The innovative back coating of the ribbons can protect the printhead and prevents ribbon jams.

## Marking for Terminal Blocks



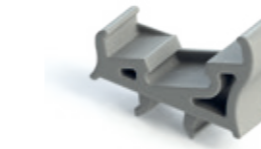
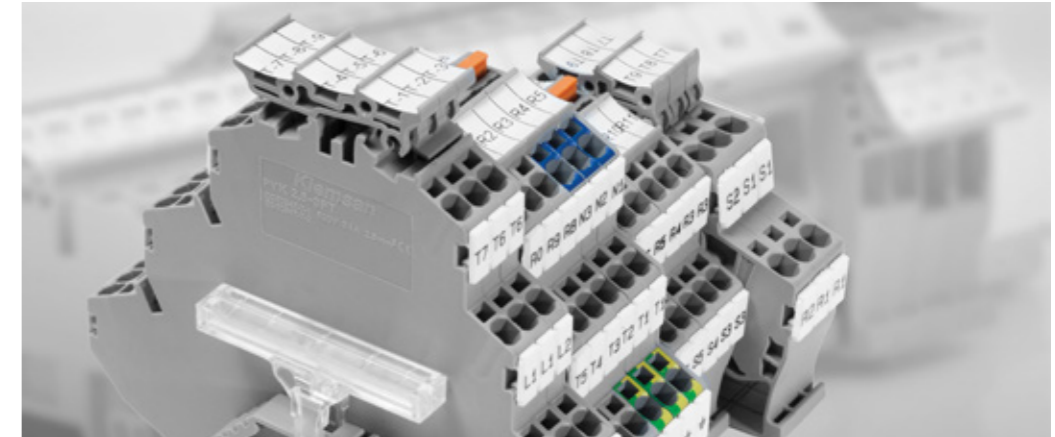
Cat. No.	Product	Size	Color	Qty.
1020 100	SLF - P1 W	11,2 mm x15 m	White	1
1020 110	SLF - P2 W	4,9 mmx15 m	White	1

- Strip labels provide a higher surface gloss as thermal process brings long-lasting marking solutions.
- High degree of tear resistance and tear propagation resistance.
- Good ageing stability, waterproof.
- This product resists water, chemicals, grease and oils.



## Marking for Terminal Blocks

### Group Marking Carrier



Cat. No.	Product	Description	Compatible with	Color	Qty.
498 210	ETS 2 PYK 2,5	Group Marking Carrier (two levels)	PYK 2,5 - 2 F / PYK 2,5 - 2 FK / PYK 2,5 - 3 F / PYK 2,5 - 2 FT / PYK 2,5 - 3 FT / PYK 2,5 2 FLD	Beige	50
498 219	ETS 2 PYK 2,5	Group Marking Carrier (two levels)	PYK 2,5 - 2 F / PYK 2,5 - 2 FK / PYK 2,5 - 3 F / PYK 2,5 - 2 FT / PYK 2,5 - 3 FT / PYK 2,5 2 FLD	Grey	50
498 217	ETS 2 PYK 2,5	Group Marking Carrier (two levels)	PYK 2,5 - 2 F / PYK 2,5 - 2 FK / PYK 2,5 - 3 F / PYK 2,5 - 2 FT / PYK 2,5 - 3 FT / PYK 2,5 2 FLD	Orange	50
498 220	ETS 3 PYK 2,5	Group Marking Carrier (three levels)	PYK 2,5 - 3 F / PYK 2,5 - 2 FT / PYK 2,5 - 3 FT	Beige	50
498 229	ETS 3 PYK 2,5	Group Marking Carrier (three levels)	PYK 2,5 - 3 F / PYK 2,5 - 2 FT / PYK 2,5 - 3 FT	Grey	50
498 227	ETS 3 PYK 2,5	Group Marking Carrier (three levels)	PYK 2,5 - 3 F / PYK 2,5 - 2 FT / PYK 2,5 - 3 FT	Orange	50
498 230	ETS 2 PYK 4	Group Marking Carrier (two levels)	PYK 4 - 2FN	Beige	25
498 239	ETS 2 PYK 4	Group Marking Carrier (two levels)	PYK 4 - 2FN	Grey	25
498 237	ETS 2 PYK 4	Group Marking Carrier (two levels)	PYK 4 - 2FN	Orange	25
498 289	ETS	Group Marking Carrier for Screw Terminals	AVK 2,5, AVK 10, AVK 4, AVK 6, AVK 25 RD, AVK 35 RDS, AVK 35 IRDS, AVK 16 RD, AVK 16, AVK 35 RD, AVK 2,5 / 4 TK, AVK 6 TK, AVK 10 TK, AVK 35 T RD, AVK 35 T RDS, AVK 35 T IRDS, AVK 2,5 RD, AVK 4 RD, AVK 2,5 CC, AVK 2,5 T RD, AVK 4 T RD, AVK 2,5 CCT, AVK 4 CCT, AVK 10 T RD 4, AVK 10 RD 4, AVK 4 CC, AVK 2,5 F, AVK 2,5 CF, AVK 95B, AVK 150B, AVK 240B, PIK 2,5 N, PIK 2,5 NT, PIK 4N, PIK 4 NT, ASK 3 A, AVK 2,5 CCA, AVK 4 CCA, ASK 4 B, WGO 3, WGO 1, WGL 1, YBK 2,5, YBK 4, YBK 6, YBK 10, YBK 2,5 T, YBK 4 T, YBK 6 T, YBK 10 T, YBK 2,5 A, YBK 2,5 E, YBK 2,5 C, YBK 2,5 CT, YBK 2,5 ET	Grey	100

## Marking for Cables

### Cable Markers - TTKP Series



1. Mark the signs on the perforation line.



2. Fold it on the crease line and slide it into label holder.



3. The flexible material optimally adapts to the selected mounting support.

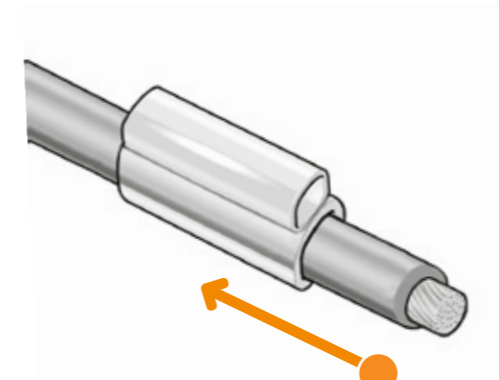
Cat. No.	Product	Print Area (mm)	Color	Labels per Line	Qty.
808 158	TTKP 8x10	8x10	Yellow / White	4	4.000
808 159	TTKP 8x15	8x15	Yellow / White	4	4.000
808 063	TTKP 8x30	8x30	White	2	2.500

- High - quality identification labels made of polyethylene on the roll for the production of fast and cost effective cable marking.
- Mounting Type: To be inserted into transparent label holders.
- Material: White Polyethylene 0.25 mm
- Roller Core: 40 mm



## Marking for Cables

### Transparent Holders For Cable Markers - KKS Series



Cat. No.	Product	Color	Qty.
506 786	KKS 10 / 0,5-1,5 mm <sup>2</sup>	Transparent	2000
506 788	KKS 15 / 0,5-1,5 mm <sup>2</sup>	Transparent	500
506 789	KKS 18 / 0,5-1,5 mm <sup>2</sup>	Transparent	500
506 790	KKS 23 / 0,5-1,5 mm <sup>2</sup>	Transparent	2000
506 791	KKS 30 / 0,5-1,5 mm <sup>2</sup>	Transparent	1000
506 710	KKS 10 / 1,5-2,5 mm <sup>2</sup>	Transparent	500
506 711	KKS 15 / 1,5-2,5 mm <sup>2</sup>	Transparent	500
506 714	KKS 18 / 1,5-2,5 mm <sup>2</sup>	Transparent	500
506 712	KKS 23 / 1,5-2,5 mm <sup>2</sup>	Transparent	500
506 713	KKS 30 / 1,5-2,5 mm <sup>2</sup>	Transparent	500
506 715	KKS 10 / 2,5-4,0 mm <sup>2</sup>	Transparent	500
506 716	KKS 15 / 2,5-4,0 mm <sup>2</sup>	Transparent	500
506 719	KKS 18 / 2,5-4,0 mm <sup>2</sup>	Transparent	500
506 717	KKS 23 / 2,5-4,0 mm <sup>2</sup>	Transparent	500
506 718	KKS 30 / 2,5-4,0 mm <sup>2</sup>	Transparent	500
506 720	KKS 10 / 6,0-10,0 mm <sup>2</sup>	Transparent	500
506 721	KKS 15 / 6,0-10,0 mm <sup>2</sup>	Transparent	500
506 724	KKS 18 / 6,0-10,0 mm <sup>2</sup>	Transparent	500
506 722	KKS 23 / 6,0-10,0 mm <sup>2</sup>	Transparent	500
506 723	KKS 30 / 6,0-10,0 mm <sup>2</sup>	Transparent	500
506 725	KKS 10 / 16,0-25,0 mm <sup>2</sup>	Transparent	500
506 726	KKS 15 / 16,0-25,0 mm <sup>2</sup>	Transparent	500
506 729	KKS 18 / 16,0-25,0 mm <sup>2</sup>	Transparent	500
506 727	KKS 23 / 16,0-25,0 mm <sup>2</sup>	Transparent	200
506 728	KKS 30 / 16,0-25,0 mm <sup>2</sup>	Transparent	200

- Soft PVC self-extinguishing complied with UL 94 V0.
- Cadmium-free, lead-free, silicon-free, teflon-free.
- Color: Transparent with light blue additive (non ageing).
- Temperature service: -40°C + 80°C
- This product has high resistance to alkali, alcohol, steam and a wide variety of chemicals.
- These transparent holders designed especially for our TTKP cable markers.

#### Selection Guide

	TTKP 8x10	TTKP 8x15	TTKP 8x30
KKS 10	✓		
KKS 15		✓	
KKS 30			✓

## Marking for Cables

### PVC Markers - I-KBE Series



1. Mark the signs on the perforation line.



2. Fold it on the crease line and slide it into KBE label holder.



3. Close the label carrier and attach to the cable using a cable tie.

Cat No.	Product	Print Area (mm)	Color	Qty.
808 164	I-KBE1 29x8 Y/W	29x8	Yellow / White	1.000
808 165	I-KBE2 39x15 Y/W	39x15	Yellow / White	1.000

- Economic and durable solution for cable marking by using cable-ties.
- Dual color design provides two color printing options on a single label for cost saving.
- Mounting Type: For transparent label holders.
- Material: Yellow/White Polyester
- Roller Core: 40 mm

#### Selection Guide

		I-KBE 1	I-KBE 2
520 110	KBE 1	✓	
520 120	KBE 2		✓



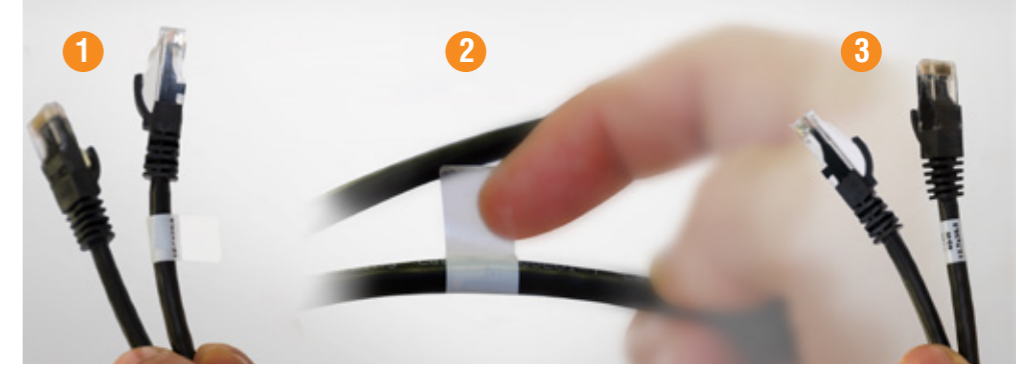
KBE 1



KBE 2

## Marking for Cables

### Self Laminated Cable Markers - TTSL Series



Cat No.	Product	Print Area (mm)	Cable Diameter (mm)	Color	Qty.
808 070	TTSL 40- WH 12,7x19,5	12.7x9.0	D: 3	White	5.000
808 071	TTSL 40- WH 19x23,8	19.0x9.0	D: 4	White	5.000
808 072	TTSL 40- WH 12,7x36,5	12.7x12.7	D: 7	White	5.000
808 073	TTSL 40- WH 19x44,5	19.0x12.7	D: 10	White	5.000
808 074	TTSL 40- WH 25,4x36,5	25.4x12.7	D: 7	White	1.500
808 075	TTSL 40- WH 25,4x57,15	25.4x19.0	D: 12	White	1.500
808 076	TTSL 40- WH 25,4x95,25	25.4x25.4	D: 22	White	1.500
808 077	TTSL 40- WH 25,4x152,4	25.4x38.0	D: 36	White	1.000
808 078	TTSL 40- WH 50,8x92,25	50.8x25.4	D: 22	White	1.000

- Wrap around self-adhesive cable labels.
- Consists of two parts, printable area is white and the rest is transparent.
- The transparent area provides protection for printed area.
- Mounting Type: Wrap around the cable.
- Material: Vinil 0.25mm
- Roller Core: 40mm

## Marking for Cables

### Printable Heatshrink Markers - HSL Series



Cat No.	Product	Cross-Section (mm)	Length (m)	Color	Qty.
579 010	HSL-02-Y	0,25 - 1	200	Yellow	1
579 011	HSL-03-Y	1 - 1,5	200	Yellow	1
579 012	HSL-04.5-Y	2,5	100	Yellow	1
579 013	HSL-06-Y	4 - 6	100	Yellow	1
579 014	HSL-10-Y	6 - 10	100	Yellow	1



Cat No.	Product	Qty.
1020 060	Adapter for KL-TX 300	1



## Marking for Panel Surface and Components

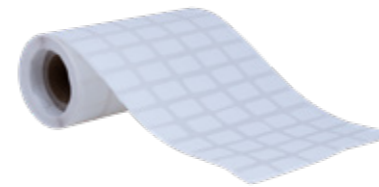
### Polyester Markers - PYE - SPYE Series



**SPYE**



**PYE**



Cat No.	Product	Print Area (mm)	Color	Qty.
808 429	SPYE-00 SV	27x12,5	Silver	2.500
808 430	SPYE- 01 SV	27x15	Silver	2.500
808 400	SPYE-02 SV	27x18	Silver	2.500
808 431	SPYE-03 SV	35x18	Silver	1.500
808 401	SPYE- 04 SV	70x30	Silver	250
808 402	SPYE-05 SV	90x40	Silver	250
808 454	SPYE-06 SV	100x50	Silver	250
808 432	SPYE-06 SV	45x15	Silver	2.000
808 403	PYE-01 YL	17x10	Yellow	2.500
808 420	PYE-01 SV	17x10	Silver	2.500
808 419	PYE - 01 W	17x10	White	2.500
808 404	PYE-02 YL	15x6	Yellow	2.500
808 422	PYE-02 SV	15x6	Silver	2.500
808 421	PYE-02 W	15x6	White	2.500
808 405	PYE-03 YL	12x9	Yellow	2.500
808 424	PYE-03 SV	12x9	Silver	2.500
808 423	PYE-03 W	12x9	White	2.500
808 406	PYE-04 YL	15x9	Yellow	2.500
808 426	PYE-04 SV	15x9	Silver	2.500
808 425	PYE-04 W	15x9	White	2.500
808 409	PYE-05 YL	18x8	Yellow	2.500
808 428	PYE-05 SV	18x8	Silver	2.500
808 427	PYE-05 W	18x8	White	2.500

- The high-quality roll type polyester labels for fast and efficient labelling and equipment identification.
- With Yellow, Silver and White color options semi-gloss polyester surface coating film provides excellent color protection for thermal transfer printing.
- This material allows perfect color transmission and precise printing process.
- The polyester labels are suitable for metal, lacquer and high-grade plastics applications.
- Mounting Type: Self-adhesive.
- Adhesive: Permanent Acrylic
- Adhesive Roller Core: 40 mm



## Marking for Panel Surface and Components

### Polyester Markers - LSL Series



Cat No.	Product	Print Area (mm)	Color	Qty.
808 433	LSL-03 W	30x20	White	1
808 434	LSL-03 SV	30x20	Silver	1
808 435	LSL-03 YL	30x20	Yellow	1
808 436	LSL-05 W	50x20	White	1
808 437	LSL-05 SV	50x20	Silver	1
808 438	LSL-05 YL	50x20	Yellow	1
808 439	LSL-08 W	80x20	White	1
808 440	LSL-08 SV	80x20	Silver	1
808 441	LSL-08 YL	80x20	Yellow	1



## Marking for Panel Surface and Components

### Thick Polyester Markers - ETPS Series



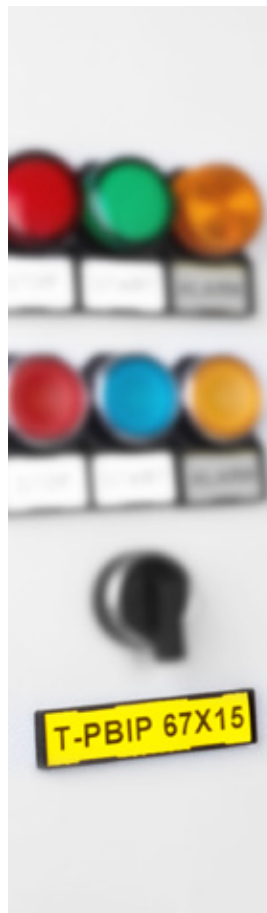
0.8 mm Thickness

Cat No.	Product	Print Area (mm)	Color	Qty.
808 064	ETPS 40-SV 27x12.5	27x12,5	Silver	200
808 065	ETPS 40-SV 27x15	27x15	Silver	150
808 066	ETPS 40-SV 35x18	35x18	Silver	125
808 067	ETPS 40-SV 45x15	45x15	Silver	125
808 068	ETPS 40-SV 60x30	60x30	Silver	125
808 069	ETPS 40-SV 90x45	90x45	Silver	100

- These innovative labels were developed to replace engraved and printed marking products.
- They are ideal for marking electrical components, housings, control cabinets, signalling elements, panels and much more.
- Mounting Type: Permanent acrylic adhesive
- Rollers: 40 mm
- Material: Polyester 0.8 mm
- Colours: Silver

## Marking for Panel Surface and Components

### Polyester Markers - T-PBIP Series



Cat No.	Product	Print Area (mm)	Color	Qty.
808 161	T-PBIP 27x15 Y/W	27x15	Yellow / White	1.000
808 162	T-PBIP 27x15 Y/W	50x15	Yellow / White	1.000
808 163	T-PBIP 67x15 Y/W	67x15	Yellow / White	1.000

- White / Yellow polyester labels must be inserted in adhesive panel-button label holders.
- Transparent protective layers can be placed on top of the printed labels.
- Rapid and economic solutions for marking panel surfaces and buttons.
- Dual color labels keep your costs lower.
- Mounting Type: Inserted within panel tag holders (Y-PAEK).
- Material: Yellow/White Polyester 0.18 mm
- Roller Core: 40 mm



Note: To ensure the best printing quality and efficiency on Klemsan Thermal Marking Systems, only Klemsan original consumable products must be used. Otherwise, the subject products will not be covered by warranty conditions.

## Marking for Panel Surface and Components

### Marking For Buttons



Y-BEK S  
BEK S

Y-BEK T  
BEK T

Y-PAEK 1730  
PAEK 1730

Y-PAEK 1752  
PAEK 1752

Y-PAEK 1770  
PAEK 1770

Cat. No.	Product	Print Area (mm)	Color	Qty.
508 600	Y-PAEK 1730	17x30	Black	100
508 603	PAEK 1730	17x30	Black	100
508 601	Y-PAEK 1752	17x52	Black	100
508 604	PAEK 1752	17x52	Black	100
508 602	Y-PAEK 1770	17x70	Black	100
508 605	PAEK 1770	17 x 70	Black	100
508 701	Y-BEK T (Telemecanique)	30x17	Black	100
508 705	BEK T (Telemecanique)	30x17	Black	100
508 700	Y-BEK S (Siemens)	30x17 (22,5)	Black	100
508 704	BEK S (Siemens)	30x17 (22,5mm)	Black	100

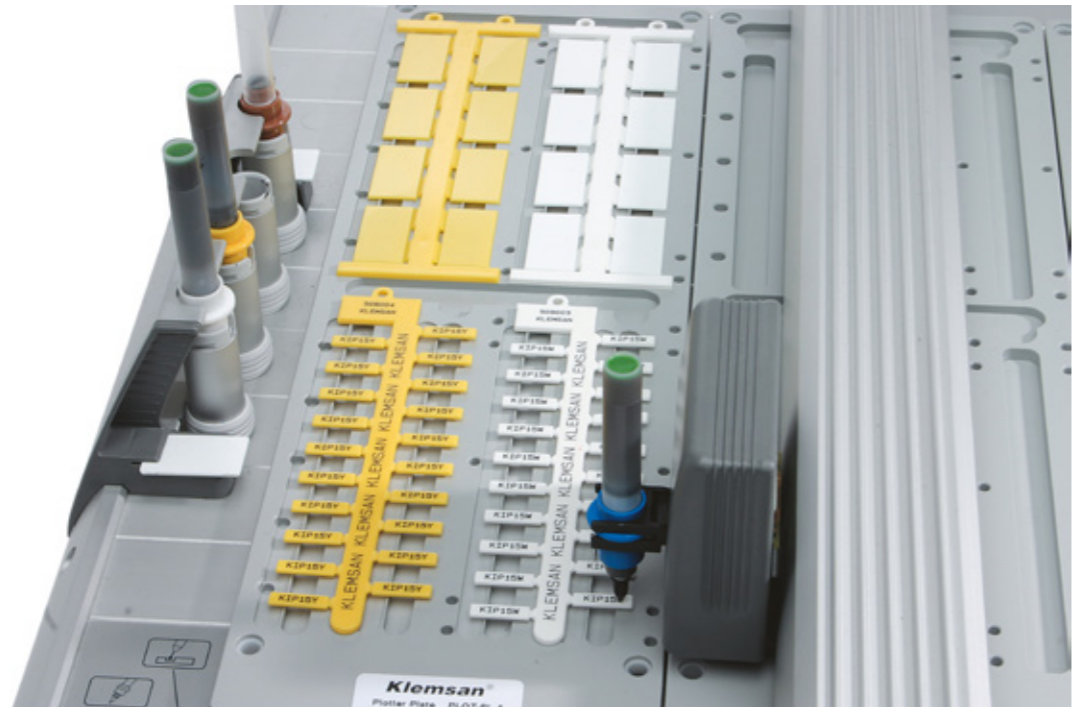
### Tag Holders Selection Guide



Cat. No.	Product	T-PBIP 27x15	T-PBIP 50x15	T-PBIP 67x15
508 600	Y-PAEK 1730	✓		
508 601	Y-PAEK 1752		✓	
508 602	Y-PAEK 1770			✓
508 700	Y-BEK S	✓		
508 701	Y-BEK T	✓		

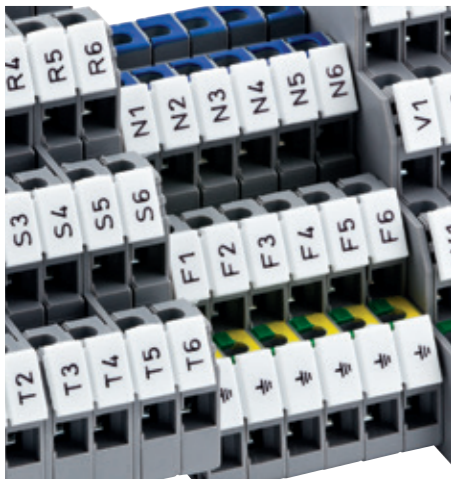


# Plotter Consumables

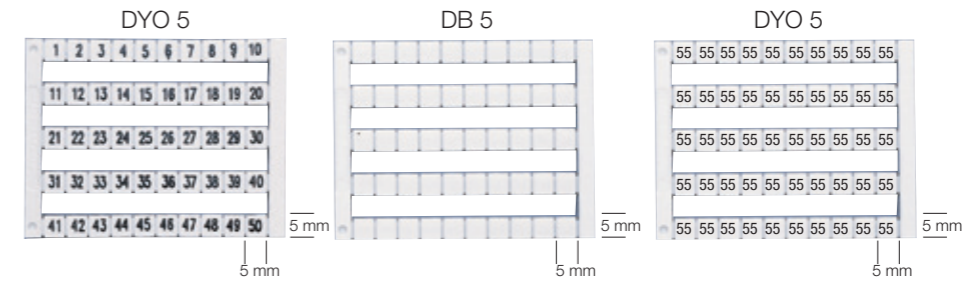


## Terminal Block Marking Tags

Cat. No.	Product	Print Area	Print Area (mm)	Color	Qty.
503 700	DB 7,5x4,5	Plate	7,5x4,5	White	500
505 940	DB 10/10	Plate	10x10	White	500
505 930	DB 10/8	Plate	10x8	White	500
503 000	DB 4	Plate	10x4	White	500
505 850	DB 5	Plate	5x5	White	500
505 910	DB 10/5	Plate	10x5	White	510
505 915	DB 10/6	Plate	10x6	White	510
505 920	DB 10/6,5	Plate	10x6,5	White	510
505 310	DG 10/5	Plate	10x5	White	440
505 320	DG 10/6	Plate	10x6	White	360
505 330	DG 6/5	Plate	6x5	White	400
505 340	DG 7/5	Plate	7x5	White	440
505 380	DG 10/5 T	Plate	10x5	White	440
505 390	DG 10/6 T	Plate	10x6	White	360
505 410	DG 10/8	Plate	10x8	White	260
505 430	DG 10/10	Plate	10x10	White	200
508 051	KOIP SM	Plate	20x9	White	240
502 000	DB 6/4	Plate	6x4	White	500

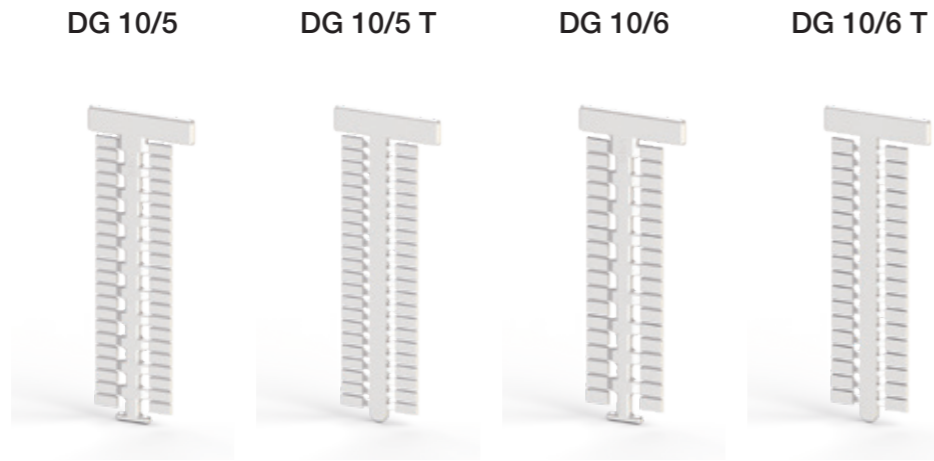


## Printed Marking Tags

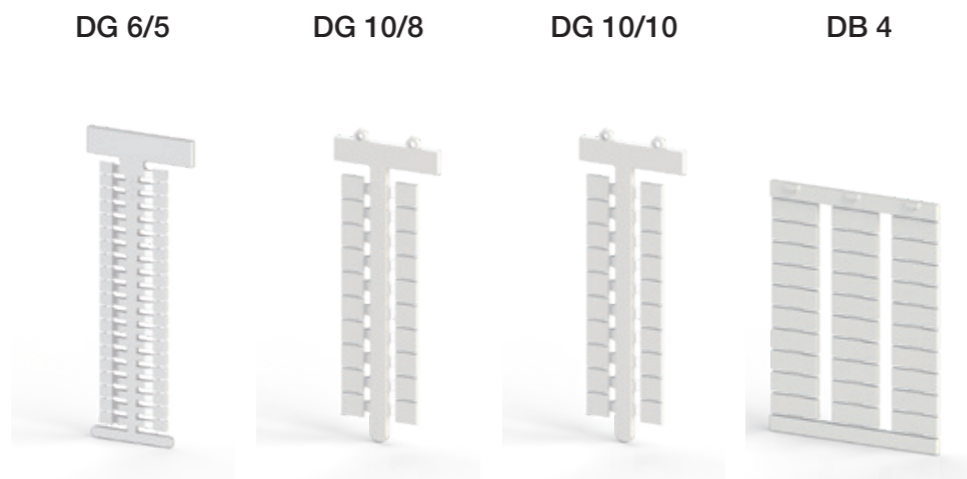


Cat.No.	Type	Description	Cat.No.	Type	Description
505 000	DY 5	0	505 063	DY 5	D
505 001	DY 5	1	505 064	DY 5	E
505 002	DY 5	2	505 065	DY 5	F
505 003	DY 5	3	505 066	DY 5	G
505 004	DY 5	4	505 067	DY 5	H
505 005	DY 5	5	505 068	DY 5	I
505 006	DY 5	6	505 069	DY 5	J
505 007	DY 5	7	505 070	DY 5	K
505 008	DY 5	8	505 071	DY 5	L
505 009	DY 5	9	505 072	DY 5	M
505 010	DY 5	10	505 073	DY 5	N
505 020	DY 5	1-10	505 074	DY 5	O
505 021	DY 5	11-20	505 075	DY 5	P
505 022	DY 5	21-30	505 076	DY 5	Q
505 023	DY 5	31-40	505 077	DY 5	R
505 024	DY 5	41-50	505 078	DY 5	S
505 025	DY 5	51-60	505 079	DY 5	T
505 026	DY 5	61-70	505 080	DY 5	U
505 027	DY 5	71-80	505 081	DY 5	V
505 028	DY 5	81-90	505 082	DY 5	W
505 029	DY 5	91-100	505 083	DY 5	X
505 030	DY 5	10, 20,30,.....100	505 084	DY 5	Y
505 040	DY 5	1-50	505 085	DY 5	Z
505 041	DY 5	51-100	505 090	DY 5	L1
505 042	DY 5	101-150	505 091	DY 5	L2
505 043	DY 5	151-200	505 092	DY 5	L3
505 044	DY 5	201-250	505 093	DY 5	RSTN ↯
505 045	DY 5	251-300	505 094	DY 5	Mp
505 046	DY 5	301-350	505 095	DY 5	+
505 047	DY 5	351-400	505 096	DY 5	-
505 048	DY 5	401-450	505 097	DY 5	⊕
505 049	DY 5	451-500	505 098	DY 5	PE
505 050	DY 5	501-550	505 201	DY 10/6,5	1-10
505 051	DY 5	551-600	505 202	DY 10/6,5	11-20
505 052	DY 5	601-650	505 203	DY 10/6,5	21-30
505 053	DY 5	651-700	505 204	DY 10/6,5	31-40
505 054	DY 5	701-750	505 205	DY 10/6,5	41-50
505 055	DY 5	751-800	505 206	DY 10/6,5	51-60
505 056	DY 5	801-850	505 207	DY 10/6,5	61-70
505 057	DY 5	851-900	505 208	DY 10/6,5	71-80
505 058	DY 5	901-950	505 209	DY 10/6,5	81-90
505 059	DY 5	951-999	505 210	DY 10/6,5	91-100
505 060	DY 5	A			
505 061	DY 5	B			
505 062	DY 5	C			

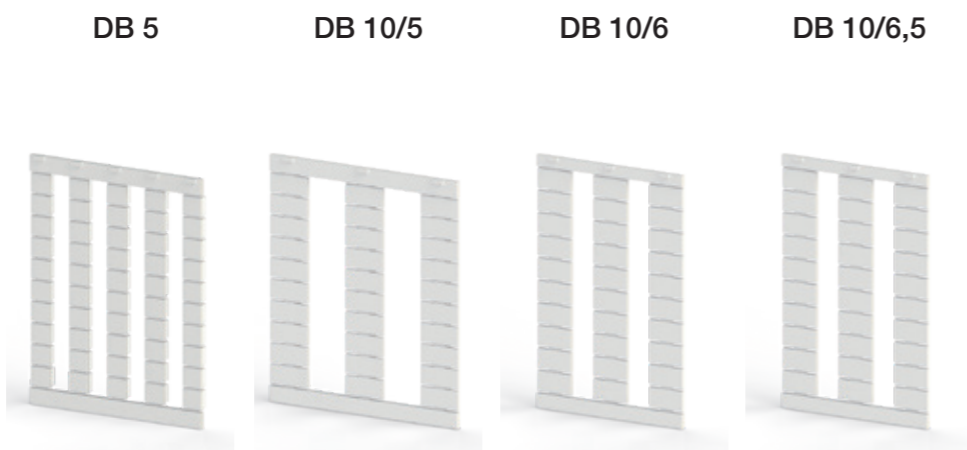
## Labeling with KLM Plotter Marking for Terminal Blocks



General Features				
Cat. No.	505 310	505 380	505 320	505 390
Dimensions	10 x 5	10 x 5	10 x 6	10 x 6
Quantity	440	440	360	360
Plotter Plate	PLOT PL - A	PLOT PL - A	PLOT PL - A	PLOT PL - A



General Features				
Cat. No.	505 330	505 410	505 430	503 000
Dimensions	6 x 5	10 x 8	10 x 10	10 x 4
Quantity	400	260	200	500
Plotter Plate	PLOT PL - A	PLOT PL - A	PLOT PL - A	PLOT PL - DB 4



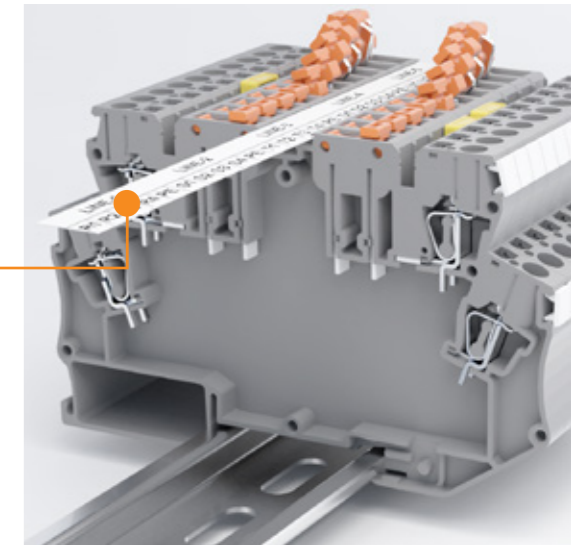
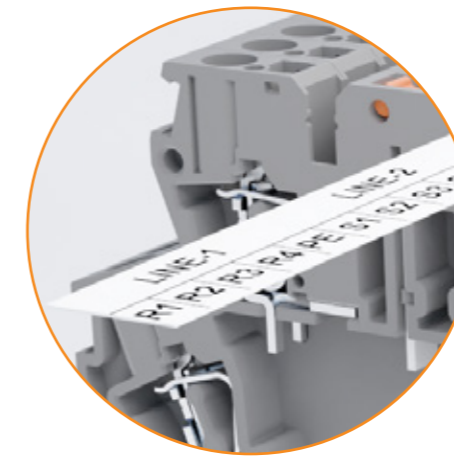
General Features				
Cat. No.	505 850	505 910	505 915	505 920
Dimensions	5 x 5	10 x 5	10 x 6	10 x 6,5
Quantity	500	500	500	500
Plotter Plate	PLOT PL - DB 5	PLOT PL - DB	PLOT PL - DB	PLOT PL - DB

## Labeling with KL-Tx300 Marking for Terminal Blocks

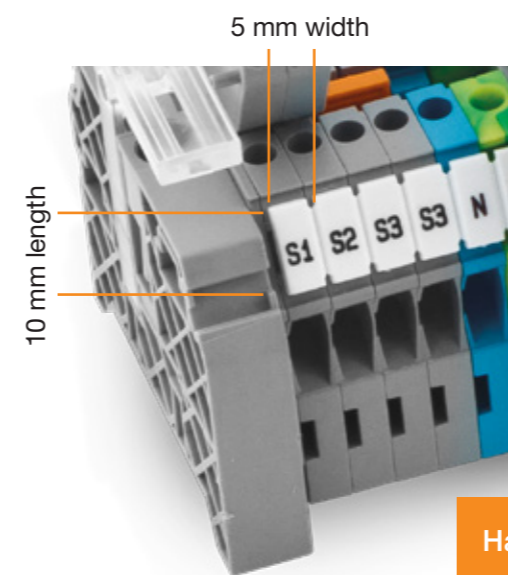


Cat. No.	Product	Size	Color	Qty.
1020 100	SLF - P1 W	11,2 mm x15 m	White	1
1020 110	SLF - P2 W	4,9 mmx15 m	White	1

- Strip labels provide a higher surface gloss as thermal process brings long-lasting marking solutions.
- High degree of tear resistance and tear propagation resistance.
- Good ageing stability, waterproof.
- This product resists water, chemicals, grease and oils.



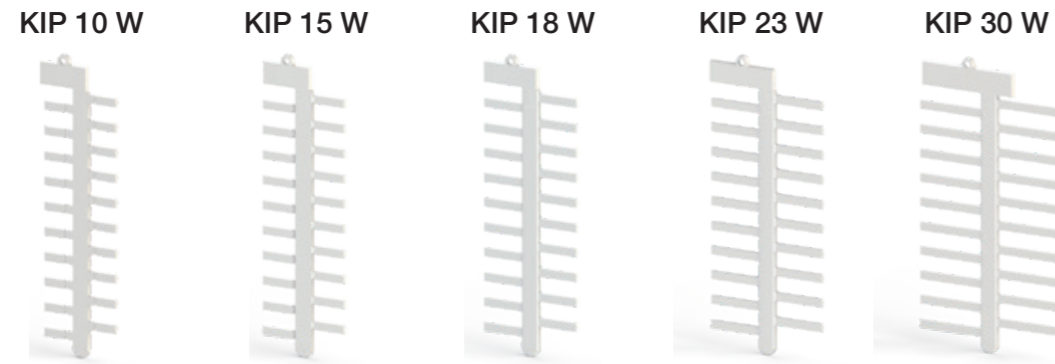
## Labeling with KLECARD Marking for Terminal Blocks



Halogen Free  
VO  
raw  
material

Cat. No.	Product	Print Area (mm)	Color	Labels per Card	Cards per Pack
811 750	D-NS 5x10 Tags	5x10	White	72	10
812 250	D-NS 6x10 Tags	6x10	White	60	10
810 300	D-NS 5x6 Tags	5x6	White	72	10
810 450	D-NS 5,2x6 Tags	5,2x6	White	72	10
812 750	D-NS 8x10 Tags	8x10	White	48	10
813 100	D-NS 10x10 Tags	10x10	White	36	10

# Cable Marking Tags Marking Plates



General Features					
Cat. No.	508 001	508 003	508 012	508 005	508 008
Dimensions	10 x 4	15 x 4	18 x 4	23 x 4	30 x 4
Quantity	480	480	240	240	240
Plotter Plate	PLOT PL - A	PLOT PL - A	PLOT PL - A	PLOT PL - A	PLOT PL - A
Marking Plates					
Type	KIP 10 Y	KIP 15 Y	KIP 18 Y	KIP 23 Y	KIP 30 Y
Cat. No.	508 002	508 004	508 013	508 006	508 009
Qty.	480	480	240	240	240
Color	Yellow	Yellow	Yellow	Yellow	Yellow
1,5 / 2,5 mm <sup>2</sup>					
506 710 - KKS 10 / 1,5 - 2,5	✓				
506 711 - KKS 15 / 1,5 - 2,5		✓			
506 714 - KKS 18 / 1,5 - 2,5			✓		
506 712 - KKS 23 / 1,5 - 2,5				✓	
506 713 - KKS 30 / 1,5 - 2,5					✓
2,5 / 4 mm <sup>2</sup>					
506 715 - KKS 10 / 2,5 - 4	✓				
506 716 - KKS 15 / 2,5 - 4		✓			
506 719 - KKS 18 / 2,5 - 4			✓		
506 717 - KKS 23 / 2,5 - 4				✓	
506 718 - KKS 30 / 2,5 - 4					✓
6 / 10 mm <sup>2</sup>					
506 720 - KKS 10 / 6 - 10	✓				
506 721 - KKS 15 / 6 - 10		✓			
506 724 - KKS 18 / 6 - 10			✓		
506 722 - KKS 23 / 6 - 10				✓	
506 723 - KKS 30 / 6 - 10					✓
16 / 25 mm <sup>2</sup>					
506 725 - KKS 10 / 16 - 25	✓				
506 726 - KKS 15 / 16 - 25		✓			
506 729 - KKS 18 / 16 - 25			✓		
506 727 - KKS 23 / 16 - 25				✓	
506 728 - KKS 30 / 16 - 25					✓

# Sleeves for Cable Marking Tags



Cat. No.	Product	Cable Cross Section (mm <sup>2</sup> )	Dimensions (mm)	Qty.
506 710	KKS 10/1.5-2.5	Tube 1.5 - 2.5	10x4	500
506 711	KKS 15/1.5-2.5	Tube 1.5 - 2.5	15x4	500
506 714	KKS 18/1.5-2.5	Tube 1.5 - 2.5	18x4	500
506 712	KKS 23/1.5-2.5	Tube 1.5 - 2.5	23x4	500
506 713	KKS 30/1.5-2.5	Tube 1.5 - 2.5	30x4	500
506 715	KKS 10/2.5-4	Tube 2.5 - 2.5	10x4	500
506 716	KKS 15/2.5-4	Tube 2.5 - 2.5	15x4	500
506 719	KKS 18/2.5-4	Tube 2.5 - 2.5	18x4	500
506 717	KKS 23/2.5-4	Tube 2.5 - 2.5	23x4	500
506 718	KKS 30/2.5-4	Tube 2.5 - 2.5	30x4	500
506 720	KKS 10/6-10	Tube 6 - 10	10x4	500
506 721	KKS 15/6-10	Tube 6 - 10	15x4	500
506 724	KKS 18/6-10	Tube 6 - 10	18x4	500
506 722	KKS 23/6-10	Tube 6 - 10	23x4	500
506 723	KKS 30/6-10	Tube 6 - 10	30x4	500
506 725	KKS 10/16-25	Tube 16 - 25	10x4	500
506 726	KKS 15/16-25	Tube 16 - 25	15x4	500
506 729	KKS 18/16-25	Tube 16 - 25	18x4	500
506 727	KKS 23/16-25	Tube 16 - 25	23x4	200
506 728	KKS 30/16-25	Tube 16 - 25	30x4	200
506 786	KKS 10/0.5-1.5	Tube 0.5 - 1.5	10x4	500
506 788	KKS 15/0.5-1.5	Tube 0.5 - 1.5	15x4	500
506 789	KKS 18/0.5-1.5	Tube 0.5 - 1.5	18x4	500
506 790	KKS 23/0.5-1.5	Tube 0.5 - 1.5	23x4	200
506 791	KKS 30/0.5-1.5	Tube 0.5 - 1.5	30x4	200

# Cable Marking Tags



Cat. No.	Product	Type	Print Area (mm)	Color	Qty.
508 001	KIP 10 W	Plate	10x4	White	480
508 002	KIP 10 Y	Plate	10x4	Yellow	480
508 003	KIP 15 W	Plate	15x4	White	480
508 004	KIP 15 Y	Plate	15x4	Yellow	480
508 012	KIP 18 W	Plate	18x4	White	240
508 013	KIP 18 Y	Plate	18x4	Yellow	240
508 005	KIP 23 W	Plate	23x4	White	240
508 006	KIP 23 Y	Plate	23x4	Yellow	240
508 008	KIP 30 W	Plate	30x4	White	240
508 009	KIP 30 Y	Plate	30x4	Yellow	240

# Cable Marking Sleeve Selection Guide



	KIP 10	KIP 15	KIP 18	KIP 23	KIP 30
KKS 10 Series	✓				
KKS 15 Series		✓			
KKS 18 Series			✓		
KKS 23 Series				✓	
KKS 30 Series					✓

## Marking Tags for Cable Ties



Cat. No.	Product	Max. Label Size (mm)	Dimensions (mm)	Color	Qty.
520 110	KBE 1	8,70 x 29,20	7,2	Transparent	100
520 120	KBE 2	16,20 x 40,20	9.8	Transparent	100
508 080	KBE 3	9 x 20	3,1	Transparent	120
508 070	KBEP 209 W	20 x 9	-	White	240
508 071	KBEP 209 Y	20 x 9	-	Yellow	240
508 090	KBEP 2712 W	27 x 12	-	White	160

## Self-Adhesive Panel Labels for Contactors



Cat. No.	Product	Type	Print Area (mm)	Color	Qty.
508 051	KOIP SM W	Plate	20x9	White	240
508 057	KOIP TT W	Plate	17x8	White	240
Description					
Labelled with AVK 50, AVK 70 RD, AVK 95, AVK 150, AVK 240, AVK PB 50, AVK PB 70 RD, AVK PB 95, AVK PB 150, AVK PB 240					

\* KOIP SM Series labels are compatible with Siemens contactors.

\* KOIP TT Series labels are compatible with Telemec contactors.

## Self-Adhesive Panel Labels



Cat. No.	Product	Type	Print Area (mm)	Color	Qty.
508 060	Y-KOIP 209 W	Plate	20x9	White	240
508 061	Y-KOIP 209 Y	Plate	20x9	Yellow	240
508 065	Y-OIP 1710 W	Plate	17x10	White	288
508 066	Y-OIP 1710 Y	Plate	17x10	Yellow	288
508 820	Y-PBIP 2715 W	Plate	27x15	White	192
508 821	Y-PBIP 2715 G	Plate	27x15	Grey	192
508 822	Y-PBIP 2715 Y	Plate	27x15	Yellow	192
508 823	Y-PBIP 5015 W	Plate	50x15	White	96
508 824	Y-PBIP 5015 G	Plate	50x15	Grey	96
508 825	Y-PBIP 5015 Y	Plate	50x15	Yellow	96
508 826	Y-PBIP 6715 W	Plate	67x15	White	96
508 827	Y-PBIP 6715 G	Plate	67x15	Grey	96
508 828	Y-PBIP 6715 Y	Plate	67x15	Yellow	96

\* Y-KOIP 209 Series labels are compatible with Siemens contactors.

\* Y-OIP 1710 Series labels are compatible with Telemec contactors.

## Self-Adhesive Paper Labels



Cat. No.	Product	Description	Print Area (mm)	Color	Qty.
508 520	SIT FP 4407	Paper Labels for ME3 Group Labeling	7x44	White	136
508 530	SIFX 0615 Y	Self-Adhesive Paper Label	6x15	Yellow	2.850
508 531	SIFX 0912 Y	Self-Adhesive Paper Label	9x12	Yellow	2.300
508 532	SIFX 0915 Y	Self-Adhesive Paper Label	9x15	Yellow	1.900
508 534	SIFX	Paper Labels for ME Group Labeling	6x43.8	Yellow	900

## Self-Adhesive Paper Labels



Cat. No.	Product	Description	Print Area (mm)	Color	Qty.
808 412	OYE-07 Y	Self-Adhesive Label for Office Printer	7x44	White	1.560
808 413	OYE-06 Y	Self-Adhesive Label for Office Printer	38x10	Yellow	1.260
808 414	OYE-05 Y	Self-Adhesive Label for Office Printer	20x8	Yellow	3.450
808 415	OYE-03 Y	Self-Adhesive Label for Office Printer	12x9	Yellow	4.600
808 416	OYE-01 Y	Self-Adhesive Label for Office Printer	17x10	Yellow	2.880
808 417	OYE-04 Y	Self-Adhesive Label for Office Printer	15x9	Yellow	3.600
808 418	OYE-02 Y	Self-Adhesive Label for Office Printer	15x6	Yellow	5.400

## Marking Tags for Transformer Terminals



Cat. No.	Product	Plotter Plate	Dimensions (mm)	Color	Qty.
503 340	Marking Tag for Transformer Terminal Blocks	PLOT PL-A	7x5	White	440
503 700	Marking Tag for Transformer Terminal Blocks	PLOT PL-DB 4.5/7.5	7.5x4.5	White	500

## Warning Labels



Cat. No.	Product	Terminals used
498 110	IP 1S	PEK 2,5;
498 120	IP 1	PEK 2,5 K
498 130	IP 2S	AVK 2.5; AVK 4; AVK 6; AVK 10; AVK 2.5 RD; AVK 4 RD; AVK 2.5 T RD; AVK 4 T RD
498 140	IP 2	AVK 2.5; AVK 4; AVK 6; AVK 10; AVK 2.5 RD; AVK 4 RD; AVK 2.5 T RD; AVK 4 T RD
498 143	IP 3S	AVK 16; AVK 16 RD; AVK 35 RD; AVK 35 T RD
498 145	IP 3	AVK 16; AVK 16 RD; AVK 35 RD; AVK 35 T RD
498 150	IP 2T	PEK 2,5 T; PEK 4 T
498 160	IP 4S	YBK 2.5; YBK 4; YBK 6; YBK 10
498 170	IP 4	YBK 2.5; YBK 4; YBK 6; YBK 10
498 240	IP 5	AVK 50 - 70RD - 95 - 150 - 240
498 250	IP 5S	AVK 50 - 70RD - 95 - 150 - 240

## Self-Adhesive Panel Tag Holders



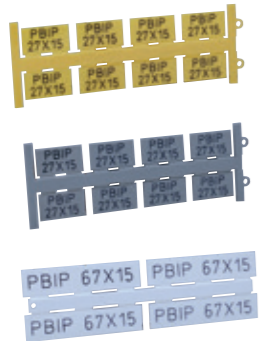
Cat. No.	Product	Dimensions (mm)	Color	Qty.
508 600	Y-PAEK 1730	17x30	Black	100
508 601	Y-PAEK 1752	17x52	Black	100
508 602	Y-PAEK 1770	17x70	Black	100

## Self-Adhesive Button Tag Holders



Cat. No.	Product	Dimensions (mm)	Color	Qty.
508 700	Y-BEK S	30 x 17 mm (22.5 mm <sup>2</sup> )	Black	100
508 701	Y-BEK T	30 x 17 mm (Telemecanique)	Black	100

## Marking Tags for Panels/Buttons



Cat. No.	Product	Print Area (mm)	Type	Color	Qty.
508 800	PBIP 2715 W	27x15	Plate	White	192
508 801	PBIP 2715 G	27x15	Plate	Grey	192
508 802	PBIP 2715 Y	27x15	Plate	Yellow	192
508 803	PBIP 5015 W	50x15	Plate	White	96
508 804	PBIP 5015 G	50x15	Plate	Grey	96
508 805	PBIP 5015 Y	50x15	Plate	Yellow	96
508 806	PBIP 6715 W	67x15	Plate	White	96
508 807	PBIP 6715 G	67x15	Plate	Grey	96
508 808	PBIP 6715 Y	67x15	Plate	Yellow	96

## Protective Cover for Panel/Button Tags



Cat. No.	Product	Dimensions (mm)	Color	Qty.
508 813	PBKP 2715	27x15	Transparent	192
508 814	PBKP 5015	50x15	Transparent	96
508 815	PBKP 6715	67x15	Transparent	96

## Panel Marking Product Selection Guide

		PBIP 2715	PBIP 5015	PBIP 6715
	Dimensions (mm)	27x15	50x15	67x15
First Step: Select panel marking tag.	Color	White	White	White
		Grey	Grey	Grey
		Yellow	Yellow	Yellow
Second Step: Select plate carrier.	Y-PAEK 1730	✓		
	Y-PAEK 1752		✓	
	Y-PAEK 1770			✓
	Y-BEK Y	✓		
	Y-BEK S	✓		
Third Step: Select protective cover.	PBKP 2715	✓		
	PBKP 5015		✓	
	PBKP 6715			✓

## Klemsan Wire Marking Tags

Closed Type				
Numbers	KG 1	KG 2	Qty.	Color
0	515 000	516 000	1000/500	Yellow
1	515 001	516 001	1000/500	Yellow
2	515 002	516 002	1000/500	Yellow
3	515 003	516 003	1000/500	Yellow
4	515 004	516 004	1000/500	Yellow
5	515 005	516 005	1000/500	Yellow
6	515 006	516 006	1000/500	Yellow
7	515 007	516 007	1000/500	Yellow
8	515 008	516 008	1000/500	Yellow
9	515 009	516 009	1000/500	Yellow
Letters				
A	515 010	516 010	1000/500	Yellow
B	515 011	516 011	1000/500	Yellow
C	515 012	516 012	1000/500	Yellow
D	515 013	516 013	1000/500	Yellow
E	515 014	516 014	1000/500	Yellow
F	515 015	516 015	1000/500	Yellow
G	515 016	516 016	1000/500	Yellow
H	515 017	516 017	1000/500	Yellow
I	515 018	516 018	1000/500	Yellow
J	515 019	516 019	1000/500	Yellow
K	515 020	516 020	1000/500	Yellow
L	515 021	516 021	1000/500	Yellow
M	515 022	516 022	1000/500	Yellow
N	515 023	516 023	1000/500	Yellow
O	515 024	516 024	1000/500	Yellow
P	515 025	516 025	1000/500	Yellow
Q	515 026	516 026	1000/500	Yellow
R	515 027	516 027	1000/500	Yellow
S		516 028	1000/500	Yellow
T		516 029	1000/500	Yellow
U	515 030	516 030	1000/500	Yellow
V	515 031	516 031	1000/500	Yellow
W	515 032	516 032	1000/500	Yellow
x	515 033	516 033	1000/500	Yellow
Y	515 034	516 034	1000/500	Yellow
Z	515 035	516 035	1000/500	Yellow
Signs				
Mp	515 040	516 040	1000/500	Blue
S	515 041	516 041	1000/500	Green
T	515 042	516 042	1000/500	Red
+	515 043	516 043	1000/500	Red
-	515 044	516 044	1000/500	Blue
±	515 045	516 045	1000/500	Yellow
(	515 046	516 046	1000/500	Yellow
.	515 047	516 047	1000/500	Yellow
/	515 048	516 048	1000/500	Yellow

Open Type					
Numbers	KE 1	KE 2	KE 3	Qty.	Color
0	517 000	518 000	519 000	500	Black
1	517 001	518 001	519 001	500	Brown
2	517 002	518 002	519 002	500	Red
3	517 003	518 003	519 003	500	Orange
4	517 004	518 004	519 004	500	Yellow
5	517 005	518 005	519 005	500	Green
6	517 006	518 006	519 006	500	Blue
7	517 007	518 007	519 007	500	Purple
8	517 008	518 008	519 008	500	Grey
9	517 009	518 009	519 009	500	White
Letters					
A	517 010	518 010	519 010	200	Yellow
B	517 011	518 011	519 011	200	Yellow
C	517 012	518 012	519 012	200	Yellow
D	517 013	518 013	519 013	200	Yellow
E	517 014	518 014	519 014	200	Yellow
F	517 015	518 015	519 015	200	Yellow
G	517 016	518 016	519 016	200	Yellow
H	517 017	518 017	519 017	200	Yellow
I	517 018	518 018	519 018	200	Yellow
J	517 019	518 019	519 019	200	Yellow
K	517 020	518 020	519 020	200	Yellow
L	517 021	518 021	519 021	200	Yellow
M	517 022	518 022	519 022	200	Yellow
N	517 023	518 023	519 023	200	Yellow
O	517 024	518 024	519 024	200	Yellow
P	517 025	518 025	519 025	200	Yellow
Q	517 026	518 026	519 026	200	Yellow
R	517 027	518 027	519 027	200	Yellow
S	517 028	518 028	519 028	200	Yellow
T	517 029	518 029	519 029	200	Yellow
U	517 030	518 030	519 030	200	Yellow
V	517 031	518 031	519 031	200	Yellow
W	517 032	518 032	519 032	200	Yellow
x	517 033	518 033	519 033	200	Yellow
Y	517 034	518 034	519 034	200	Yellow
Z	517 035	518 035	519 035	200	Yellow
Signs					
Mp	517 040	518 040	519 040	200	Yellow
S				200	Yellow
T				200	Yellow
+	517 043	518 043	519 043	200	Yellow
-	517 044	518 044	519 044	200	Yellow
±	517 045	518 045	519 045	200	Yellow
(	517 046	518 046	519 046	200	Yellow
.	517 047	518 047	519 047	200	Yellow
/	517 048	518 048	519 048	200	Yellow

Type	Grey	Blue	Green	Yellow	Red	White	Orange	Brown	Purple
KEB 1	519 518	519 516	519 515	519 514	519 512	519 519	519 513	519 511	519 517
KEB 2	519 528	519 526	519 525	519 524	519 522	519 529	519 523	519 521	519 527
KEB 3	519 538	519 536	519 535	519 534	519 532	519 539	519 533	519 531	519 537

Technical Specifications	KG 1	KG 2	KE 1	KE 2	KE 3
External insulation, mm <sup>2</sup>	2,4 - 4,4	4 - 8,5	-	-	-
Cross section, mm <sup>2</sup>	0,75 - 4	4 - 16	0,75 - 1,5	1,5 - 2,5	4 - 6

## Slotted Wiring Ducts

# HALOGEN FREE Wiring Ducts

- Low Smoke
- Halogen Free  
Zero Halogen
- Complying EN45545-2  
for Railway Industry  
(R22-R23, HL3)
- Material: PC-ABS



- Flame-retardant, self-extinguishing according to UL94-V0
- EN50085-2-3-approved
- Colour: Light Grey: RAL 7035
- Temperature range from -25 °C to +90 °C

Preferred and applied in public areas, such as;



Hospitals



Multistory and  
High Buildings



Mining Facilities



Railway Industries



Marine Industries



Hotels



Laboratories



Schools



Airplanes



Cinema and Theater  
Halls



Subway and Highway  
Tunnels



Shopping Centers



Airport Terminals

## Slotted Wiring Ducts

Halogen Free For **Highest Safety**



### Why Low Smoke Halogen Free (LSHF) products?

When PVC or other traditional plastics ignite in a fire, they emit corrosive & toxic gases like Chlorine. Moreover, these are soluble in moisture, forming Hydrochloric acid, which destroy electronics, semiconductors and intrinsic electrical circuits.

It can be fatally hazardous to humans if they cannot escape from the smoky area contaminated with toxic elements. Toxic fumes are not only a serious health risk but also cause serious damage and problems to crucial machineries.

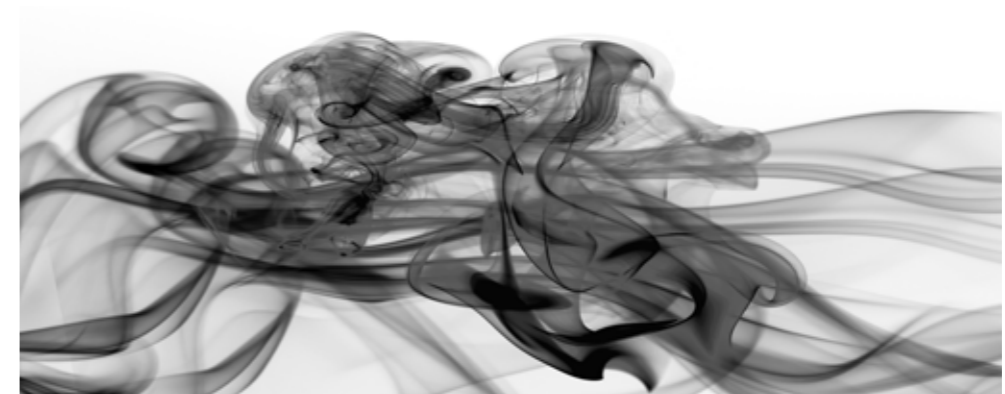
### The Difference Between PVC and PC/ABS

Due to its high level of flame-retardancy, PVC has been used as an appropriate cable insulation material for many years. However, in the event of a fire this will generate dense black smoke, with toxic and corrosive gases that can cause fatality and destruction.

- ✓ PC/ABS passes the Halogen free tests and Low Smoke tests **successfully**.

Halogen Free wires and cables are already compulsory in many areas as they are safer. In the same way, Halogen Free Wiring Duct is especially important to be used in closed areas where the exits are limited; such as Public Transport, Hospitals, Malls etc.

PVC generates **dense black smoke** when it burns





## EN 45545-2 European Union Standards Fire Testing to Railway Components



**KLEMSAN** offers a wide range of Wiring Ducts in materials that are compliant with the smoke generation and toxicity requirements of the **EN 45545-2** European Railway Standards for fire safety classes **R22 - R23** and Hazard Levels **HL1 - HL2 - HL3**.

Vehicles are classified as: HL1, HL2 or HL3, depending on their time in tunnels and the availability of sleeping cars. The HL1 classification represents the lowest hazard level and HL3 represents the highest. Please refer to EN 45545-2 for definitions.



## LSHF Material Properties - PC/ABS Raw Material



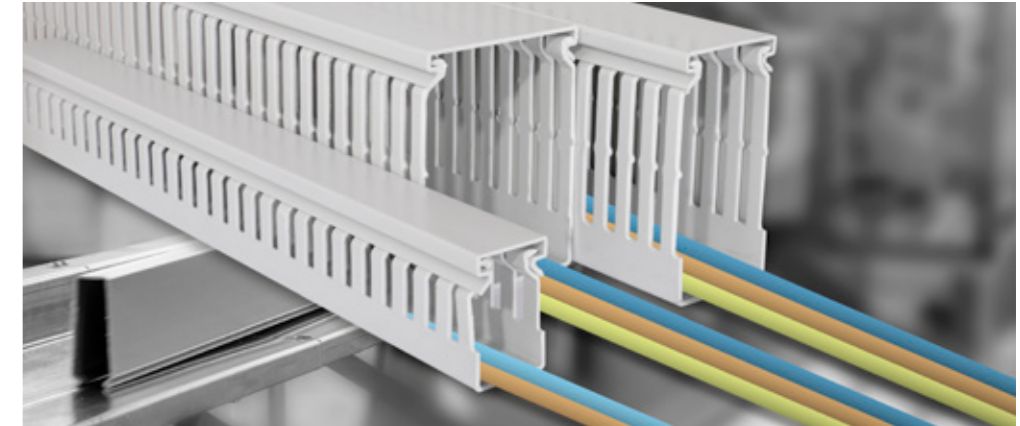
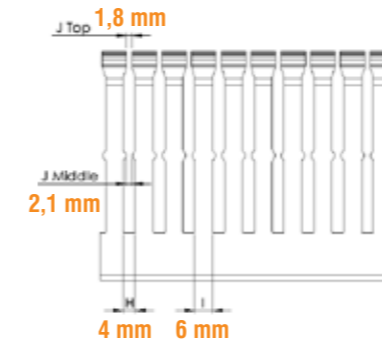
Our Halogen Free Wiring Ducts are made of a special purpose LSHF and flame retardant PC/ABS blend containing **NO Bromide, NO Chlorine and NO Fluorine**. It still offers high impact resistance and excellent characteristics used for higher temperature applications. These are in compliance with **EN 45545-2** European Union Standards.

LSHF material also has characteristics of self-extinguishing, UL94 flammability rating of V-0. It is RoHS compliant, environmentally safe and is 20% lighter than PVC.

Our LSHF material is resistant to abnormal heat and fire. It has proven dimensional stability between **-25 °C / + 90 °C**. Also, the Halogen Free Wiring Ducts are manufactured in compliance with the Standard EN 50085-2-3. Ideal for applications where public safety during a fire is a concern.

## Slotted Wiring Ducts

### LSHF (Low Smoke Halogen Free) - Wiring Ducts

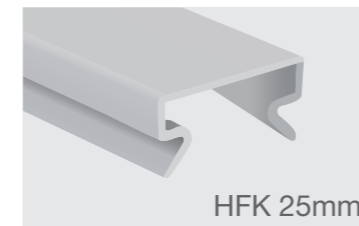


Cat. No.	Product	Size WxH (mm)	Color	Qty.
540 010	KHF 2530 Wiring Duct	25X30	Grey	46x2 m
540 020	KHF 2540 Wiring Duct	25X40	Grey	50x2 m
540 030	KHF 2560 Wiring Duct	25X60	Grey	30x2 m
540 060	KHF 4040 Wiring Duct	40X40	Grey	24x2 m
540 070	KHF 4060 Wiring Duct	40X60	Grey	18x2 m
540 080	KHF 4080 Wiring Duct	40X80	Grey	20x2 m
540 100	KHF 6040 Wiring Duct	60X40	Grey	18x2 m
540 110	KHF 6060 Wiring Duct	60X60	Grey	12x2 m
540 120	KHF 6080 Wiring Duct	60X80	Grey	12x2 m
540 150	KHF 8060 Wiring Duct	80X60	Grey	14x2 m
540 160	KHF 8080 Wiring Duct	80X80	Grey	10x2 m

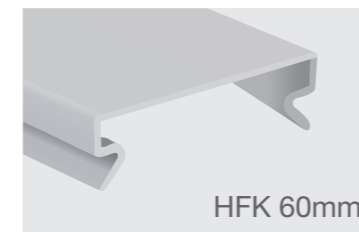
- Excellent fire-safety characteristics.
- Smooth, burr-free edges protect installers from injury and wires from damage.
- Ribs can be removed easily thanks to upper scorlines.
- Lower scorlines at base of sidewall allow cutting out and removing sections of sidewall with no sharp edges.
- Duct covers hold securely even in a vertical position and under vibration.

• **Wiring duct covers are included the package.**

## LSHF - Wiring Duct Covers



HFK 25mm



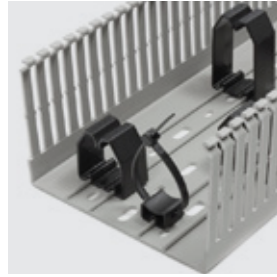
HFK 60mm

Cat. No.	Product	Size (mm)	Color
540 600	HFK 25mm Wiring Duct Cover	25	Grey
540 610	HFK 40mm Wiring Duct Cover	40	Grey
540 620	HFK 60mm Wiring Duct Cover	60	Grey
540 630	HFK 80mm Wiring Duct Cover	80	Grey



## Slotted Wiring Ducts

### Klemsan “Trunkie” PVC Wiring Ducts



#### Solutions Which Simplify Wiring

- Now wire management is much easier.
- You can easily mount wire retainers on the bottom rail of the duct without screw and slide them along the rail.



#### Durability and Reliability

- Assembly or disassembly of the covers is the most difficult operation when ducts are fully wired, design of Trunkie speeds up your work.
- Trunkie enables the customer to use the maximum inner space of the duct and keeps the rigidity even at maximum load of cables.



#### Appearance

- Special rib pattern allows the end-user to make cable grouping easier.



#### Speed and Efficiency

- Furthermore, Trunkie helps you save time while breaking off ribs in groups.
- Without using any hand tools,

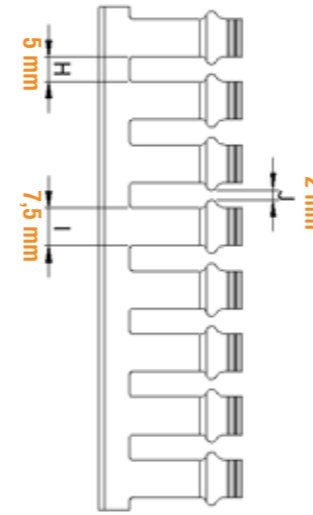
**simply bend the duct ribs to 60° - 90°**

and easily break them inside the panel.

## Slotted Wiring Ducts

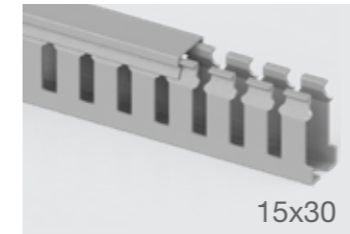
### PVC Wiring Ducts Product Range

#### MEDIUM Slotted

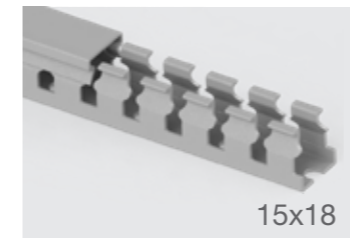


Cat. No.	Product	Size WxH (mm)	Color	Qty.
551 060YP	KKC 1518	15x18	Grey	122x2 m
551 070YP	KKC 1530	15x30	Grey	104x2 m
551 080YP	KKC 1540	15x40	Grey	80x2 m
551 090YP	KKC 1560	15x60	Grey	42x2 m
551 060	KKC 1518	15x18	Grey	126x2 m
551 070	KKC 1530	15x30	Grey	106x2 m
551 080	KKC 1540	15x40	Grey	80x2 m
551 090	KKC 1560	15x60	Grey	42x2 m

Self-adhesive



15x30



15x18

- No lower scorline available for this range.
- Upper scorline is available for breaking off the ribs.
- Operating Temperature: -5°C to 60°C
- Standard Length: 2 meters
- Color Option: RAL 7030 Grey
- Complies with RoHS regulations.
- Complies with IEC 60695-2-1 and EN 50085-2-3 standards.

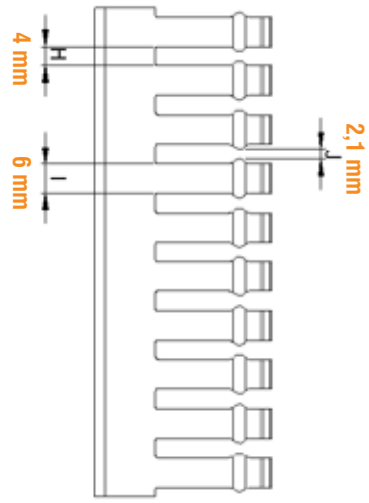
• **Wiring duct covers are included the package.**



## Slotted Wiring Ducts

### PVC Wiring Ducts Product Range

#### NARROW Slotted



Cat. No.	Product	Size WxH (mm)	Color	Qty.
551 010	KKC 2530	25x30	Grey	50x2 m
551 011	KKC 2540	25x40	Grey	50x2 m
551 012	KKC 2560	25x60	Grey	30x2 m
551 030	KKC 2580	25x80	Grey	28x2 m
551 031	KKC 2510	25x100	Grey	22x2 m
551 013	KKC 4040	40x40	Grey	26x2 m
551 014	KKC 4060	40x60	Grey	18x2 m
551 015	KKC 4080	40x80	Grey	20x2 m
551 032	KKC 4010	40x100	Grey	14x2 m
551 016	KKC 6040	60x40	Grey	18x2 m
551 017	KKC 6060	60x60	Grey	12x2 m
551 018	KKC 6080	60x80	Grey	12x2 m
551 033	KKC 6010	60x100	Grey	18x2 m
551 034	KKC 8040	80x40	Grey	18x2 m
551 019	KKC 8060	80x60	Grey	14x2 m
551 020	KKC 8080	80x80	Grey	10x2 m
551 035	KKC 8010	80x100	Grey	12x2 m
551 021	KKC 1006	100x60	Grey	10x2 m
551 022	KKC 1008	100x80	Grey	8x2 m
551 036	KKC 1001	100x100	Grey	12x2 m
551 023	KKC 1206	120x60	Grey	8x2 m
551 024	KKC 1208	120x80	Grey	6x2 m
551 025	KKC 1201	120x100	Grey	10x2 m
551 040	KKC 1501	150x100	Grey	8x2 m

- Upper scorline is available for breaking off the ribs.
- Lower scorline is available.
- Operating Temperature: -5°C to 60°C
- Standard Length: 2 meters
- Color Option: RAL 7030 Grey
- Complies with RoHS regulations.
- Complies with IEC 60695-2-12 and EN 50085-2-3 standards.

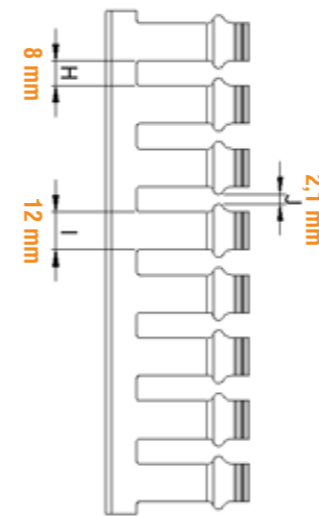
• **Wiring duct covers are included the package.**



## Slotted Wiring Ducts

### PVC Wiring Ducts Product Range

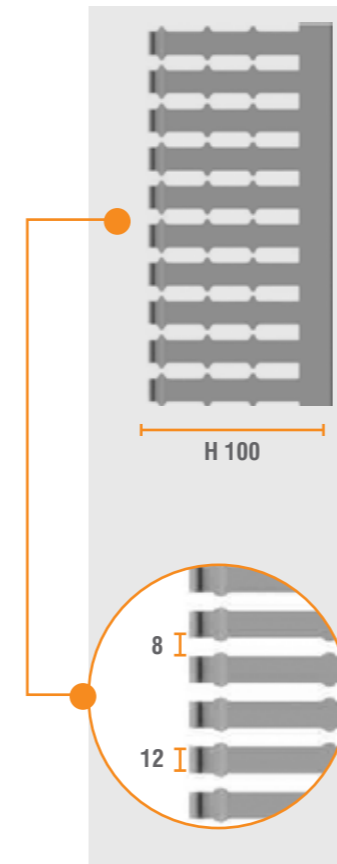
#### WIDE Slotted



Cat. No.	Product	Size WxH (mm)	Color	Qty.
551 014WS	KKC 4060	40x60	Grey	18x2 m
551 015WS	KKC 4080	40x80	Grey	20x2 m
551 032WS	KKC 4010	40x100	Grey	14x2 m
551 017WS	KKC 6060	60x60	Grey	12x2 m
551 018WS	KKC 6080	60x80	Grey	12x2 m
551 033WS	KKC 6010	60x100	Grey	18x2 m
551 019WS	KKC 8060	80x60	Grey	14x2 m
551 020WS	KKC 8080	80x80	Grey	10x2 m
551 035WS	KKC 8010	80x100	Grey	12x2 m
551 021WS	KKC 1006	100x60	Grey	10x2 m
551 022WS	KKC 1008	100x80	Grey	8x2 m
551 036WS	KKC 1001	100x100	Grey	12x2 m
551 023WS	KKC 1206	120x60	Grey	8x2 m
551 024WS	KKC 1208	120x80	Grey	6x2 m
551 025WS	KKC 1201	120x100	Grey	10x2 m
551 040WS	KKC 1501	150x100	Grey	8x2 m

- Upper scorline is available for breaking off the ribs.
- Lower scorline is available.
- Operating Temperature: -5°C to 60°C
- Standard Length: 2 meters
- Color Option: RAL 7030 Grey
- Complies with RoHS regulations.
- Complies with IEC 60695-2-1 and EN 50085-2-3 standards.

• **Wiring duct covers are included the package.**



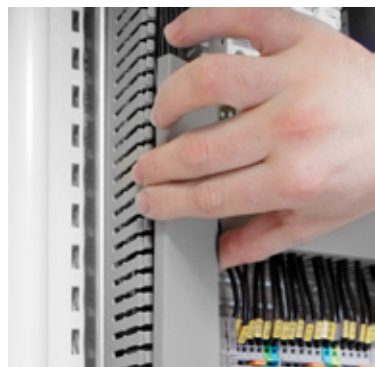
## Slotted Wiring Ducts

### PVC Wiring Ducts Product Range

#### Wiring Ducts Covers



Cat. No.	Product	Size (mm)	Color	Description	Qty.
551 049	KKK 15	15	Grey	KKK 15 mm Wiring Duct Cover	10x2 m
551 050	KKK 25	25	Grey	KKK 25 mm Wiring Duct Cover	10x2 m
551 051	KKK 40	40	Grey	KKK 40 mm Wiring Duct Cover	10x2 m
551 052	KKK 60	60	Grey	KKK 60 mm Wiring Duct Cover	10x2 m
551 053	KKK 80	80	Grey	KKK 80 mm Wiring Duct Cover	10x2 m
551 054	KKK 100	100	Grey	KKK 100 mm Wiring Duct Cover	10x2 m
551 055	KKK 120	120	Grey	KKK 120 mm Wiring Duct Cover	10x2 m
551 056	KKK 150	150	Grey	KKK 150 mm Wiring Duct Cover	10x2 m



## Slotted Wiring Ducts

### PVC Wiring Ducts Product Range

#### Wiring Ducts Accessories

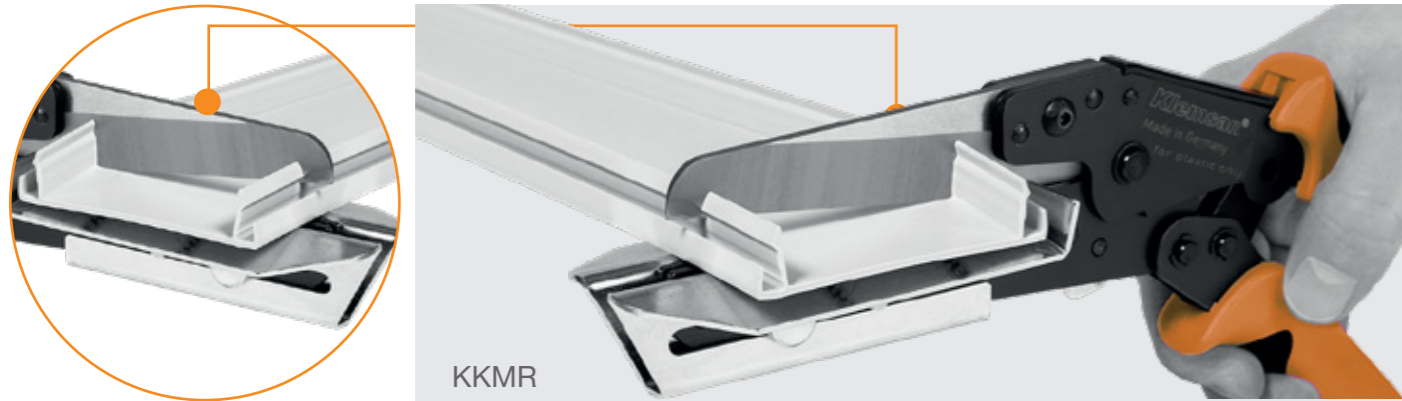


Cat. No.	Product	Color	Description	Qty.
553 315	KKT 4040	Black	Wire Retainer	10
553 325	KKT 4060	Black	Wire Retainer	10
553 335	KKT 6080	Black	Wire Retainer	10
553 345	KKT 4080	Black	Wire Retainer	10
553 355	KKT 6040	Black	Wire Retainer	10
553 365	KKT 6060	Black	Wire Retainer	10
553 375	KKT 6010	Black	Wire Retainer	10
553 385	KKT 8060	Black	Wire Retainer	10
553 395	KKT 1006	Black	Wire Retainer	10
553 425	KKT 1206	Black	Wire Retainer	10
553 435	KKT 8080	Black	Wire Retainer	10
553 445	KKT 8010	Black	Wire Retainer	10
553 455	KKT 1008	Black	Wire Retainer	10
553 465	KKT 1001	Black	Wire Retainer	10
553 475	KKT 1208	Black	Wire Retainer	10
553 485	KKT 1201	Black	Wire Retainer	10
553 500	SETR	-	Setting Tool for Rivets	1
553 600	PPE 6.5	Grey	Rivets	100
553 405	KKB	Black	Cable Clamp	10
553 415	KKM	Black	Cable Holder	10

# Slotted Wiring Ducts

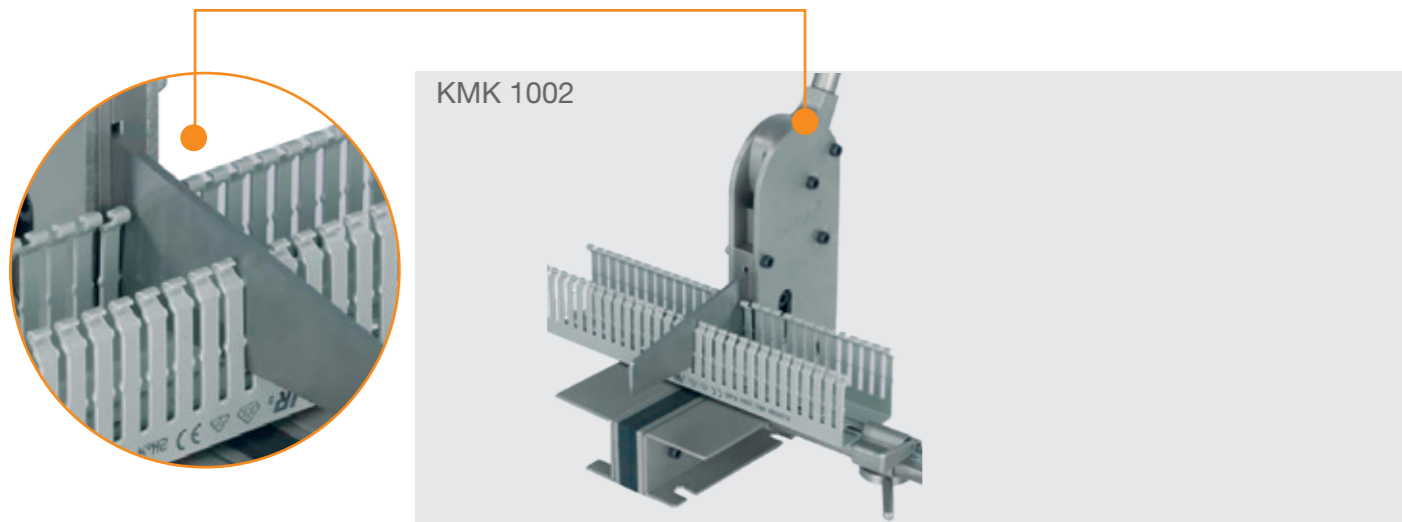
## PVC Wiring Ducts Product Range

### Wiring Duct Cutters



Cat. No.	Product	Description	Qty.
553 230	KKMR	Wiring Duct Cutter (Hand Tool)	1

- Burr-free cutting of wiring ducts and wiring duct covers
- Straight or 45° cutting options
- Equal force distribution across blades helps homogenous cutting
- Cutting up to 100 mm width



Cat. No.	Product	Description	Qty.
553 220	KMK 1002	Wiring Duct Cutting Tool up to 120 mm	1

- Cover cutting
- Burr-free cutting
- Long-lived knife
- Length adjustment guide
- Cutting up to 120 mm width

# Slotted Wiring Ducts

## Technical Specifications

**Wire Retainer**

**Cable Clamp**

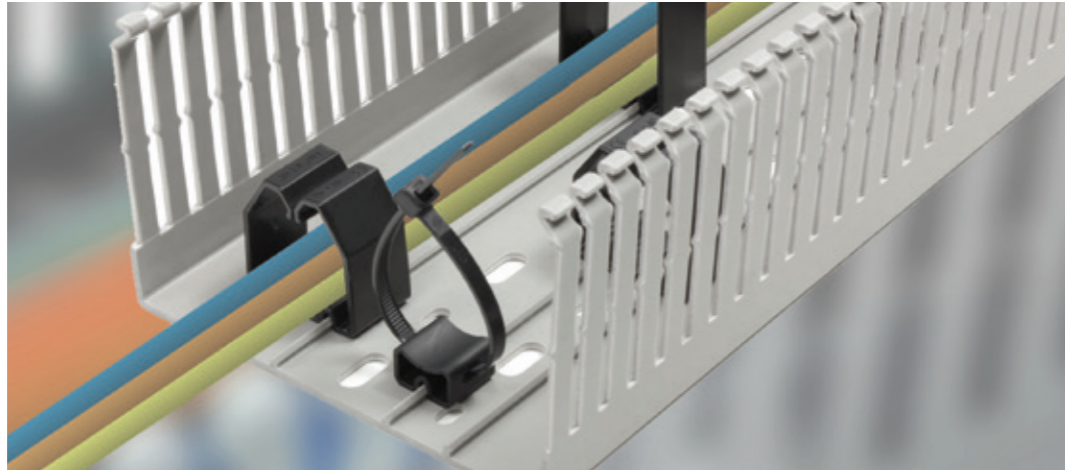
**Cable Holder**

**Wiring Duct**

Cat. No.	Type	Description	Size (mm)									
			A	B	C	D	E	F	G	H	I	J
551 060	KKC 1518 - Medium	Wiring Duct	15	16,3	18	3,50	1,00	1,00	4,50	5	7,5	2
551 070	KKC 1530 - Medium	Wiring Duct	15	28,3	30	5,00	1,10	1,10	6,10	5	7,5	2
551 080	KKC 1540 - Medium	Wiring Duct	15	38,3	40	9,00	1,20	1,20	10,20	5	7,5	2
551 090	KKC 1560 - Medium	Wiring Duct	15	58,3	60	11,00	1,40	1,40	12,40	5	7,5	2
551 010	KKC 2530 - Narrow	Wiring Duct	25	26,4	30	10,00	1,40	1,40	11,40	4	6	2,1
551 011	KKC 2540 - Narrow	Wiring Duct	25	36,2	40	11,00	1,40	1,40	12,40	4	6	2,1
551 012	KKC 2560 - Narrow	Wiring Duct	25	56,4	60	12,00	1,60	1,60	13,60	4	6	2,1
551 030	KKC 2580 - Narrow	Wiring Duct	25	76,8	80	14,00	1,80	1,80	15,80	4	6	2,1
551 031	KKC 2510 - Narrow	Wiring Duct	25	96,6	100	16,00	1,90	1,90	17,90	4	6	2,1
551 013	KKC 4040 - Narrow	Wiring Duct	40	36,5	40	11,00	1,40	1,40	12,40	4	6	2,1
551 014	KKC 4060 - Narrow	Wiring Duct	40	56,5	60	12,00	1,60	1,60	13,60	4	6	2,1
551 015	KKC 4080 - Narrow	Wiring Duct	40	76,8	80	14,00	1,80	1,80	15,80	4	6	2,1
551 032	KKC 4010 - Narrow	Wiring Duct	40	96,9	100	16,00	1,90	2,00	17,90	4	6	2,1
551 016	KKC 6040 - Narrow	Wiring Duct	60	36,8	40	11,00	1,60	1,60	12,60	4	6	2,1
551 017	KKC 6060 - Narrow	Wiring Duct	60	56,8	60	12,00	1,80	1,80	13,80	4	6	2,1
551 018	KKC 6080 - Narrow	Wiring Duct	60	76,7	80	14,00	1,80	1,80	15,80	4	6	2,1
551 033	KKC 6010 - Narrow	Wiring Duct	60	96,9	100	16,00	2,00	2,00	18,00	4	6	2,1
551 034	KKC 8040 - Narrow	Wiring Duct	80	36,8	40	11,00	1,60	1,60	12,60	4	6	2,1
551 019	KKC 8060 - Narrow	Wiring Duct	80	57,0	60	12,00	1,80	1,80	13,80	4	6	2,1
551 020	KKC 8080 - Narrow	Wiring Duct	80	77,1	80	14,00	1,80	1,80	15,80	4	6	2,1
551 035	KKC 8010 - Narrow	Wiring Duct	80	97,2	100	16,00	2,20	2,20	18,20	4	6	2,1
551 021	KKC 1006 - Narrow	Wiring Duct	100	57,3	60	12,00	2,00	2,00	14,00	4	6	2,1
551 022	KKC 1008 - Narrow	Wiring Duct	100	77,2	80	14,00	2,00	2,00	16,00	4	6	2,1
551 036	KKC 1001 - Narrow	Wiring Duct	100	97,2	100	16,00	2,20	2,30	18,20	4	6	2,1
551 023	KKC 1206 - Narrow	Wiring Duct	120	57,6	60	12,00	2,30	2,00	14,30	4	6	2,1
551 024	KKC 1208 - Narrow	Wiring Duct	120	77,5	80	14,00	2,30	2,00	16,30	4	6	2,1
551 025	KKC 1201 - Narrow	Wiring Duct	120	97,5	100	16,00	2,40	2,40	18,40	4	6	2,1
551 040	KKC 1501 - Narrow	Wiring Duct	150	98,1	100	16,00	2,70	2,70	18,70	4	6	2,1

# Slotted Wiring Ducts

## Technical Specifications



Cat. No.	Type	Description	Size (mm)									
			A	B	C	D	E	F	G	H	I	J
551 014WS	KKC 4060 - Wide	Wiring Duct	40	56,5	60	12,00	1,60	1,60	13,60	8	12	2,1
551 015WS	KKC 4080 - Wide	Wiring Duct	40	76,8	80	14,00	1,80	1,80	15,80	8	12	2,1
551 032WS	KKC 4010 - Wide	Wiring Duct	40	96,9	100	16,00	1,90	2,00	17,90	8	12	2,1
551 017WS	KKC 6060 - Wide	Wiring Duct	60	56,8	60	12,00	1,80	1,80	13,80	8	12	2,1
551 018WS	KKC 6080 - Wide	Wiring Duct	60	76,7	80	14,00	1,80	1,80	15,80	8	12	2,1
551 033WS	KKC 6010 - Wide	Wiring Duct	60	96,9	100	16,00	2,00	2,00	18,00	8	12	2,1
551 019WS	KKC 8060 - Wide	Wiring Duct	80	57,0	60	12,00	1,80	1,80	13,80	8	12	2,1
551 020WS	KKC 8080 - Wide	Wiring Duct	80	77,1	80	14,00	1,80	1,80	15,80	8	12	2,1
551 035WS	KKC 8010 - Wide	Wiring Duct	80	97,2	100	16,00	2,20	2,20	18,20	8	12	2,1
551 021WS	KKC 1006 - Wide	Wiring Duct	100	57,3	60	12,00	2,00	2,00	14,00	8	12	2,1
551 022WS	KKC 1008 - Wide	Wiring Duct	100	77,2	80	14,00	2,00	2,00	16,00	8	12	2,1
551 036WS	KKC 1001 - Wide	Wiring Duct	100	97,2	100	16,00	2,20	2,30	18,20	8	12	2,1
551 023WS	KKC 1206 - Wide	Wiring Duct	120	57,6	60	12,00	2,30	2,00	14,30	8	12	2,1
551 024WS	KKC 1208 - Wide	Wiring Duct	120	77,5	80	14,00	2,30	2,00	16,30	8	12	2,1
551 025WS	KKC 1201 - Wide	Wiring Duct	120	97,5	100	16,00	2,40	2,40	18,40	8	12	2,1
551 040WS	KKC 1501 - Wide	Wiring Duct	150	98,1	100	16,00	2,70	2,70	18,70	8	12	2,1



Low Smoke Halogen Free

540 010	KHF 2530	HF Wiring Duct	25	26,6	30	8,00	1,55	1,55	9,55	4	6	
540 020	KHF 2540	HF Wiring Duct	25	36,8	40	10,00	1,60	1,60	11,60	4	6	
540 030	KHF 2560	HF Wiring Duct	25	56,8	60	12,00	1,60	1,60	13,60	4	6	
540 060	KHF 4040	HF Wiring Duct	40	36,9	40	10,00	1,60	1,60	11,60	4	6	
540 070	KHF 4060	HF Wiring Duct	40	56,9	60	12,00	1,60	1,60	13,60	4	6	
540 080	KHF 4080	HF Wiring Duct	40	76,9	80	14,00	1,80	1,80	15,80	4	6	
540 100	KHF 6040	HF Wiring Duct	60	37,0	40	10,00	1,60	1,60	11,60	4	6	
540 110	KHF 6060	HF Wiring Duct	60	57,1	60	12,00	1,80	1,80	13,80	4	6	
540 120	KHF 6080	HF Wiring Duct	60	77,1	80	14,00	1,90	1,90	15,90	4	6	
540 150	KHF 8060	HF Wiring Duct	80	57,1	60	12,00	1,80	1,80	13,80	4	6	
540 160	KHF 8080	HF Wiring Duct	80	77,1	80	14,00	2,00	2,00	16,00	4	6	

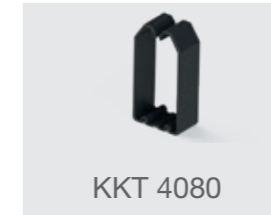
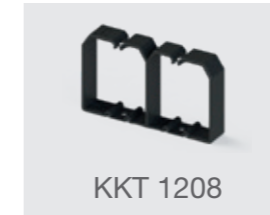
Top 1,8 - Middle 2,1

# Slotted Wiring Ducts

## Technical Specifications



Cat. No.	Type	Description	Size (mm)								
			A	B	C	D	E	F	G	H	
553 315	KKT 4040	Wire Retainer	34	35	-	-	-	-	-	-	-
553 325	KKT 4060	Wire Retainer	34	53	-	-	-	-	-	-	-
553 335	KKT 6080	Wire Retainer	53	75	-	-	-	-	-	-	-
553 345	KKT 4080	Wire Retainer	34	75	-	-	-	-	-	-	-
553 355	KKT 6040T	Wire Retainer	53	35	-	-	-	-	-	-	-
553 365	KKT 6060	Wire Retainer	53	53	-	-	-	-	-	-	-
553 375	KKT 6010	Wire Retainer	53	95	-	-	-	-	-	-	-
553 385	KKT 8060	Wire Retainer	73	53	-	-	-	-	-	-	-
553 395	KKT 1006	Wire Retainer	93	53	-	-	-	-	-	-	-
553 425	KKT 1206	Wire Retainer	113	53	-	-	-	-	-	-	-
553 435	KKT 8080	Wire Retainer	73	75	-	-	-	-	-	-	-
553 445	KKT 8010	Wire Retainer	73	95	-	-	-	-	-	-	-
553 455	KKT 1008	Wire Retainer	93	75	-	-	-	-	-	-	-
553 465	KKT 1001	Wire Retainer	93	95	-	-	-	-	-	-	-
553 475	KKT 1208	Wire Retainer	113	75	-	-	-	-	-	-	-
553 485	KKT 1201	Wire Retainer	113	95	-	-	-	-	-	-	-
553 405	KKB	Cable Clamp	15	11	6	-	-	-	-	-	-
553 415	KKM	Cable Holder	83,6	14	15	20	19,8	-	-	-	-



## Test Plugs and Sockets

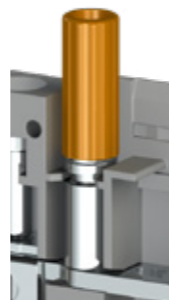


Cat. No.	Product	Terminals used
493 020	TF (Q2)	AVK 2.5; PIK 2.5 N; PIK 2.5 NK; PIK 2.5 ND; PIK 2.5 NLD; PIK 4N; PIK 4 NK; PIK 4 ND; PIK 4 NLD
493 023	TF (2.3)	AVK 2.5; AVK 4; AVK 6; AVK 10; PIK 2.5 N; PIK 4 NK; PIK 2.5 ND; PIK 2.5 NLD; PIK 4N; PIK 4 NK; PIK 4 ND; PIK 4 NLD
490 010	TSK 1 (Q2)	AVK 2.5; PIK 2.5 N; PIK 2.5 NK; PIK 2.5 ND; PIK 2.5 NLD; PIK 4N; PIK 4 NK; PIK 4 ND; PIK 4 NLD
490 030	TSK 3 (Q2.3)	AVK 2.5; PIK 2.5 N; PIK 2.5 NK; PIK 2.5 ND; PIK 2.5 NLD; PIK 4 N; PIK 4 NK; PIK 4 ND; PIK 4 NLD; PUK 3; PUK 2T; PUK 3T; PUK 3 S; PUK 3 SLD (NPN); PUK 3 SLD (PNP)
493 040	TF (Q4)	AVK 4; AVK 6; AVK 10; AVK 16; AVK 16 RD; AVK 35 RD; AVK 35 IRD; WGO 1; WGO 2N; WGO 2 IR; WGO 3; WGL 1; WGO PB 6; WGO Y6; WGO YD6; WGO PBD 6
490 040	TSK 4 (Q2.3)	AVK 4; AVK 6; AVK 10
490 070	TSK 7 (Q4)	AVK 4; AVK 6; AVK 10
490 080	TSK 8 (Q4)	AVK 16
490 090	TSK 9 (Q4)	AVK 16 RD; AVK 35 RD; AVK 35 RDS; AVK 35 IRDS
490 100	TSK 10	WGO 1; WGO 3; WGL 1; WGO Y6; WGO YD6; WGO 2N

Socket Group 1 (Without Isolation)		
Group 1	Suitable Terminal Blocks	WGO 1 - WGL 1 - WGO 3 - WGO 2N
	Component Stock Code	Component Name
	5.1.1.0.006213	UKK 6x11,8
	3.0.3.4.000314	SCREW M3x17



Test Socket Group 2 (With Isolation)		
Group 2	Suitable Terminal Blocks	WGO 1 - WGL 1 - WGO 3 - WGO 2N
	Color Options	Orange (Standart) - Blue - Green - Yellow - Violet
	Component Stock Code	Component Name
	0.0.0.4.90100	TSK 10 ORANGE
	5.1.1.0.006213	UKK 6x11,8



Test Socket Group 3 (With Isolation)		
Group 3	Suitable Terminal Blocks	WGO4
	Color Options	Orange (Standart) - Blue - Green - Yellow - Violet - Red - Black
	Component Stock Code	Component Name
	0.0.0.4.90110	TSK 11 ORANGE

## Cable Ties

**Natural** : Made from U.L. approved polyamide 66.  
Flammability rating : UL 94 V-2  
Normal service temperature range : - 40° C to 85° C.

**Black** : Material and temperature as above, except in black color.  
Specification : Made to comply with mil-spec drawing no. MS-3667  
tensile strength meet or exceed MIL-S-23190 D standart.

B or S codes at the end of each cat. number indicate the color of the cable-tie.  
Please contact for any requirements apart from the list.

B : White  
S : Black



Type	Cat. No.	Width (mm)	Length (mm)	Max. Bundle Dia. (mm)	Max. Tensite Strength (KGs)	Qty.
YKB 94	532 094 B	2,5	94	25	8	1000
YKB 94	532 094 S	2,5	94	25	8	1000
YKB 100	532 100 B	2,5	100	25	8	1000
YKB 100	532 100 S	2,5	100	25	8	1000
YKB 142	532 142 B	2,5	142	35	8	1000
YKB 142	532 142 S	2,5	142	35	8	1000
YKB 203	532 203 B	2,5	203	55	8	1000
YKB 203	532 203 S	2,5	203	55	8	1000
YKB 150	533 150 B	3,6	150	39	18	1000
YKB 150	533 150 S	3,6	150	39	18	1000
YKB 250	533 250 B	3,6	250	74	18	1000
YKB 250	533 250 S	3,6	250	74	18	1000
YKB 292	533 292 B	3,6	292	85	18	1000
YKB 292	533 292 S	3,6	292	85	18	1000
YKB 368	533 368 B	3,6	368	102	18	1000
YKB 368	533 368 S	3,6	368	102	18	1000
YKB 120	534 120 B	4,8	120	30	22	1000
YKB 120	534 120 S	4,8	120	30	22	1000
YKB 190	534 190 B	4,8	190	52	22	1000
YKB 190	534 190 S	4,8	190	52	22	1000
YKB 368	534 368 B	4,8	368	102	22	1000
YKB 368	534 368 S	4,8	368	102	22	1000
YKB 300	537 300 B	7,6	300	88	55	500
YKB 300	537 300 S	7,6	300	88	55	500
YKB 380	537 380 B	7,6	380	110	55	500
YKB 380	537 380 S	7,6	380	110	55	500
YKB 450	538 450 B	8,0	450	133	80	1000
YKB 450	538 450 S	8,0	450	133	80	1000
YKB 762	539 762 B	9,0	762	236	80	1000
YKB 762	539 762 S	9,0	762	236	80	1000

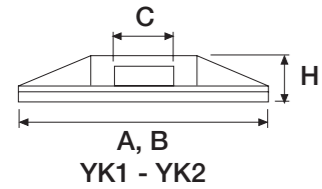
## Self-Adhesive Tie Mounts

**Material :** UL Approved Polyamide 66, UL 94V-2. (Backed with adhesive tape)  
Self-adhesive tie mounts are designed to support light weight wire bundles when properly applied on any clean, smooth, grease-free surface. For heavy support, mounting hole is provided for screws.

**Installation :** To apply, simply peel off backing paper and apply mount to surface. After that, cable ties can be inserted to secure wire bundles.

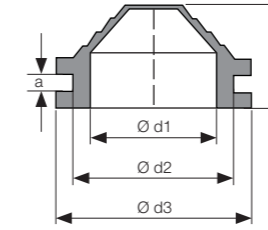
**To apply with the cable ties :**

YK 1 : Up to 4.7 mm. wide cable ties. B : White  
YK 2 : Up to 5 mm. wide cable ties. S : Black



Type	Cat. No.	Dimensions (mm)				Qty.
		A	B	C	H	
YK 1	541 210 B	21	21	4,4	5	500
YK 1	541 210 S	21	21	4,4	5	500
YK 2	541 280 B	28	28	6,5	5,8	500
YK 2	541 280 S	28	28	6,5	5,8	500

## Rubber Glands



Type	Cat. No.	Dimensions (mm)				Qty.
		a	h	Ø d1	Ø d2	
RR 11	630 110	10	16	22	13	100
RR 13,5	630 135	14	21	27	17,5	100
RR 16	630 160	17	23,5	29,5	17,5	100
RR 21	630 210	23	29	35	18,5	100
RR 29	630 290	29,5	38	44	21,5	100
RR 36	630 360	39,5	49	55	24,5	50
RR 42	630 420	49,5	59	66	30	50

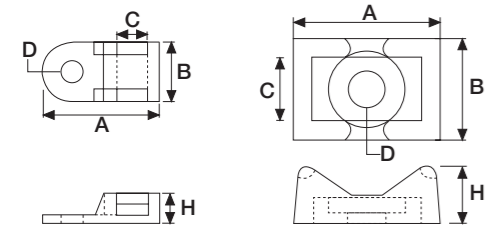
## Saddle Type Tie Mounts

**Material :** UL Approved Polyamide 66, UL 94V-2.

Saddle design provides maximum stability to wire bundles. To apply, simply fix mount with a screw and secure wire bundles with the cable ties.

**To apply with the cable ties :**

VK 1 : Up to 5 mm. wide cable ties.



Type	Cat. No.	Dimensions (mm)					Qty.
		A	B	H	D Ø	C	
VK 1	542 110 B	19	9,5	5	3,4	5	500
VK 1	542 110 S	19	9,5	5	3,4	5	500
VK 2	542 120 B	23	16	9	6	9	500
VK 2	542 120 S	23	16	9	6	9	500

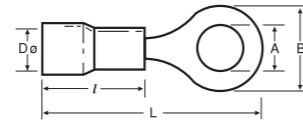


# Insulated Terminals



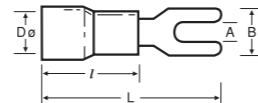
Insulated Terminals are made of E-Cu with tin - plating.  
Insulation parts are made of PVC.

## Insulated Terminals / Ringtype



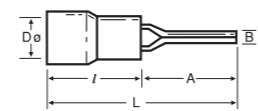
Cat. No.	Type	Cross-Sec. (mm <sup>2</sup> )	A	B	DØ	L	I	Qty.
590 010	KYK - 301	0,5 - 1,5	3,2	5,5 ±0,2	4,3 ±0,3	17,5 ±1,0	10 ±0,5	100
590 011	KYK - 351	0,5 - 1,5	3,8	6,6 ±0,2	4,3 ±0,3	19,4 ±1,0	10 ±0,5	100
590 012	KYK - 401	0,5 - 1,5	4,4	6,6 ±0,2	4,3 ±0,3	19,6 ±1,0	10 ±0,5	100
590 013	KYK - 501	0,5 - 1,5	5,4	8,0 ±0,2	4,3 ±0,3	20,8 ±1,0	10 ±0,5	100
590 014	KYK - 601	0,5 - 1,5	6,5	11,9 ±0,2	4,3 ±0,3	27,0 ±1,0	10 ±0,5	100
590 015	KYK - 801	0,5 - 1,5	8,5	11,8 ±0,2	4,3 ±0,3	26,7 ±1,0	10 ±0,5	100
590 020	KYK - 302	1,5 - 2,5	3,4	6,6 ±0,2	4,8 ±0,3	17,8 ±1,0	10 ±0,5	100
590 021	KYK - 402	1,5 - 2,5	4,4	8,5 ±0,2	4,8 ±0,3	22,0 ±1,0	10 ±0,5	100
590 022	KYK - 502	1,5 - 2,5	5,4	9,6 ±0,2	4,8 ±0,3	21,8 ±1,0	10 ±0,5	100
590 023	KYK - 602	1,5 - 2,5	6,4	12 ±0,2	4,8 ±0,3	27,0 ±1,0	10 ±0,5	100
590 024	KYK - 802	1,5 - 2,5	8,5	12 ±0,2	4,8 ±0,3	27,0 ±1,0	10 ±0,5	100
590 025	KYK-1002	1,5 - 2,5	10,6	13,6 ±0,2	4,8 ±0,3	30,5 ±1,0	10 ±0,5	100
590 030	KYK - 406	4,0 - 6,0	4,4	9,5 ±0,2	6,7 ±0,3	26,6 ±1,0	13 ±0,5	100
590 031	KYK - 506	4,0 - 6,0	5,3	9,5 ±0,3	6,7 ±0,3	26,6 ±1,0	13 ±0,5	100
590 032	KYK - 606	4,0 - 6,0	6,4	12 ±0,2	6,7 ±0,3	29,5 ±1,0	13 ±0,5	100
590 033	KYK - 806	4,0 - 6,0	8,5	15 ±0,2	6,5 ±0,3	34,0 ±1,0	13 ±0,5	50
590 034	KYK-1006	4,0 - 6,0	10,6	15 ±0,2	6,7 ±0,3	33,8 ±1,0	13 ±0,5	50
590 035	KYK-1206	4,0 - 6,0	13,1	19,1 ±0,2	6,7 ±0,3	38,2 ±1,0	13 ±0,5	50

## Insulated Terminals / Forktype



Cat. No.	Type	Cross-Sec. (mm <sup>2</sup> )	A	B	DØ	L	I	Qty.
591 010	KCK - 301	0,5 - 1,5	3,3	5,7 ±0,2	4,3 ±0,3	21 ±1,0	10 ±0,5	100
591 011	KCK - 351	0,5 - 1,5	3,8	6,4 ±0,3	4,1 ±0,3	21 ±1,0	10 ±0,5	100
591 012	KCK - 401	0,5 - 1,5	4,4	6,4 ±0,2	4,3 ±0,3	21 ±1,0	10 ±0,5	100
591 013	KCK - 501	0,5 - 1,5	5,4	8,1 ±0,2	4,3 ±0,3	21 ±1,0	10 ±0,5	100
591 014	KCK - 601	0,5 - 1,5	6,6	9,5 ±0,2	4,3 ±0,3	21 ±1,0	10 ±0,5	100
591 021	KCK - 352	1,5 - 2,5	3,7	6 ±0,2	4,8 ±0,3	21 ±1,0	10 ±0,5	100
591 022	KCK - 402	1,5 - 2,5	4,4	6,4 ±0,2	4,8 ±0,3	21 ±1,0	10 ±0,5	100
591 023	KCK - 502	1,5 - 2,5	5,4	8,1 ±0,2	4,8 ±0,3	21 ±1,0	10 ±0,5	100
591 024	KCK - 602	1,5 - 2,5	6,5	12 ±0,3	4,9 ±0,3	27 ±1,0	10 ±0,5	100
591 030	KCK - 406	4,0 - 6,0	4,4	8,3 ±0,3	6,6 ±0,3	25,5 ±1,0	13 ±0,5	100
591 031	KCK - 506	4,0 - 6,0	5,4	9,0 ±0,3	6,7 ±0,3	25,5 ±1,0	13 ±0,5	100
591 032	KCK - 606	4,0 - 6,0	6,6	12 ±0,3	6,7 ±0,3	31,5 ±1,0	13 ±0,5	50

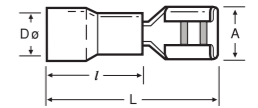
## Insulated Terminals / Pinconnectors



Cat. No.	Type	Cross-Sec. (mm <sup>2</sup> )	A	B	DØ	L	I	Qty.
592 010	KIK 1/1,5	0,5 - 1,5	12,0 ±0,3	1,9 ±0,2	4,3 ±0,3	22,0 ±1,0	10,0 ±0,5	200
592 020	KIK 1/2,5	1,5 - 2,5	12,0 ±0,3	1,8 ±0,2	4,9 ±0,3	22,0 ±1,0	10,0 ±0,5	200
592 030	KIK 6	4,0 - 6,0	14,0 ±0,3	2,8 ±0,2	6,7 ±0,3	27,0 ±1,0	13,0 ±0,5	100

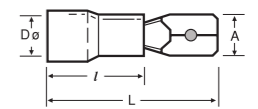
# Insulated Terminals

## Insulated Terminals / Female Disconnect



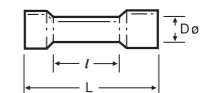
Cat. No.	Type	Cross-Sec. (mm <sup>2</sup> )	A	DØ	L	I	Qty.
593 010	KFD - 1288	0,5 - 1,5	3,2 +0,2 -0,05	3,4 ±0,3	18,8 ±1,0	10 ±0,5	100
593 011	KFD - 1488	0,5 - 1,5	5,00 +0,2 -0,05	3,4 ±0,3	18,8 ±1,0	10 ±0,5	100
593 012	KFD - 1638	0,5 - 1,5	6,7 ±0,2	3,4 ±0,3	20,5 ±1,0	10 ±0,5	100
593 020	KFD - 2488	1,5 - 2,5	5,00 +0,2 -0,05	4,1 ±0,3	19 ±1,0	10 ±0,5	100
593 021	KFD - 2638	1,5 - 2,5	6,7 ±0,2	4,1 ±0,3	20,4 ±1,0	10 ±0,5	100
593 022	KFDC - 2288	1,5 - 2,5	3,20 +0,2 -0,05	4,6 ±0,3	19 ±1,0	10,5 ±0,5	100
593 030	KFD - 5638	4,0 - 6,0	6,7 ±0,2	5,6 ±0,3	23,4 ±1,0	13 ±0,5	100

## Insulated Terminals / Male Disconnect



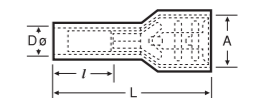
Cat. No.	Type	Cross-Sec. (mm <sup>2</sup> )	A	DØ	L	I	Qty.
594 010	KFE - 1288	0,5 - 1,5	2,8 ±0,2	4,1 ±0,3	18,7 ±1,0	10 ±1,0	100
594 011	KFE - 1488	0,5 - 1,5	4,8 ±0,2	3,5 ±0,3	19,2 ±1,0	10 ±0,5	100
594 012	KFE - 1638	0,5 - 1,5	6,35 ±0,2	3,4 ±0,3	21 ±1,0	10 ±0,5	100
594 020	KFE - 2488	1,5 - 2,5	4,8 ±0,2	4,1 ±0,3	19,4 ±1,0	10 ±1,0	100
594 021	KFE - 2638	1,5 - 2,5	6,35 ±0,2	4,1 ±0,3	21 ±1,0	10 ±1,0	100
594 030	KFE - 5638	4,0 - 6,0	6,35 ±0,2	5,6 ±0,3	24 ±1,0	13 ±0,5	100

## Insulated Terminals / Butt Connectors



Cat. No.	Type	Cross-Sec. (mm <sup>2</sup> )	DØ	L	I	Qty.
597 010	KME - 251	0,5 - 1,5	4,3 ±0,3	26,0 ±1,0	15,0 ±0,3	200
597 020	KME - 252	1,5 - 2,5	4,8 ±0,3	26,0 ±1,0	15,0 ±0,3	200
597 030	KME - 256	4,0 - 6,0	6,7 ±0,3	27,0 ±1,0	15,0 ±0,3	100

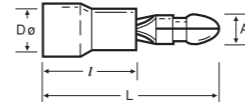
## Fully Insulated Terminals / Female Disconnect



Cat. No.	Type	Cross-Sec. (mm <sup>2</sup> )	A	DØ	L	I	Qty.
595010	IKFD 1288	0,5 - 1,5	3,2 +0,2-0,05	3,4 ±0,3	18,5 ±1,0	10 ±0,5	100
595011	IKFD 1488	0,5 - 1,5	5,00 ±0,2	3,4 ±0,3	19 ±1,0	10 ±0,5	100
595012	IKFD 1638	0,5 - 1,5	6,7 ±0,2	3,4 ±0,3	22,6 ±1,0	10 ±0,5	100
595013	IKFDC 1638	0,5 - 1,5	6,7 ±0,2	3,9 ±0,3	22,6 ±1,0	10 ±0,5	100
595019	IKFDCY 1638	0,5 - 1,5	6,7 ±0,2	3,9 ±0,3	22,9 ±1,0	10 ±0,5	100
595020	IKFD 2488	1,5 - 2,5	5,0 +0,2-0,05	4,2 ±0,3	21,7 ±1,0	10 ±0,5	100
595021	IKFD 2638	1,5 - 2,5	6,7 ±0,2	4,1 ±0,3	22,8 ±1,0	10 ±0,5	100
595022	IKFDC 2638	1,5 - 2,5	6,7 ±0,2	4,7 ±0,3	22,4 ±1,0	10 ±0,5	100
595030	IKFD 5638	4,0 - 6,0	6,7 ±0,2	5,2 ±0,3	23,8 ±1,0	11 ±0,5	100
595031	IKFDC 5638	4,0 - 6,0	6,7 ±0,2	6,4 ±0,3	24 ±1,0	12 ±0,5	100

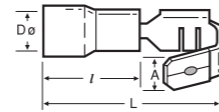
## Insulated Terminals

### Insulated Terminals / Male Bullet



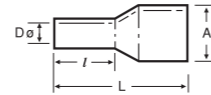
Cat. No.	Type	Cross-Sec. (mm <sup>2</sup> )	A	DØ	L	l	Qty.
598 010	KMT - 1040	0,5 - 1,5	4,0 ±0,2	3,4 ±0,3	21,5 ±1,0	10 ±0,5	200
598 020	KMT - 2050	1,5 - 2,5	5,0 ±0,2	4,1 ±0,3	21,5 ±1,0	10 ±0,3	200
598 030	KMT - 5050	4,0 - 6,0	5,0 ±0,2	5,6 ±0,3	24,5 ±1,0	13 ±0,3	100

### Insulated Terminals / Piggy Back



Cat. No.	Type	Cross-Sec. (mm <sup>2</sup> )	A	DØ	L	l	Qty.
596010	KPB 1638	0,5 - 1,5	6,5 ±0,2	3,4 ±0,3	21,5 ±1,0	10,2 ±0,5	200
596011	KPBC 1638	0,5 - 1,5	6,5 ±0,2	4,0 ±0,3	22,0 ±1,0	10,5 ±0,5	200
596020	KPB 2638	1,5 - 2,5	6,5 ±0,2	4,2 ±0,3	21,5 ±1,0	10,2 ±0,5	100
596030	KPB 5638	4,0 - 6,0	6,3 ±0,2	5,5 ±0,3	24,0 ±1,0	12,7 ±0,5	100
596031	KPBC 5638	4,0 - 6,0	6,4 ±0,2	6,2 ±0,3	24,8 ±1,0	13,0 ±0,5	100

### Insulated Terminals / Female Bullet

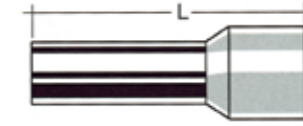


Cat. No.	Type	Cross-Sec. (mm <sup>2</sup> )	A	DØ	L	l	Qty.
599 010	KFT - 1040	0,5 - 1,5	3,9 ±0,2	3,3 ±0,3	24,5 ±1,0	10,0 ±0,5	200
599 020	KFT - 2050	1,5 - 2,5	4,9 ±0,2	3,9 ±0,3	25,0 ±1,0	10,0 ±0,5	200
599 030	KFT - 5050	4,0 - 6,0	4,9 ±0,2	5,6 ±0,3	28,0 ±1,0	13,0 ±0,5	100

DØ: Do is the inner-Width for the isolation part.

## End Sleeves

### Insulated Type



Type	Cat. No.	Cross-Section (mm <sup>2</sup> )	L (mm)	Color	AWG	Qty.
IKY 0,25/8	570 002F			Violet		500
IKY 0,34/8	570 003F			Pink		500
IKY 0,50/8	570 010F	0,50	14	White	20	500
IKY 0,75/8	570 020F	0,75	14	Blue	18	500
IKY 1,0/8	570 030F	1,0	14	Red	17	500
IKY 1,5/8	570 040F	1,5	14	Black	16	500
IKY 2,5/8	570 050F	2,5	15	Gray	14	250
IKY 4,0/9	570 060F	4	16	Orange	12	250
IKY 6,0/12	570 070F	6	20	Green	10	100
IKY 10,0/12	570 080F	10	21	Brown	8	100
IKY 16,0/12	570 090F	16	22	Ivory	6	50
IKY 15,0/16	570 100F	25	29	Black	4	20
IKY 35,0/16	570 110F	35	30	Red	2	20
IKY 50,0/20	570 120F	50	36	Blue	1	20

Type	Cat. No.	Cross-Section (mm <sup>2</sup> )	L1 (mm)	L2 (mm)	S2	AWG	Color	Qty.
IKY 0,25/8	570 002	10	6	0,25	0,25	20	Light Blue	500
IKY 0,35/8	570 003	10	6	0,25	0,34	20	Turquoise	500
IKY 0,50/8	570 010	14	8	0,25	0,5	20	Orange	500
IKY 0,75/8	570 020	14	8	0,25	0,75	18	White	500
IKY 1,0/8	570 030	14	8	0,25	1	17	Yellow	500
IKY 01,5/8	570 040	14	8	0,25	1,5	16	Red	500
IKY 1,5/10	570 041	16	10	0,25	1,5	16	Red	500
IKY 1,5/12	570 042	18	12	0,25	1,5	16	Red	500
IKY 1,5/18	570 043	24	18	0,25	1,5	16	Red	500
IKY 2,5/8	570 050	15	8	0,25	2,5	14	Blue	250
IKY 2,5/12	570 052	19	12	0,25	2,5	14	Blue	250
IKY 2,5/18	570 053	25	18	0,25	2,5	14	Blue	250
IKY 4,0/9	570 060	18	10	0,3	4	12	Grey	250
IKY 4,0/12	570 061	19	12	0,3	4	12	Grey	250
IKY 6,0/12	570 070	20	12	0,3	6	10	Black	100
IKY 6,0/18	570 071	26	18	0,3	6	10	Black	100
IKY 10,0/12	570 080	22	12	0,4	10	8	Beige	100
IKY 10,0/18	570 081	28	18	0,4	10	8	Beige	100
IKY 16,0/12	570 090	22	12	0,4	16	6	Green	50
IKY 16,0/18	570 091	28	18	0,4	16	6	Green	50
IKY 25,0/16	570 100	30	16	0,4	25	4	Brown	20
IKY 35,0/16	570 110	30	16	0,4	34	2	Beige	20
IKY 50,0/20	570 120	36	20	0,5	50	1	Olive Green	20

# Insulated End Sleeves - Standard DIN Series

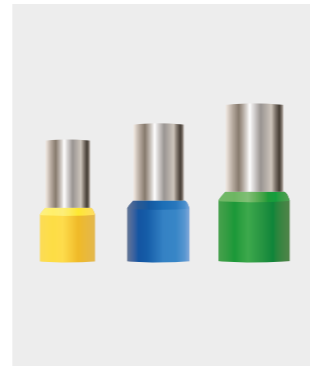
## Single Cord Insulated End Sleeves



**Material:** Insertion funnel is made of PA  
Self-Extinguish  
Metal cylinder is made of tin-plated copper  
(EN 13600)  
**Heat resistant:** -40~105°C  
ROHS Compliant

**Standard:** Dimensions and colours are compatible with  
DIN 46228 According to UL 486 requirements  
**Color Standard:** German

**Package:** Transparent Box



### Uninsulated Type



Type	Cat. No.	Cross-Section (mm <sup>2</sup> )	L (mm)	AWG	Qty.
KY 0,50/10	571 010	0,50	10	20	1000
KY 0,75/10	571 020	0,75	10	18	1000
KY 1,0/10	571 030	1,0	10	17	1000
KY 1,5/10	571 040	1,5	10	16	1000
KY 2,5/12	571 050	2,5	12	14	1000
KY 4,0/12	571 060	4,0	12	12	500
KY 6,0/12	571 070	6,0	12	10	250
KY 10,0/12	571 080	10,0	12	8	250
KY 16,0/12	571 090	16,0	12	6	100

Uninsulated end sleeves are made of E-Cu with tin-plating as per DIN 46228/1.

### Twin Cord end Terminals



Type	Cat. No.	Cross-Section (mm <sup>2</sup> )	Color	Qty.
IKY - 2 x 0,5/8	572 010	2 x 0,5	Orange	500
IKY - 2 x 0,75/8	572 020	2 x 0,75	White	500
IKY - 2 x 1/8	572 030	2 x 1,0	Yellow	500
IKY - 2 x 1,5/8	572 040	2 x 1,5	Red	250
IKY - 2 x 2,5/10	572 050	2 x 2,5	Blue	200
IKY - 2 x 4/12	572 060	2 x 4,0	Grey	100
IKY - 2 x 6/14	572 070	2 x 6,0	Black	75
IKY - 2 x 10/14	572 080	2 x 10	Ivory	50
IKY - 2 x 16/14	572 090	2 x 16	Green	20

Insulated twin cord end sleeves are made of E-Cu with tin-plating as per DIN 46228/4.

# Hand Tools

## Crimping Tools



Cat. No.	Product	Cable Cross-Section	Crimping Technic	Terminal Insertion	Self-Adjustment	Qty.
562 113	CRIMPER 6	0,25-6,0mm <sup>2</sup> (AWG 24-10)	Linear	Front	Automatic	1
<ul style="list-style-type: none"> <li>Automatic adjustment to the wire cross-sections</li> <li>Continuous precision crimp over the full length of the ferrule</li> <li>Full cycle ratchet operation (with release) assuring a complete crimp</li> <li>Perfect fit to hand ergonomics</li> <li>Patented crimping technology</li> </ul>			<b>Terminal / Connector Type</b>		<b>Crimping Profile</b>	



Cat. No.	Product	Cable Cross-Section	Crimping Technic	Terminal Insertion	Self-Adjustment	Qty.
562 125	CRIMPER F 10 R	0,08-10 mm <sup>2</sup> (28-8 AWG)	Linear	Side	Automatic	1
<ul style="list-style-type: none"> <li>Crimping of wire end ferrules with or without insulation</li> <li>High-precision crimping results</li> <li>Ergonomically designed soft handles with non-slip grip material for comfortable working.</li> </ul>			<b>Terminal / Connector Type</b>		<b>Crimping Profile</b>	



Cat. No.	Product	Cable Cross-Section	Crimping Technic	Terminal Insertion	Self-Adjustment	Qty.
562 126	CRIMPER F 10 L	0,5-10 mm <sup>2</sup> (20-8 AWG)	Linear	Front	-	1
<ul style="list-style-type: none"> <li>Automatic adjustment to the wire cross-sections</li> <li>High precision crimping</li> <li>Releasable ratchet ensures the complete crimping process</li> <li>Ergonomically designed soft handles with non-slip grip material for comfortable working.</li> </ul>			<b>Terminal / Connector Type</b>		<b>Crimping Profile</b>	



Cat. No.	Product	Cable Cross-Section	Crimping Technic	Terminal Insertion	Self-Adjustment	Qty.
562 124	CRIMPER N 16 H	0,08-16 mm <sup>2</sup>	Linear	Side	-	1
<ul style="list-style-type: none"> <li>Automatic adjustment between 0,08 - 16 mm<sup>2</sup></li> <li>Required hand force reduced by 30%</li> <li>Hexagonal crimping</li> <li>Releasable ratchet ensures the complete crimping process</li> <li>Ergonomically designed soft handles with non-slip grip material for comfortable working.</li> </ul>			<b>Terminal / Connector Type</b>		<b>Crimping Profile</b>	



Cat. No.	Product	Cable Cross-Section	Qty.
562 117	CRIMPER N 16 L	0,14-16,0 mm <sup>2</sup> (26-20;18-16; 14; 12; 10; 8; 6 AWG)	1
		<b>Terminal / Connector Type</b>	<b>Crimping Profile</b>



## Hand Tools

### Crimping Tools



Cat. No.	Product	Cable Cross-Section	Qty.
562 119	CRIMPER N 50 L	10,0-50,0 mm <sup>2</sup> (8;6;4;2;1 AWG)	1
		<b>Terminal / Connector Type</b>	<b>Crimping Profile</b>
<ul style="list-style-type: none"> <li>Releasable ratchet ensures the complete crimping process</li> <li>Ergonomically designed soft handles with non-slip grip material for comfortable working.</li> </ul>			



Cat. No.	Product	Crimping Range	Qty.
562 120	CRIMPER IT 6 S	Red 0,5-1,0 (20-18 AWG) Blue 1,5-2,5 (16-14 AWG) Yellow 4,0-6,0(12-10 AWG)	1
		<b>Terminal / Connector Type</b>	<b>Crimping Profile</b>
<ul style="list-style-type: none"> <li>Red/blue/yellow round type DIN cable lugs, pin cable lugs, female FASTON cable lugs, male FASTON cable lugs, male terminals, cable joints</li> <li>Ergonomically designed soft handles with non-slip grip material for comfortable working.</li> </ul>			

### Cable Strippers



Cat. No.	Product	Cable Cross-Section	Terminal Insertion	Qty.
562 114	STRIPPER 16	0,03-16 mm <sup>2</sup>	Front	1
<ul style="list-style-type: none"> <li>Stripping and cutting of stranded and solid wires with PVC insulation of 0,03 to 16 mm<sup>2</sup></li> <li>Self-adjustment for all cross-sections with POWER PLUS feature</li> <li>Adjustable stripping length 3 - 21 mm</li> <li>Ergonomically designed soft handles with non-slip grip material for comfortable working.</li> </ul>				

#### Spare Knife Set - 562127



Cat. No.	Product	Cable Cross-Section	Terminal Insertion	Qty.
562 123	STRIPPER 28 C	Ø4,5 - 29 mm	-	1
<ul style="list-style-type: none"> <li>Cable stripping as lane with patented stripping mode</li> <li>Maximum performance with less effort</li> <li>High strength special steel</li> </ul>				

## Hand Tools

### Cable Cutting Tools



Cat. No.	Product	Cable Cross-Section	Qty.
562 110	CUTTER 16	0,03 to 70 mm <sup>2</sup>	1
<ul style="list-style-type: none"> <li>For burr-free cutting of standard wire cables</li> <li>Wide application range from 0,03 up to 70 mm<sup>2</sup></li> <li>Blades with serrated edge</li> <li>Low hand force</li> <li>Soft-grips</li> </ul>			



Cat. No.	Product	Cable Cross-Section		Qty.
		Solid	Stranded	
562 122	CUTTER 32	max. 25/15 mm AL/CU diameter	max. 32 mm diameter or 300 mm <sup>2</sup>	1
<ul style="list-style-type: none"> <li>High tempered special steel</li> <li>Locking lever</li> <li>Step-wise and burr-free cutting</li> <li>Unlocking possibility in every position</li> <li>Hand tool model</li> <li>Ergonomically designed soft handles with non-slip grip material for comfortable working.</li> </ul>				

### Hand Tool Set

Cat. No.	Product	Cable Cross-Section	Crimping Technic	Terminal Insertion	Qty.
562 128	STRIP & CRIMP SET 1				1
562 114	STRIPPER 16	0,03-16 mm <sup>2</sup>	-	Front	1
562 124	CRIMPER N 16 H	0,08-16 mm <sup>2</sup>	Linear	Side	1



CRIMPER N 16 H - 562124

STRIPPER 16 - 562114

## Hand Tools

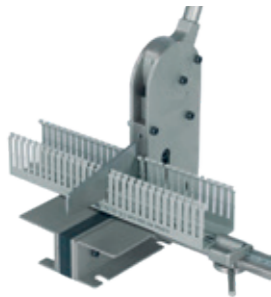
### Wiring Duct Cutting Tool



Cat. No.	Product	Qty.
553 230	KKMR	1

- Burr-free cutting of wiring ducts and wiring duct covers
- Straight or 45° cutting options
- Equal force distribution across blades helps homogenous cutting
- Cutting up to 100 mm width

### Wiring Duct Cutting Tool



Cat. No.	Product	Cutting Type	Max. Width	Length Adjustment	Qty.
553 220	KMK 1002	Straight	125 mm	100 cm	1

- Cover cutting
- Burr-free cutting
- Non-blunting knife
- Length adjustment guide
- Cutting up to 125 mm width

### Rail Cutting Tool



Cat. No.	Product	Cutting Thickness	Cutting Capacity	Length Adjustment	Qty.
500 650	KRKM	1,5 mm	7,5x35 mm 15x35 mm Tij Ø8mm	100 cm	1

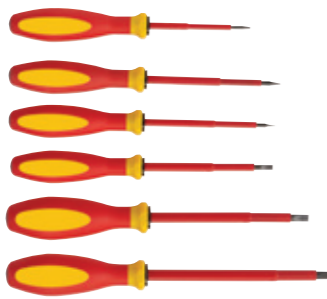
- 3 different cutting slots
- Clean Cut
- Lossless cutting
- Non-blunting knife
- Length adjustment guide

### Non - Isolated Screwdrivers



Cat. No.	Product	Description	Qty.
560 010	KT1	2,5x75 - Flat	1
560 020	KT2	3,0x100 - Flat	1
560 030	KT3	3,5x100 - Flat	1
560 040	KT4	4,0x125 - Flat	1
560 050	KT5	5,5x150 - Flat	1
560 060	KT6	6,5x200 - Flat	1

### Isolated Screwdrivers



Cat. No.	Product	Description	Qty.
561 010	IKT1	2,5x75 - Flat	1
561 020	IKT2	3,0x100 - Flat	1
561 030	IKT3	3,5x100 - Flat	1
561 040	IKT4	4,0x125 - Flat	1
561 050	IKT5	5,5x150 - Flat	1
561 060	IKT6	6,5x200 - Flat	1

### Main Tester



Cat. No.	Product	Description	Qty.
561 110	KK1	140 mm	1
561 120	KK2	180 mm	1

## CE Sign

The letters CE stand for Conformance Europeene. CE sign confirms that a product meets the demands of all relevant guidelines and regulations of the European Union (EU), and declares a product is appropriate for human security and health. The products of Klemsan are subject to below directives:

### 1- Low Voltage Directive (LVD) - 73/23 EEC

This directive includes electrical devices which function in the range of 50-1000 V (alternative current) and 75-1500 V (direct current).

2- Equipment for use in potentially Explosive Atmospheres (ATEX) - 94/9 EEC. ATEX is the name commonly given to the framework for controlling explosive atmospheres and the standards of equipment and protective systems used in them.

## RoHS

The RoHS Directive stands for "Restriction of the use of certain Hazardous Substances in electrical and electronic equipment". This Directive bans the placing on the EU market of new electrical and electronic equipment containing more than agreed levels of lead, cadmium, mercury, hexavalent chromium, polybrominated biphenyl (PBB) and polybrominated diphenyl ether (PBDE) flame retardants. The permitted ratios are below:

Cd - Cadmium - %0,01 ppm

Hg - Mercury - %0,1 ppm

Cr(VI) - Hexavalent chromium (coating) - %0,1 ppm

PBB - Polybrominated biphenyl (flame retardant) - %0,1 ppm

PBDE - Polybrominated diphenyl ether (flame retardant) - %0,1 ppm

Pb - Lead - %0,1 ppm

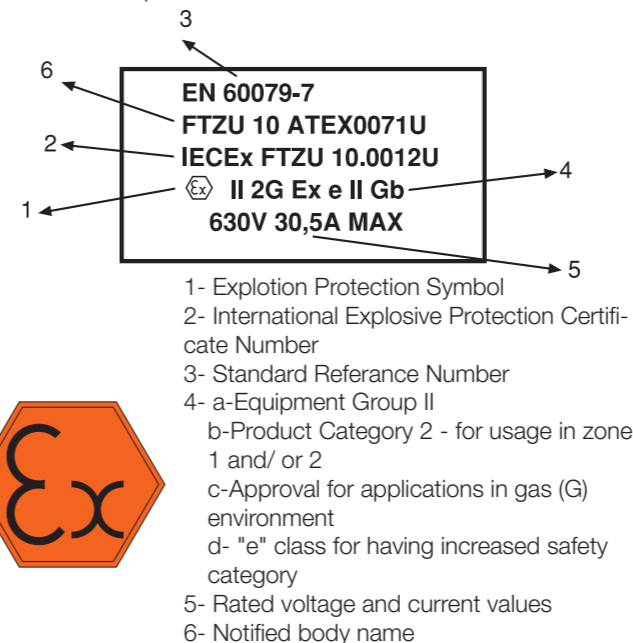
ppm: parts per million (in total weight)

Klemsan has developed some processes and components in accordance with RoHS Directives in 2006, and had its products tested in the approved laboratories, and achieved RoHS Conformity Approvals.

## Pollution Severities

Pollution SeveATEX Directives regulating the "94/9/EC - use of equipment in potentially explosive atmospheres was put into force on December 1st 2003 by the European Union. By this directive, rated values for normal operating conditions have been revised for potentially explosive areas.

Below figure illustrates and verbalizes the meaning of the labels ATEX certificated products:



## EQUIPMENT GROUP

- 1- Mines
- 2- Other industry branches

## CLASSIFICATION OF POTENTIALLY EXPLOSIVE AREAS

**ZONE 0:** Places where the potential for explosion is high and duration is long under normal operating conditions  
**ZONE 1:** Places where the potential for explosion is low and duration is short under normal operating conditions  
**ZONE 2:** Places where there is no potential for explosion under normal operating conditions or low potential for explosion with short duration under defect, repair and maintenance situations.

## "e" CLASS INCREASED SAFETY

This is an application where the precautions are taken although there is no arc occurring under normal operating conditions. Security of the device is increased one step further. This application is used in environments with no danger of high temperature under normal operations e.g. in terminal block Boxes, cable connections. Such products do not need to be pressure resistant; it is sufficient to get their IP degree up to a level that assures water and humidity resistance.

## Reach Directive

As the name implies, the 2006/1907/EC REACH (Registration, Evaluation, Authorization and Restriction of Chemicals) directive, adopted by the European Union on 1 June 2007, obliges companies that produce, import or use chemical substances to register these substances and their uses and determine any related dangers and risks if required.



European Chemical Agency (ECHA) will publish the lists of SVHC (Substances of very high concern)

As of 01 December 2011, companies exporting goods into the EU must give a declaration to ECHA about their usage of SVHC as to whether the goods contain these materials in more than %0.1 SVHC as concentration/weight and more than 1 ton/year SVHC.

The European Union, by these directives, aims to record all the chemicals used in the industry and investigating these chemicals as to whether they have any hazardous effect on human health and environment, it can restrict or prohibit the usage of some chemicals in the industry.

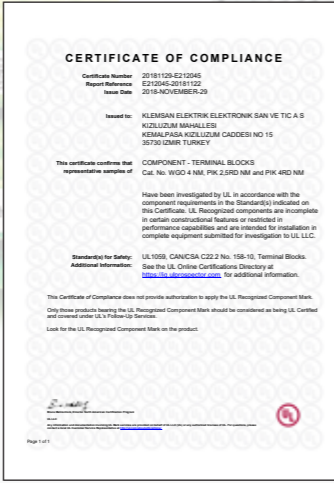
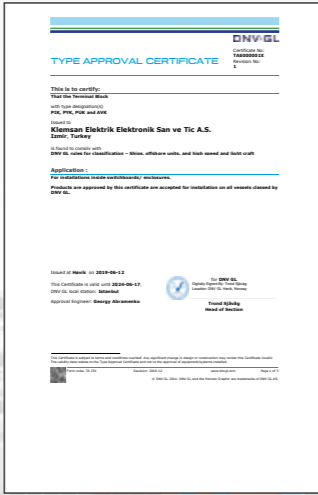
# Important Notice

- KlemSan Inc. reserves the rights for any changes in this catalogue.
- For the products that are not included in our catalogue please contact with our Trade Department.
- Figures and technical specs in this catalogue are only for general purpose.
- Our products are assembled to be in accordance with EC technical regulations and correspond to the national and international standards. All our products are fabricated in our ISO 9001 and ISO 14001 certified manufacturing plants.

• For further information on the certificates: Tel : +90 (232) 877 08 00 • Fax: +90 (232) 877 08 06

• All terminal blocks within the scope of this product catalog are compatible with the Rules for the classification and construction of sea going ships, the Technical Regulation Concerning the safety of Sea Transport Items (TR-620)

ISO 50001- ISO 9001 - ISO 14001



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