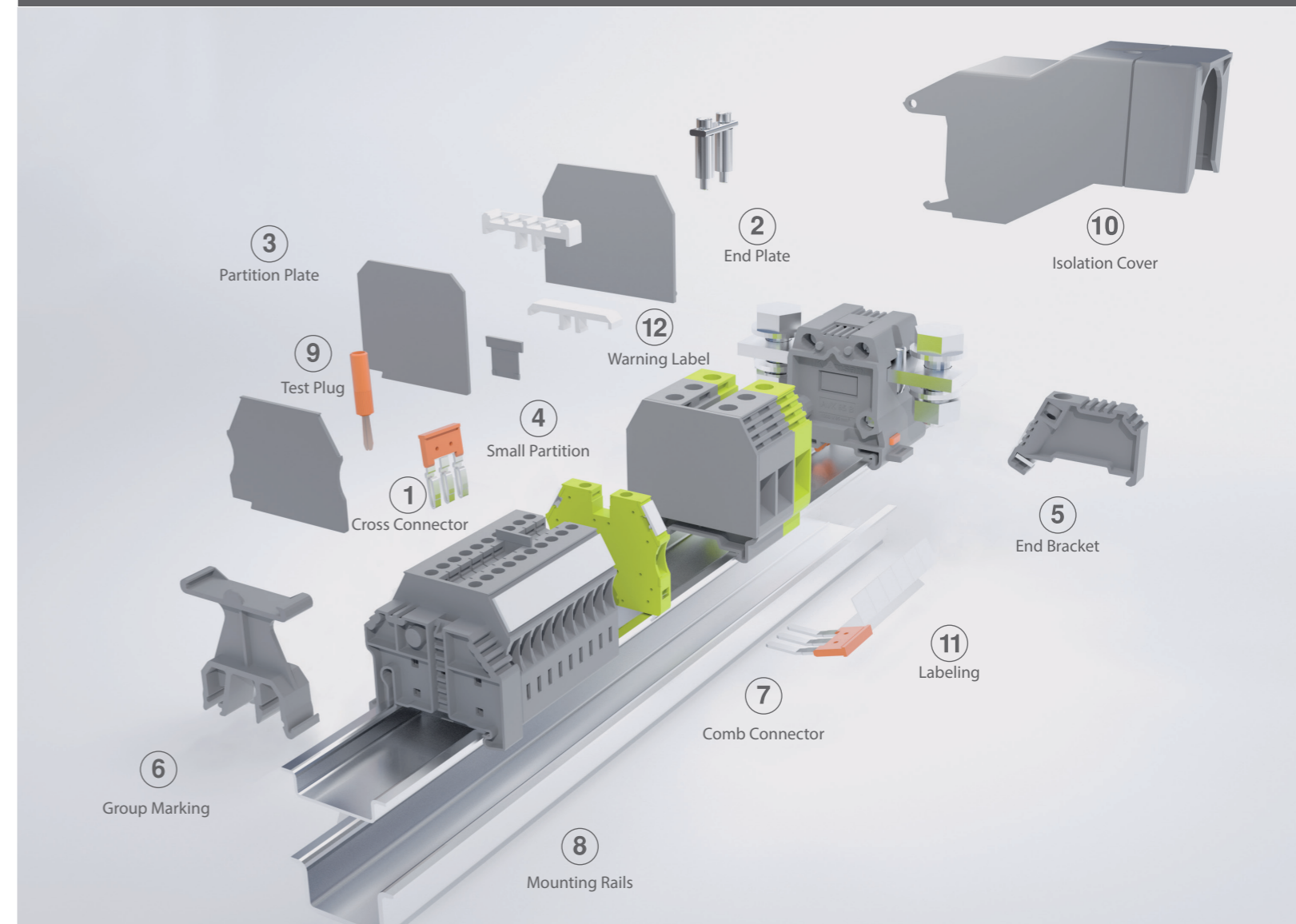


Klemsan[®]

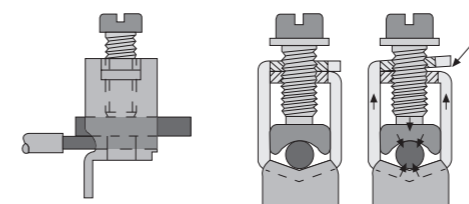


SHORT FORM CATALOGUE



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.

| | AVK 2,5 Width: 5 mm 304 120 | AVK 2,5 RD Width: 5 mm 304 200 | AVK 4 Width: 6 mm 304 130 | AVK 4 RD Width: 6 mm 304 210 |
|---|--|--|--|--|
| Electrical Ratings CE (EN 60947-7-1) VDE (IEC 60947-7-1) UL / CSA ATEX | 750 V ~ / 24 A / 2,5 mm ² 750 V ~ / 24 A / 2,5 mm ² 600 V ~ / 20 A / AWG 26 - 12 630 V ~ / 23 A | 750 V ~ / 24 A / 2,5 mm ² 750 V ~ / 24 A / 2,5 mm ² 600 V ~ / 20 A / AWG 26 - 12 630 V ~ / 23 A | 750 V ~ / 32 A / 4 mm ² 750 V ~ / 32 A / 4 mm ² 600 V ~ / 30 A / AWG 26 - 10 630 V ~ / 30,5 A | 750 V ~ / 32 A / 4 mm ² 750 V ~ / 32 A / 4 mm ² 600 V ~ / 30 A / AWG 26 - 10 630 V ~ / 29 A |
| Cross Connection | UK 2,5/2-3-4-10-16-20-50 | UK 2,5/2-3-4-10-16-20-50 | UK 4/2-3-4-10-20-50 | UK 4/2-3-4-10-50 |
| End Plate | NPP 2,5 / APP 2,5-10 | NPP 2,5 - 10 / APP 2,5-10 | NPP 2,5 / APP 2,5-10 | NPP 2,5 - 10 / APP 2,5-10 |
| Small Partition | AD 1 | | AD 1 | |
| End Bracket | KD 3 - KD 4 - KD 7 | KD 3 - KD 4 - KD 7 | KD 3 - KD 4 - KD 7 | KD 3 - KD 4 - KD 7 |
| Group Marking | GE - GE 2 - ME - ME 3 | GE - GE 3 - ME - ME 3 | GE - GE 2 - ME - ME 3 | GE - GE 2 - ME - ME 3 |
| Comb Connector | TKO 2,5 / 2-3-4-10 | TKO 2,5 / 2-3-4-10 | TKO 4 / 2-3-4-10 | TKO 4 / 2-3-4-10 |
| Marking Tags | DB 10/5 - DG 10/5 - DG 10/5T *ETS + 11.2 Marking Strip | DB 10/5 - DG 10/5 - DG 10/5T *ETS + 11.2 Marking Strip | DB 10/6 - DG 10/6 - DG 10/6T *ETS + 11.2 Marking Strip | DB 10/6 - DG 10/6 - DG 10/6T |
| Mounting Rails | MR 35 | MR 35 | MR 35 | MR 35 |

*Please refer to page:40

| | AVK 6 Width: 8 mm 304 140 | AVK 10 Width: 10 mm 304 150 | AVK 16 RD Width: 12 mm 304 240 | AVK 25 RD Width: 12 mm 304 290 |
|---|---|---|---|--|
| Electrical Ratings CE (EN 60947-7-1) VDE (IEC 60947-7-1) UL / CSA ATEX | 630 V ~ / 41 A / 6 mm ² 630 V ~ / 41 A / 6 mm ² 600 V ~ / 50 A / AWG 26 - 8 630 V ~ / 41 A | 630 V ~ / 57 A / 10 mm ² 630 V ~ / 57 A / 10 mm ² 600 V ~ / 65 A / AWG 16 - 6 630 V ~ / 57 A | 750 V ~ / 76 A / 16 mm ² 750 V ~ / 76 A / 16 mm ² 600 V ~ / 80 A / AWG 12-4 630 V ~ / 76 A | 750 V ~ / 101 A / 25 mm ² 600 V ~ / 100 A / AWG 12-2 |
| Cross Connection | UK 6 / 2-3-4-10 | UK 10 / 2-3-4-10 | UK 16 / 2-3-4-10 | UK 16 / 2-3-4-10 |
| End Plate | NPP 2,5 / APP 2,5-10 | NPP 2,5 / APP 2,5-10 | NPP / AVK 16 RD APP / AVK 16 RD | NPP / AVK 25 RD |
| Small Partition | AD 1 | AD 1 | | |
| End Bracket | KD 3 - KD 4 - KD 7 | KD 3 - KD 4 - KD 7 | KD 3 - KD 4 - KD 7 | KD 3 - KD 4 - KD 7 |
| Group Marking | GE - GE 2 - ME - ME 3 | GE - GE 2 - ME - ME 3 | GE - GE 3 - ME - ME 3 | GE - GE 3 - ME - ME 3 |
| Comb Connector | TKO 6 / 2-3-4-10 | TKO 10 / 2-3-4-10 | | |
| Marking Tags | DG 10/8 *ETS + 11.2 Marking Strip | DG 10/10 *ETS + 11.2 Marking Strip | DG 10/10 *ETS + 11.2 Marking Strip | DG 10/10 *ETS + 11.2 Marking Strip |
| Mounting Rails | MR 35 | MR 35 | MR 32 - 35 | MR 32 - 35 |

| | AVK 35 RDS Width: 16 mm 304 580 | AVK 35 IRDS Width: 16 mm 304 590 | AVK 50 Width: 20 mm 304 330 | AVK 70 RD Width: 22 mm 304 490 |
|---|---|---|---|--|
| Electrical Ratings CE (EN 60947-7-1) VDE (IEC 60947-7-1) UL / CSA ATEX | 1000 V ~ / 125 A / 35 mm ² 600 V ~ / 115 A / AWG 10-2 | 1000 V ~ / 125 A / 35 mm ² 600 V ~ / 115 A / AWG 10-2 | 1000 V ~ / 150 A / 50 mm ² 1000 V ~ / 150 A / AWG 6-1/0 | 1000 V ~ / 192 A / 70 mm ² 600 V ~ / 175 A / AWG 6-2/0 |
| Cross Connection | UK 35 RDS / 2-3-4-10 | UK 35 RDS / 2-3-4-10 | UK 50 / 2-3-4 | UK 70 / 2-3-4 |
| End Bracket | KD 3 - KD 4 - KD 7 | KD 3 - KD 4 - KD 7 | KD 6 - KD 7 | KD 6 - KD 7 |
| Group Marking | GE - GE 3 - ME - ME 3 | GE - GE 3 - ME - ME 3 | GE - ME 3 | GE - ME 3 |
| Marking Tags | DG 10/10 *ETS + 11.2 Marking Strip | DG 10/10 *ETS + 11.2 Marking Strip | KOIP SW 11.2 Marking Strip | KOIP SW 11.2 Marking Strip |
| Mounting Rails | MR 35 | MR 35 | MR 32 - 35 | MR 35 |

High Current Terminals

| | AVK 95 Width: 25 mm 304 340 | AVK 150 Width: 31 mm 304 350 | AVK 240 Width: 36 mm 304 360 | AVK EK6 Width: 6 mm 304 370 |
|--|--|---|---|--|
| Electrical Ratings CE (EN 60947-7-1) UL / CSA ATEX | 1000 V ~ / 232 A / 95 mm ² 600 V ~ / 230 A / AWG 2-4/0 1000 V ~ / 217 A | 1000 V ~ / 309 A / 150 mm ² 600 V ~ / 270 A / AWG 2-300 kcmil 1000 V ~ / 281 A | 1000 V ~ / 415 A / 240 mm ² 600 V ~ / 370 A / AWG 2/0-500 kcmil 1000 V ~ / 380 A | |
| Cross Connection | UK 95 / 2-3-4 | UK 150 / 2-3-4 | UK 240 / 2-3-4 | |
| End Bracket | KD 6 | KD 6 | KD 6 | |
| Group Marking | GE | GE | GE | |
| Marking Tags | KOIP SW 11.2 Marking Strip | KOIP SW 11.2 Marking Strip | KOIP SW 11.2 Marking Strip | |
| Mounting Rails | MR 32-35 | MR 32-35 | MR 32-35 | |

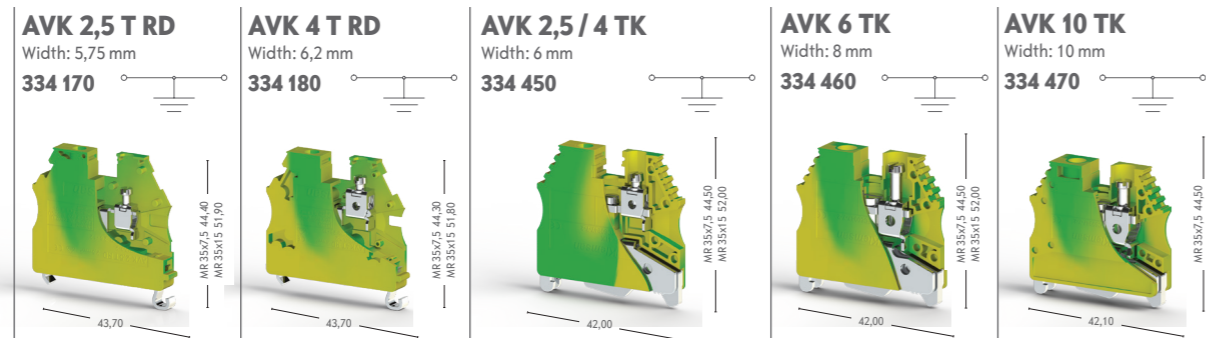
*EK6 terminals enables getting extensions from high-current terminals using thin cross-sectioned cables.

*Please refer to page:40



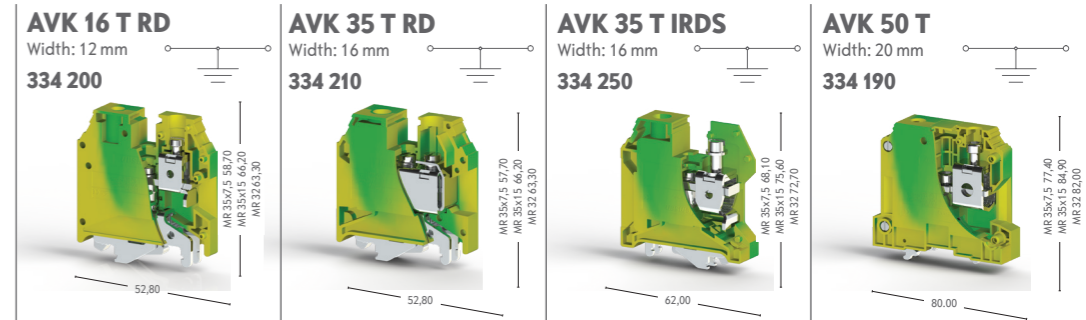
| Electrical Ratings | AVK 95 B Width: 40 mm 304 300 | AVK 150 B Width: 48 mm 304 310 | AVK 240 B Width: 53 mm 304 320 |
|-----------------------------|-------------------------------------|--------------------------------------|--------------------------------------|
| CE (EN 60947-7-1) | 1000 V ~ / 232 A / 95 mm² | 1000 V ~ / 309 A / 150 mm² | 1000 V ~ / 415 A / 240 mm² |
| Cross Connection | UK 95 / 2-3-4 | UK 150 / 2-3-4 | UK 240 / 2-3-4 |
| Isolation Cover | KKB 95 | KKB 150 | KKB 240 |
| End Bracket / Group Marking | KD 6 ME | KD 6 ME | KD 6 ME |
| Marking Tags | DG 10/10 | DG 10/10 | DG 10/10 |
| Mounting Rails | MR 32-35 | MR 32-35 | MR 32-35 |

Screw Type Earth Terminals



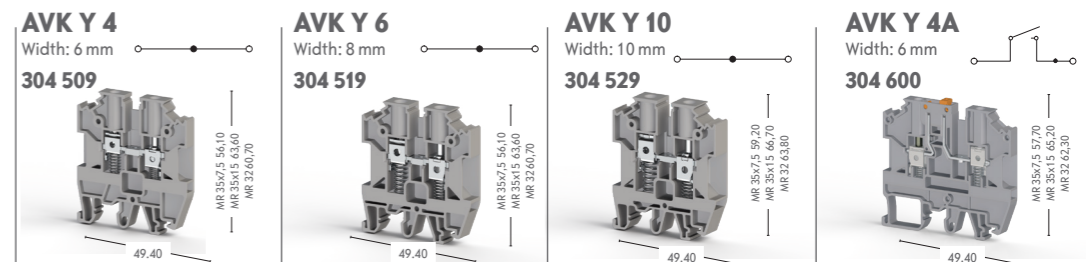
| Electrical Ratings | AVK 2,5 T RD Width: 5,75 mm 334 170 | AVK 4 T RD Width: 6,2 mm 334 180 | AVK 2,5 / 4 TK Width: 6 mm 334 450 | AVK 6 TK Width: 8 mm 334 460 | AVK 10 TK Width: 10 mm 334 470 |
|---------------------|---|---|---|--|---|
| CE (EN 60947-7-1) | - V / ~ A / 2,5 mm² | - V / ~ A / 4 mm² | - V / ~ A / 4 mm² | - V / ~ A / 6 mm² | - V / ~ A / 10 mm² |
| VDE (IEC 60947-7-2) | - V / ~ A / 2,5 mm² | - V / ~ A / 4 mm² | | | |
| UL / CSA | - V / ~ A / AWG 26-12 | - V / ~ A / AWG 26-10 | 300 V / ~ A / AWG 26-10 | 300 V / ~ A / AWG 26-8 | 300 V / ~ A / AWG 16-6 |
| ATEX | 630 V | 630 V | | | |
| Group Marking | GE - GE 2 - ME | GE - GE 2 - ME | GE - GE 2 - ME | GE - GE 3 | GE - GE 3 |
| Marking Tags | DG 10/5 - DG 10/5T - DB 10/5 *ETS + 11.2 Marking Strip | DG 10/6 - DG 10/6T - DB 10/6 *ETS + 11.2 Marking Strip | DG 10/6 - DG 10/6T - DB 10/5 *ETS + 11.2 Marking Strip | DG 10/8 - DB 10/5 *ETS + 11.2 Marking Strip | DG 10/10 - DB 10/5 *ETS + 11.2 Marking Strip |
| Mounting Rails | MR 35 | MR 35 | MR 35 | MR 35 | MR 35 |

*Please refer to page:40



| Electrical Ratings | AVK 16 T RD Width: 12 mm 334 200 | AVK 35 T RD Width: 16 mm 334 210 | AVK 35 T IRDS Width: 16 mm 334 250 | AVK 50 T Width: 20 mm 334 190 |
|-------------------------------------|--|--|--|-------------------------------------|
| TSE / CE (EN 60947-7-1) | - V / ~ A / 16 mm² | ~ V ~ / A / 35 mm² | ~ V ~ / A / 35 mm² | ~ V ~ / A / 50 mm² |
| VDE (IEC 60947-7-1 / IEC 60947-7-2) | - V / ~ A / 16 mm² | ~ V ~ / A / 35 mm² | | |
| UL / CSA | - V / ~ A / AWG 12-4 | ~ V ~ / A / AWG 12-2 | ~ V ~ / A / AWG 10-2 | ~ V ~ / A / AWG 16-1/0 |
| ATEX | 630 V | 630 V | | 800 V |
| Group Marking | GE - GE 3 | GE - GE 2 | GE - GE 2 | GE |
| Marking Tags | DG 10/10 | DG 10/10 | DG 10/10 | KOIP SW 11.2 Marking Strip |
| Mounting Rails | MR 32-35 | MR 32-35 | MR 32-35 | MR 32-35 |

Spring Loaded Terminals



| Electrical Ratings | AVK Y 4 Width: 6 mm 304 509 | AVK Y 6 Width: 8 mm 304 519 | AVK Y 10 Width: 10 mm 304 529 | AVK Y 4A Width: 6 mm 304 600 |
|----------------------------------|--|-----------------------------------|-------------------------------------|------------------------------------|
| CE (EN 60947-7-1 / EN 60947-7-2) | 800 V / 32 A / 4 mm² | 800 V / 41 A / 6 mm² | 800 V ~ / 57 A / 10 mm² | 500 V ~ / 32 A / 4 mm² |
| Cross Connection | UK 4 / 2 - 3 - 4 - 10 - 20 - 50 | UK 6 / 2-3-4-10 | UK 10 / 2-3-4-10 | UK 4 / 2-3-4-10-20-50 |
| End Plate | NPP AVK Y 4 / Y 6 | NPP AVK Y 4 / Y 6 | NPP AVK Y 10 | NPP / AVK Y 4A |
| End Bracket | KD 3 - KD 4 - KD 7 | KD 3 - KD 4 - KD 7 | KD 3 - KD 4 - KD 7 | KD 3 - KD 4 - KD 7 |
| Group Marking | GE - GE 2 - ME - ME 3 | GE - GE 2 - ME - ME 3 | GE - GE 2 - ME - ME 3 | |
| Marking Tags | DB 10/6 - DG 10/6T 11.2 Marking Strip | DG 10/8 11.2 Marking Strip | DG 10/10 11.2 Marking Strip | DG 10/6, DG 10/6T, DB 10/6 |
| Mounting Rails | MR 32 - 35 | MR 32 - 35 | MR 32 - 35 | MR 32 - 35 |

| | PB 2,5 / NM Width: 9 mm 308 029 | PB 2,5K / NM Width: 9 mm 308 039 | PB 2,5T / NM Width: 10 mm 337 010 | PB 6 / NM Width: 11 mm 308 009 |
|--|---|--|---|--|
| Electrical Ratings CE(EN 60947-7-1 / EN 60947-7-2) | 800 V / 24 A / 2,5 mm ² | 800 V / 24 A / 2,5 mm ² | - V ~ / - A / AWG 26-14 | 800 V / 41 A / 6 mm ² |
| UL / CSA | 600 V ~ / 20-15 A / AWG 26-14 | 600 V ~ / 20-15 A / AWG 26-14 | - V ~ / - A / AWG 26-14 | 600 V ~ / 45 A / AWG 22-8 |
| Comb Connector | TKO-PB 2.5 / 2 - 3 - 4 - 7 - 10 | TKO-PB 2.5 / 2 - 3 - 4 - 7 - 10 | | TKO-PB 6 / 2 - 3 - 4 - 7 |
| End Plate | NPP PB 2.5/NM APP / PB 2.5 NM - 6 NM | NPP PB 2.5/NM APP / PB 2.5 NM - 6 NM | | NPP PB 6 NM APP / PB 2.5 NM - 6 NM |
| End Bracket | KD 3 - KD 4 - KD 7 | KD 3 - KD 4 - KD 7 | KD 3 - KD 4 - KD 7 | KD 3 - KD 4 - KD 7 |
| Marking Tags | DG 10/6 - DG 10/6T | DG 10/6 - DG 10/6T | DG 10/6 - DG 10/6T | DG 10/8 |
| Mounting Rails | MR 32 - 35 | MR 32 - 35 | MR 32 - 35 | MR 32 - 35 |
| Test Plug | | TF (Q 2,3) | | |

| | PB 6K / NM Width: 11 mm 308 019 | PB 6T / NM Width: 11 mm 337 000 | PB 25 / NM (M5) Width: 18 mm 308 049 | PB 25 / NM (M6) Width: 18 mm 300 059 |
|--|---|---|--|--|
| Electrical Ratings CE(EN 60947-7-1 / EN 60947-7-2) | 800 V / 41 A / 6 mm ² | ~ V ~ / - A / 6 mm ² | 800 V / 101 A / 25 mm ² | 800 V / 101 A / 25 mm ² |
| UL / CSA | 600 V ~ / 45 A / AWG 22-8 | - V ~ / - A / AWG 22-8 | 600 V ~ / 115-85 A / AWG 26-4 | 600 V ~ / 115-85 A / AWG 26-4 |
| Comb Connector | TKO-PB 6 / 2 - 3 - 4 - 7 - 10 | | TKO-PB 25 / 2 | TKO-PB 25 / 2 |
| End Plate | NPP / PB 6/NM APP / PB 2.5 - 6/NM | | NPP PB 25/NM APP PB 25/NM | NPP PB 25/NM APP PB 25/NM |
| End Bracket | KD 3 - KD 4 - KD 7 | KD 4 - KD 6 - KD 7 | KD 3 - KD 4 - KD 7 | KD 3 - KD 4 - KD 7 |
| Marking Tags | DG 10/8 | DG 10/8 | DG 10/10 | DG 10/10 |
| Mounting Rails | MR 32 - 35 | MR 32 - 35 | MR 32 - 35 | MR 32 - 35 |
| Test Plug | | TF (Q 4) | | |

| | CPB 6 Width: 9,5 mm 326 809 | CPB 6 B Width: 13 mm 326 819 | Insulated Terminals Compatible with PB and CPB Series Terminals Blocks |
|--|---|--|--|
| Electrical Ratings CE(EN 60947-7-1 / EN 60947-7-2) | 800 V / 41 A / 6 mm ² | 800 V / 57 A / 10 mm ² | PB Series |
| Cross Connection | UK 9,5/2 - 3 - 4 - 7 - 10 | UK 13/2 - 3 - 4 - 7 - 10 | 590 012 KYK-401 0,5 - 1,5 mm ² 590 013 KYK-501 0,5 - 1,5 mm ² 590 021 KYK-402 1,5 - 2,5 mm ² 590 022 KYK-502 1,5 - 2,5 mm ² 590 030 KYK-406 4 - 6 mm ² 590 031 KYK-506 4 - 6 mm ² |
| End Plate | NPP CPB 6 | NPP CPB 6B | CPB 6 Series |
| End Bracket | KD 4 - KD 6 - KD 7 | KD 4 - KD 6 - KD 7 | 591 013 KCK-501 0,5 - 1,5 mm ² 591 022 KCK-402 1,5 - 2,5 mm ² 591 023 KCK-502 1,5 - 2,5 mm ² 591 030 KCK-406 4 - 6 mm ² 591 031 KCK-506 4 - 6 mm ² |
| Group Marking | GE - GE 2 - ME | GE - GE 2 - ME | CPB 6B Series |
| Marking Tags | DB 5 - DG 6/5 | DB 5 - DG 6/5 | 591 013 KCK-501 0,5 - 1,5 mm ² 591 022 KCK-402 1,5 - 2,5 mm ² 591 023 KCK-502 1,5 - 2,5 mm ² 591 030 KCK-406 4 - 6 mm ² 591 031 KCK-506 4 - 6 mm ² |
| Mounting Rails | MR 32 - 35 | MR 32 - 35 | * You can find the ordering data of the terminals which are suitable for PB, CPB 6 and CPB 6B series as above. |

| | AVK 2,5 CC Width: 5 mm 324 909 | AVK 2,5 CCT Width: 5 mm 334 220 | AVK 4 CE Width: 6 mm 325 229 | AVK 4 CC Width: 6 mm 325 209 | AVK 4 CCT Width: 6 mm 334 260 |
|---|--|---|--|---|---|
| Electrical Ratings TSE / CE (EN 60947-7-1) VDE (IEC 60947-7-1 / IEC 60947-7-2) UL / CSA ATEX | 750 V ~ / 24 A / 2,5 mm ² 600 V ~ / 20 A / AWG 26-12 630 V ~ / 24 A | ~ V ~ / A / 2,5 mm ² ~ V ~ / A / AWG 26-12 630 V | 500 V / 32 A / 4 mm ² | 500 V / 32 A / 4 mm ² | ~ V ~ / A / 4 mm ² |
| Cross Connection | UK 2,5/2 - 3 - 4 - 10 - 16 - 20 | | UK 4/2 - 3 - 4 - 10 | UK 4/2 - 3 - 4 - 10 | |
| End Plate | NPP / AVK 2,5 CC | NPP / AVK 2,5 CCT | NPP / AVK 4 CE | NPP / AVK 4 CC | NPP / AVK 4 CCT |
| End Bracket | KD 3 - KD 4 - KD 7 | KD 3 - KD 4 - KD 7 | KD 3 - KD 4 - KD 7 | KD 3 - KD 4 - KD 7 | KD 3 - KD 4 - KD 7 |
| Group Marking | GE - ME - ME 2 - ME 3 | GE - ME - ME 3 | GE - ME - ME 3 | GE - ME - ME 3 | GE - ME - ME 3 |
| Marking Tags | DB 10/5 - DG 10/5 - DG 10/5T *ETS + 11.2 Marking Strip | DB 10/5 - DG 10/5 - DG 10/5T *ETS + 11.2 Marking Strip | DB 10/6 - DG 10/6 - DG 10/6T 11.2 Marking Strip | DB 10/6 - DG 10/6 - DG 10/6T *ETS + 11.2 Marking Strip | DB 10/6 - DG 10/6 - DG 10/6T *ETS + 11.2 Marking Strip |
| Mounting Rails | MR 35 | MR 35 | MR 35 | MR 35 | MR 35 |

*Please refer to page:40

Screw Type Terminals with Double Cross Connection

| | AVK 2,5 R Width: 5 mm 304 409 | AVK 2,5 RT Width: 5 mm 334 280 | AVK 4 R Width: 6 mm 304 390 | AVK 4 RT Width: 6 mm 334 270 | |
|---------------------------|--|--|--|--|-------------------------------|
| Electrical Ratings | TSE / CE (EN 60947-7-1) VDE (IEC 60947-7-1 / IEC 60947-7-2) UL / CSA ATEX | 800 V / 24 A / 2,5 mm ² | ~ V ~ / A / 2,5 mm ² | 800 V / 32 A / 4 mm ² | ~ V ~ / A / 4 mm ² |
| Cross Connection | UK 2.5/2 - 3 - 4 - 10 | | UK 4/2 - 3 - 4 - 10 | | |
| End Plate | NPP / AVK 2,5 R | NPP / AVK 2,5 RT | NPP / AVK 4 R | NPP / AVK 4 RT | |
| End Bracket | KD 3 - KD 4 - KD 7 | KD 3 - KD 4 - KD 7 | KD 3 - KD 4 - KD 7 | KD 3 - KD 4 - KD 7 | |
| Group Marking | GE - ME - ME 3 | GE - ME - ME 3 | GE - ME - ME 3 | GE - ME - ME 3 | |
| Marking Tags | DB 10/5 - DG 10/5 - DG 10/5T 11.2 Marking Strip | DB 10/5 - DG 10/5 - DG 10/5T 11.2 Marking Strip | DB 10/6 - DG 10/6 - DG 10/6T 11.2 Marking Strip | DB 10/6 - DG 10/6 - DG 10/6T 11.2 Marking Strip | |
| Mounting Rails | MR 35 | MR 35 | MR 35 | MR 35 | |

Screw Type Disconnect Terminals

| | AVK 2,5 EA Width: 5 mm 324 949 | AVK 2,5 CCA Width: 5 mm 324 939 | AVK 4 A Width: 6 mm 304 380 | |
|---------------------------|--|---|---|------------------------------------|
| Electrical Ratings | CE (EN 60947-7-1) VDE (IEC 60947-7-1) UL / CSA ATEX | 400 V ~ / 16 A / 2,5 mm ² | 400 V ~ / 16 A / 2,5 mm ² | 500 V ~ / 20 A / 4 mm ² |
| End Plate | NPP / AVK 2,5 CC | NPP / AVK 2,5 CC | NPP / AVK 4 R-A | |
| End Bracket | KD 3 - KD 4 - KD 7 | KD 3 - KD 4 - KD 7 | KD 3 - KD 4 - KD 7 | |
| Cross Connection | | | UK 4/2 - 3 - 4 - 10 | |
| Group Marking | GE - ME - ME 2 - ME 3 | GE - ME - ME 2 - ME 3 | GE - ME - ME 2 - ME 3 | |
| Marking Tags | DB 10/5 - DG 10/5 - DG 10/5T *ETS + 11.2 Marking Strip | DB 10/5 - DG 10/5 - DG 10/5T *ETS + 11.2 Marking Strip | DB 10/6 - DG 10/6T | |
| Mounting Rails | MR 35 | MR 35 | MR 35 | |

Screw Type Disconnect Terminals

| | AVK 4 CEA Width: 6 mm 325 239 | AVK 4 CCA Width: 6 mm 325 219 | WGL 1 Width: 8 mm 375 790 |
|---------------------------|---|---|--|
| Electrical Ratings | CE (EN 60947-7-1) | 500 V ~ / 20 A / 4 mm ² | 500 V ~ / 20 A / 4 mm ² |
| End Plate | NPP / AVK 4 CEA | NPP / AVK 4 CCA | NPP / WGO 1 |
| Cross Connection | UK 4/2 - 3 - 4 - 10 | UK 4/2 - 3 - 4 - 10 | IZUK 6/2 - 3 - 4 - 6 - 10 WGO UAA (Disconnecting Tool) |
| Marking Tags | DB 10/6 - DG 10/6 - DG 10/6T *ETS + 11.2 Marking Strip | DB 10/6 - DG 10/6 - DG 10/6T *ETS + 11.2 Marking Strip | TKO 6/2 - 3 - 4 - 10 |
| Mounting Rails | MR 35 | MR 35 | DG 10/8 *ETS + 11.2 Marking Strip |
| | MR 35 | MR 35 | MR 32 - 35 |

WGO series Test and Disconnect Terminals

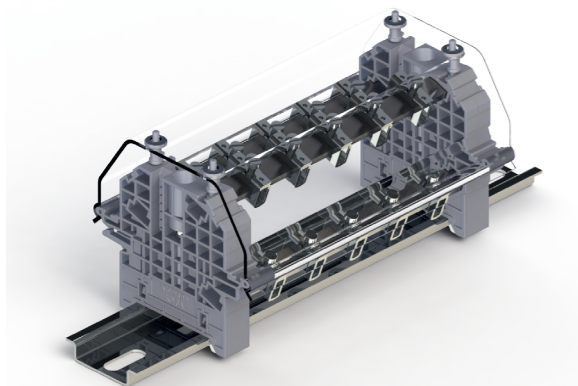
| | WGO 3 Width: 8 mm 9 | WGO 2 N Width: 10 mm 375 8.. | WGO 2 IR Width: 10 mm 375 909 | WGO 4 Width: 8 mm 376 0... | WGO 1 Width: 8 mm 9 | |
|---------------------------|--|--|--|--|--|--|
| Electrical Ratings | CE (EN 60947-7-1) UL / CSA ATEX | 400 V ~ / 41 A / 6 mm ² 300 V ~ / 43 A / AWG 20 - 8 250 V ~ / 41 A | 400 V ~ / 57 A / 10 mm ² | 500 V ~ / 57 A / 10 mm ² | 1000 V ~ / 41 A / 6 mm ² 400 V ~ / 41 A / 6 mm ² 300 V ~ / 50 A / AWG 20 - 8 250 V ~ / 41 A | |
| Ordering data | Without Sockets - Beige / Grey One Socket - Beige / Grey Double Socket - Beige / Grey One Test Socket - Beige / Grey Double Test Socket - Beige / Grey | 375 600 - 375 690 375 601 - 375 691 375 604 - 375 694 375 603 - 375 693 375 602 - 375 692 | 375 800 - 375 890 375 801 - 375 891 375 804 - 375 894 375 803 - 375 893 375 802 - 375 892 | 375 900 - 375 909 | 376 090 (Grey) 376 000 (Beige) | 370 500 - 370 590 370 501 - 370 591 370 502 - 370 592 370 503 - 370 593 |
| End Plate | NPP / WGO 3 | NPP / WGO 2 N | NPP / WGO 2 IR | | NPP / WGO 1 | |
| Cross Connection | IZUK 6/2 - 3 - 4 - 6 - 10 WGO UAA (Disconnecting Tool) | IZUK 10/2 - 3 - 4 - 6 - 10 | IZUK 10 W/2 - 3 - 4 - 6 - 10 | IZUK 6/2 - 3 - 4 - 6 - 10 UK 6/2 - 3 - 4 - 10 | IZUK 6/2 - 3 - 4 - 6 - 10 WGO UAA (Disconnecting Tool) | |
| Comb Connector | TKO 6/2 - 3 - 4 - 10 | TKO 10/2 - 3 - 4 - 10 | TKO 10/2 - 3 - 4 - 10 | | TKO 6/2 - 3 - 4 - 10 | |
| Test Plug | TF (Q4) | TF (Q4) | TF (Q4) | TF (Q4) | TF (Q4) | |
| Marking Tags | DG 10/8 *ETS + 11.2 Marking Strip | DG 10/10 | DG 10/10 11.2 Marking Strip | DG 10/8 11.2 Marking Strip | DG 10/8 *ETS + 11.2 Marking Strip | |
| Mounting Rails | MR 32 - 35 | MR 32 - 35 | MR 32 - 35 | MR 35 | MR 32 - 35 | |

Spring Loaded
Test / Disconnect
Terminals
Ring Type Plug-in
Test / Disconnect
Terminals

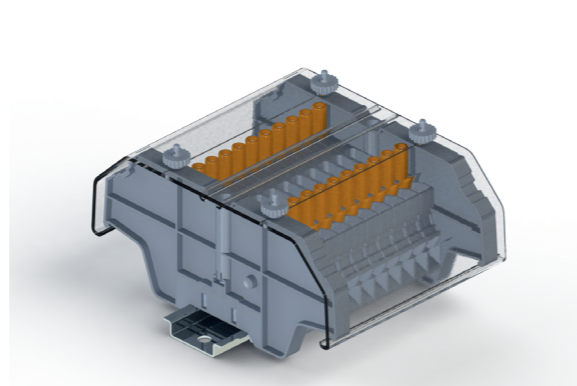
| | WGO Y 6 Width: 8 mm 375 919 | WGO YD 6 Width: 8 mm 375 929 | WGO PB 6/NM Width: 11 mm 308 069 | WGO PBD 6/NM Width: 11 mm 308 079 |
|---------------------------|---|--|--|--|
| Electrical Ratings | 1000 V ~ / 41 A / 6 mm² CE (EN 60947-7-1 / EN 60947-7-2) UL / CSA | 1000 V ~ / 41 A / 6 mm² | 1000 V ~ / 41 A / 6 mm² 600 V ~ / 43 A / AWG 22 - 8 | 1000 V ~ / 41 A / 6 mm² 600 V ~ / 45 A / AWG 22 - 8 |
| End Plate | NPP / WGO Y6 | NPP / WGO YD6 | NPP / WGO PB 6 APP / WGO PB 6 | NPP / WGO PBD 6 APP / WGO PBD 6 |
| End Bracket | KD 4 - KD 7 | KD 4 - KD 7 | KD 4 - KD 7 | KD 4 - KD 7 |
| Comb Connector | | | TKO / PB 6 / 2 - 3 - 4 - 7 - 10 | TKO / PB 6 / 2 - 3 - 4 - 7 - 10 |
| Cross Connection | IZUK 6 / 2 - 3 - 4 - 10 WGO UAA | IZUK 6 / 2 - 3 - 4 - 10 WGO UAA | | |
| Group Marking | GE - GE 2 - ME - ME 3 | GE - GE 2 - ME - ME 3 | GE - GE 2 - ME - ME 3 | GE - GE 2 - ME - ME 3 |
| Marking Tags | DG 10/8 11,2 Marking Strip | DG 10/8 11,2 Marking Strip | DG 10/8 | DG 10/8 |
| Mounting Rails | MR 32 - 35 | MR 32 - 35 | MR 32 - 35 | MR 32 - 35 |
| Test Plug | TF (Q4) | TF (Q4) | | |

Cover for KD 6A

Cover for CB 144



| Type | Color | Cat. No. | Qty. |
|-------|-------------------|----------|------|
| KD 6A | Grey | 495 109 | 50 |
| KD 6A | Beige | 495 100 | 50 |
| Cover | Transparent Cover | 498 190 | 1m |



| Type | Color | Cat. No. | Qty. |
|--------|-------------------|----------|------|
| CB 144 | Grey | 499 459 | 10 |
| CB 144 | Beige | 499 450 | 10 |
| Cover | Transparent Cover | 498 270 | 1m |

Sealing Pin for KD 6A



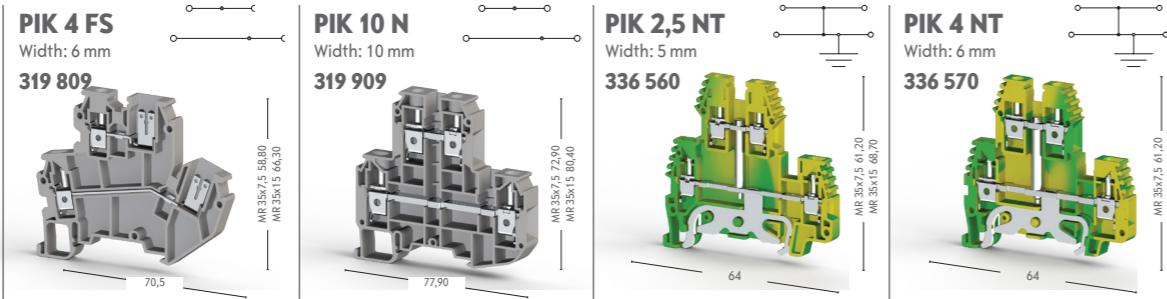
| Type | Color | Cat. No. | Qty. |
|-------|--------------------|----------|------|
| KD 6A | Grey | 495 109 | 50 |
| KD 6A | Beige | 495 100 | 50 |
| KD 6A | Orange Sealing Pin | 498 187 | 100 |

Screw Type
Double - Deck
Terminals

| | PIK 2,5 N Width: 5 mm 317 109 | PIK 2,5 NK Width: 5 mm 317 129 | PIK 2,5 ND Width: 5 mm 317 219 | PIK 2,5 NLD Width: 5 mm9 317 329 | PIK 2,5 RD Width: 5 mm 325 249 |
|---------------------------|--|--|--|--|--|
| Electrical Ratings | 500 V ~ / 24 A / 2,5 mm² 300 V ~ / 20 A / AWG 26 - 12 400 V ~ / 21,5 A | 500 V ~ / 24 A / 2,5 mm² 300 V ~ / 20 A / AWG 26 - 12 400 V ~ / 21,5 A | 500 V ~ / 0,5 A / 2,5 mm² 300 V ~ / 20 A / AWG 26 - 12 | ~ V ~ / 24 A / 2,5 mm² ~ V ~ / 20 A / AWG 26 - 12 ~ V ~ / 21,5 A | 500 V / 24 A / 2,5 mm² |
| Ordering Data | Grey Grey Grey Grey | | | 317 329 (24V DC) / 317 319 (24V AC) 317 429 (48V DC) / 317 419 (48V AC) 317 629 (110V DC) / 317 619 (110V AC) 317 729 (220V DC) / 317 719 (220V AC) | |
| Electrical Ratings | | | 1300 V 0,5 A 1 N 4007 | | |
| End Plate | NPP / PIK 2,5 - 4 N | NPP / PIK 2,5 - 4 N | NPP / PIK 2,5 - 4 N | NPP / PIK 2,5 - 4 N | NPP / PIK 2,5 N - 4N |
| Cross Connection | UK 2,5/2 - 3 - 4 - 10 - 16 - 20 | UK 2,5/2 - 3 - 4 - 10 - 16 - 20 Note: Only lower decks can be cross-connected | UK 2,5/2 - 3 - 4 - 10 - 16 - 20 Note: Only lower decks can be cross-connected | UK 2,5/2 - 3 - 4 - 10 - 16 - 20 Note: Only lower decks can be cross-connected | UK 2,5/2 - 3 - 4 - 10 |
| Marking Tags | DB 10/5 - DG 10/5 - DG 10/5T *ETS + 11.2 Marking Strip | DB 10/5 - DG 10/5 - DG 10/5T *ETS + 11.2 Marking Strip | DB 10/5 - DG 10/5 - DG 10/5T *ETS + 11.2 Marking Strip | DB 10/5 - DG 10/5 - DG 10/5T *ETS + 11.2 Marking Strip | DG 10/5 - DG 10/5T - DB 10/5 |
| Mounting Rails | MR 35 | MR 35 | MR 35 | MR 35 | MR 35 |
| Electrical Ratings | 500 V ~ / 32 A / 4 mm² 300 V ~ / 30 A / AWG 26 - 10 400 V ~ / 29,5 A | 500 V ~ / 32 A / 4 mm² 300 V ~ / 30 A / AWG 26 - 10 400 V ~ / 29,5 A | 500 V ~ / 0,5 A / 4 mm² 300 V ~ / 30 A / AWG 26 - 10 400 V ~ / 29,5 A | ~ V ~ / 24 A / 4 mm² ~ V ~ / 30 A / AWG 26 - 10 ~ V ~ / 29,5 A | 500 V / 32 A / 4 mm² |
| Ordering Data | Grey Grey Grey Grey | | | 319 329 (24V DC) / 319 319 (24V AC) 319 429 (48V DC) / 319 419 (48V AC) 319 629 (110V DC) / 319 619 (110V AC) 319 729 (220V DC) / 319 719 (220V AC) | |
| Electrical Ratings | | | 1300 V 0,5 A 1 N 4007 | | |
| End Plate | NPP / PIK 2,5 - 4 N | NPP / PIK 2,5 - 4 N | NPP / PIK 2,5 - 4 N | NPP / PIK 2,5 - 4 N | NPP / PIK 4N |
| Cross Connection | UK 4/2 - 3 - 4 - 10 - 20 - 50 | UK 4/2 - 3 - 4 - 10 - 20 - 50 Note: Only lower decks can be cross-connected | UK 4/2 - 3 - 4 - 10 - 20 - 50 Note: Only lower decks can be cross-connected | UK 4/2 - 3 - 4 - 10 - 20 - 50 Note: Only lower decks can be cross-connected | UK 4/2 - 3 - 4 - 10 |
| Marking Tags | DB 10/6 - DG 10/6 - DG 10/6T *ETS + 11.2 Marking Strip | DB 10/6 - DG 10/6 - DG 10/6T *ETS + 11.2 Marking Strip | DB 10/6 - DG 10/6 - DG 10/6T *ETS + 11.2 Marking Strip | DB 10/6 - DG 10/6 - DG 10/6T *ETS + 11.2 Marking Strip | DB 10/6 - DG 10/6 - DG 10/6T |
| Mounting Rails | MR 35 | MR 35 | MR 35 | MR 35 | MR 35 |

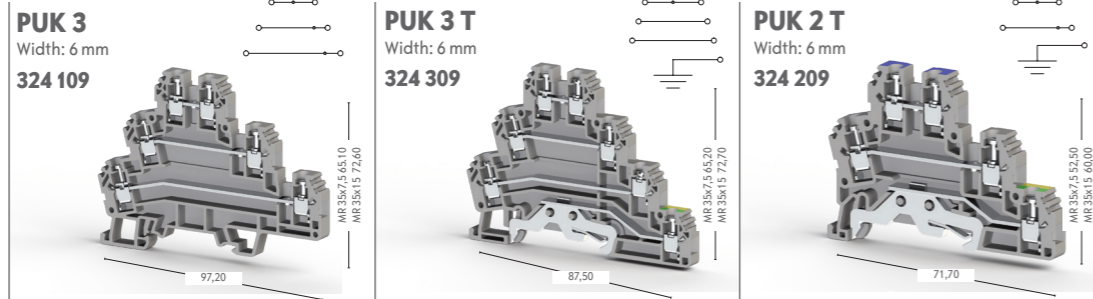
*Please refer to page:40

Screw Type Double - Deck Terminals



| Electrical Ratings | PIK 4 FS Width: 6 mm 319 809 | PIK 10 N Width: 10 mm 319 909 | PIK 2,5 NT Width: 5 mm 336 560 | PIK 4 NT Width: 6 mm 336 570 |
|-------------------------------|--|-------------------------------------|--|--|
| CE (EN 60947-7-1 / 60947-7-2) | 400 V ~ / 20 A / 4 mm ² | 800 V ~ / 57 A / 10 mm ² | ~ V ~ / ~ A / 2,5 mm ² | ~ V ~ / ~ A / 4 mm ² |
| UL / CSA | 400 V ~ / 20 A | | | |
| ATEX | 400 V ~ / 20 A | | | |
| End Plate | NPP PIK 4 FS | NPP PIK 10 N | NPP PIK 2,5 - 4N | NPP PIK 2,5 - 4N |
| End Bracket | KD 3 - KD 4 - KD 7 | | KD 6 - KD 7 | KD 6 - KD 7 |
| Cross Connection | UK 4/2 - 3 - 4 - 10 | UK 10/2 - 3 - 4 - 10 | | |
| Insulated Terminals | KFD 1288 - 1488 - 1638 - 2488 - 2638 KFD 5638 | | | |
| Marking Tags | DB 5 - DG 6/5 | DB 5 - DG 6/5 | DG 6/5 - DB 10/5 - DG 10/5 - DG 10/5T *ETS + 11.2 Marking Strip | DG 6/5 - DB 10/6 - DG 10/6 - DG 10/6T *ETS + 11.2 Marking Strip |
| Mounting Rails | MR 35 | MR 35 | MR 35 | MR 35 |

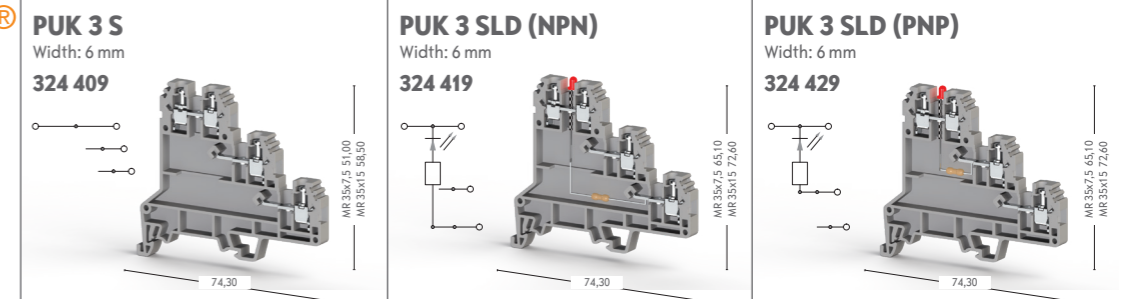
Screw Type Multilevel Terminals



| Electrical Ratings | PUK 3 Width: 6 mm 324 109 | PUK 3 T Width: 6 mm 324 309 | PUK 2 T Width: 6 mm 324 209 |
|-------------------------------|--------------------------------------|---|--------------------------------------|
| CE (EN 60947-7-1 / 60947-7-2) | 440 V ~ / 24 A / 2,5 mm ² | 440 V ~ / 24 A / 2,5 mm ² | 440 V ~ / 24 A / 2,5 mm ² |
| UL / CSA | 300 V ~ / 24 A / AWG 24 - 12 | 300 V ~ / 24 A / AWG 24 - 12 | 300 V ~ / 24 A / AWG 24 - 12 |
| ATEX | 400 V ~ / 24 A | 400 V ~ / 24 A | 400 V ~ / 24 A |
| End Plate | NPP / PUK 3 | NPP / PUK 3 T | NPP / PUK 2 T |
| Cross Connection | UK 2,5/2 - 3 - 4 - 10 - 16 - 20 | UK 2,5/2 - 3 - 4 - 10 - 16 - 20 Only upper decks can be cross-connected. | UK 2,5/2 - 3 - 4 - 10 - 16 - 20 |
| Marking Tags | DB 5 - DG 6/5 | DB 5 - DG 6/5 | DB 5 - DG 6/5 |
| Mounting Rails | MR 35 | MR 35 | MR 35 |

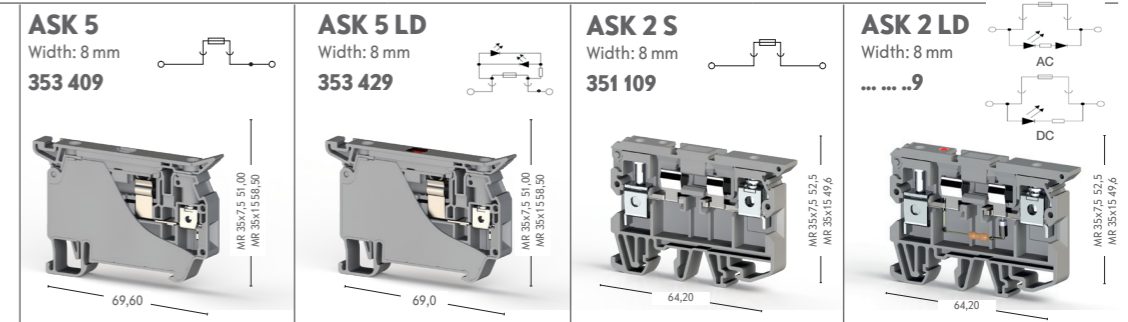
*Please refer to page:40

Screw Type Sensor Terminals

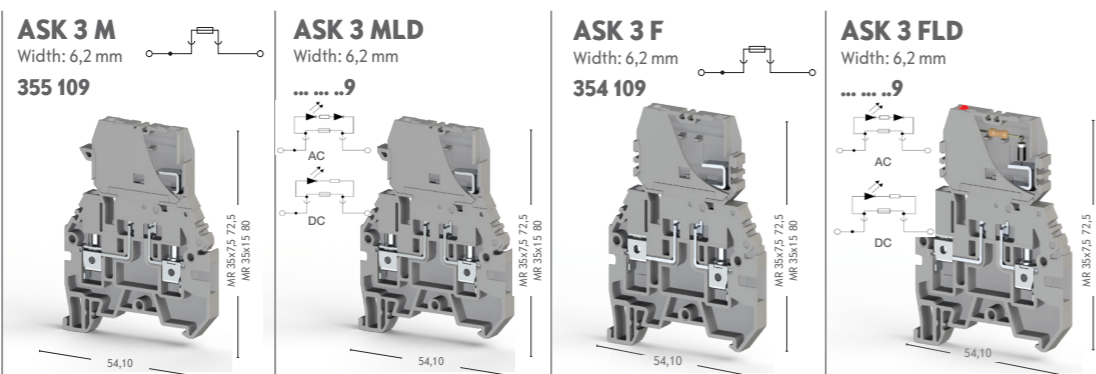


| Electrical Ratings | PUK 3 S Width: 6 mm 324 409 | PUK 3 SLD (NPN) Width: 6 mm 324 419 | PUK 3 SLD (PNP) Width: 6 mm 324 429 |
|--------------------|--------------------------------------|---|---|
| CE (EN 60947-7-1) | 500 V ~ / 24 A / 2,5 mm ² | 24 V ~ / 24 A / 2,5 mm ² | 24 V ~ / 24 A / 2,5 mm ² |
| UL / CSA | 300 V ~ / 24 A / AWG 24 - 12 | 300 V ~ / 24 A / AWG 24 - 12 | 300 V ~ / 24 A / AWG 24 - 12 |
| End Plate | NPP / PUK 3 S | NPP / PUK 3 S | NPP / PUK 3 S |
| Cross Connection | UK 2,5/2 - 3 - 4 - 10 - 16 - 20 | UK 2,5/2 - 3 - 4 - 10 - 16 - 20 | UK 2,5/2 - 3 - 4 - 10 - 16 - 20 |
| Marking Tags | DB 5 - DG 6/5 | DB 5 - DG 6/5 | DB 5 - DG 6/5 |
| Mounting Rails | MR 35 | MR 35 | MR 35 |

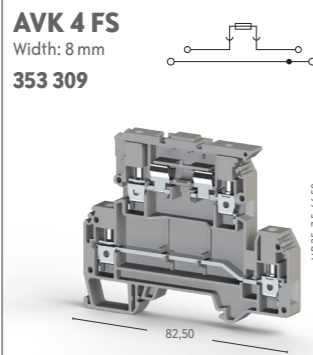
Screw Type Fuse Terminals



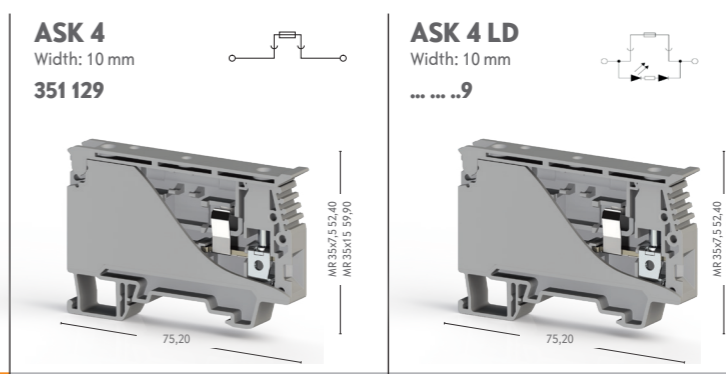
| Electrical Ratings | ASK 5 Width: 8 mm 353 409 | ASK 5 LD Width: 8 mm 353 429 | ASK 2 S Width: 8 mm 351 109 | ASK 2 LD Width: 8 mm 9 |
|--------------------|--|---|-------------------------------------|--|
| CE (EN 60947-7-1) | 500 V ~ / 10 A / 4 mm ² | 24 V / 10 A / 4 mm ² | 500 V ~ / 6,3 A / 6 mm ² | 24 V ~ / 6,3 A / 6 mm ² |
| UL / CSA | 300 V ~ / 10 A / AWG 26 - 10 | 24 V ~ / 10 A / AWG 26 - 10 | 300 V ~ / 6,3 A / AWG 26 - 8 | 24 V ~ / 6,3 A / AWG 26 - 8 |
| Ordering Data | Grey Grey Grey Grey Grey Grey Grey Grey | 353 429 (24V AC/DC) 353 449 (110V AC/DC) 353 439 (220V AC/DC) | | 351 219 (24V AC) 351 229 (24V DC) 351 319 (48V AC) 351 329 (48V DC) 351 519 (110V AC) 351 529 (110V DC) 351 619 (220V AC) 351 629 (220V DC) |
| End Plate | | | NPP / AVK ASK 2 | NPP / AVK ASK 2 |
| End Bracket | KD 3 - KD 4 - KD 7 | KD 3 - KD 4 - KD 7 | KD 3 - KD 4 - KD 7 | KD 3 - KD 4 - KD 7 |
| Cross Connection | UK 6/2 - 3 - 4 - 10 | UK 6/2 - 3 - 4 - 10 | | |
| Group Marking | GE - ME - ME 2 - ME 3 | GE - ME - ME 2 - ME 3 | GE - ME - ME 2 - ME 3 | GE - ME - ME 2 - ME 3 |
| Marking Tags | DG 10/8 | DG 10/8 | DG 6/5 - DB 5 | DG 6/5 - DB 5 |
| Mounting Rails | MR 35 | MR 35 | MR 32 - 35 | MR 32 - 35 |



| Electrical Ratings | ASK 3 M Width: 6,2 mm 355 109 | ASK 3 MLD Width: 6,2 mm9 | ASK 3 F Width: 6,2 mm 354 109 | ASK 3 FLD Width: 6,2 mm9 |
|-------------------------------|--|--|--|--|
| CE (EN 60947-7-1 / 60947-7-3) | 500 V ~ / 10 A / 4 mm ² | 24 V ~ / 10 A / 4 mm ² | 500 V ~ / 10 A / 4 mm ² | 24 V ~ / 10 A / 4 mm ² |
| UL / CSA | 600 V ~ / 10 A / AWG 26 - 10 | 24 V ~ / 10 A / AWG 26 - 10 | 600 V ~ / 10 A / AWG 26 - 10 | 24 V ~ / 10 A / AWG 26 - 10 |
| Ordering Data | | | | |
| | Grey | 355 219 (24V AC) | | 354 219 (24V AC) |
| | Grey | 355 229 (24V DC) | | 354 229 (24V DC) |
| | Grey | 355 319 (48V AC) | | 354 319 (48V AC) |
| | Grey | 355 329 (48V DC) | | 354 329 (48V DC) |
| | Grey | 355 519 (110V AC) | | 354 519 (110V AC) |
| | Grey | 355 529 (110V DC) | | 354 529 (110V DC) |
| | Grey | 355 619 (220V AC) | | 354 619 (220V AC) |
| | Grey | 355 629 (220V DC) | | 354 629 (220V DC) |
| End Plate | | | | |
| | NPP / ASK 3 | NPP / ASK 3 | NPP / ASK 3 | NPP / ASK 3 |
| Cross Connection | | | | |
| | UK 4/2 - 3 - 4 | UK 4/2 - 3 - 4 | UK 4/2 - 3 - 4 | UK 4/2 - 3 - 4 |
| Marking Tags | | | | |
| | DG 6/5 - DG 10/5 - DG 10/6 DB 5 - DB 10/6 | DG 6/5 - DG 10/5 - DG 10/6 DB 5 - DB 10/6 | DG 6/5 - DG 10/5 - DG 10/6 DB 5 - DB 10/6 | DG 6/5 - DG 10/5 - DG 10/6 DB 5 - DB 10/6 |
| Mounting Rails | | | | |
| | MR 35 | MR 35 | MR 35 | MR 35 |

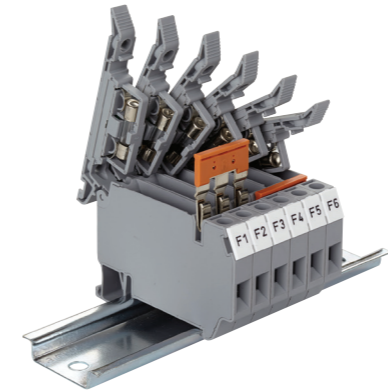


| Electrical Ratings | AVK 4 FS Width: 8 mm 353 309 |
|--------------------|------------------------------------|
| CE (EN 60947-7-1) | 500 V ~ / 32 A / 4 mm ² |
| UL / CSA | 300 V ~ / 6,3/30 A / AWG 26-10 |
| End Plate | |
| | NPP / AVK 4 FS |
| Cross Connection | |
| | UK 6/2 - 3 - 4 - 10 |
| Marking Tags | |
| | DB 5 - DG 6/5 |
| Mounting Rails | |
| | MR 35 |



| Electrical Ratings | ASK 4 Width: 10 mm 351 129 | ASK 4 LD Width: 10 mm9 |
|-------------------------------|-------------------------------------|-------------------------------------|
| CE (EN 60947-7-1 / 60947-7-3) | 750 V ~ / 6,3 A / 6 mm ² | ~ V ~ / 6,3 A / 6 mm ² |
| UL / CSA | 600 V ~ / 6,3 A / AWG 22 - 8 | 24 V ~ / 6,3 A / AWG 22 - 8 |
| Ordering Data | | |
| | Grey | 351 719 (24V AC) |
| | Grey | 351 729 (24V DC) |
| | Grey | 351 739 (48V AC) |
| | Grey | 351 749 (48V DC) |
| | Grey | 351 759 (110V AC) |
| | Grey | 351 769 (110V DC) |
| | Grey | 351 779 (220V AC) |
| | Grey | 351 789 (220V DC) |
| Marking Tags | | |
| | DG 10/8 | DG 10/8 |
| Mounting Rails | | |
| | MR 35 | MR 35 |

| Fuse / Fuse Type | Used Terminals |
|------------------|--|
| G / 5x20 - 5x25 | ASK 2S, ASK 2LD, ASK 3M, ASK 3MLD, ASK 3F, ASK 3FLD, ASK 4FS, ASK 4FLD, ASK 5, ASK 5LD |



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.

| COLOR ORDER NUMBERS | | | | | | | | | | |
|---------------------|-------|------|-------|--------|------|-------|-------|--------|-------|------|
| Color | Beige | Blue | Green | Yellow | Red | Black | White | Orange | Brown | Grey |
| AVK Series | ...9 | ...1 | ...2 | ...3 | ...4 | ...5 | ...6 | ...7 | ...8 | ...0 |

* Color code is the last digit of the order number

01 Cross Connectors

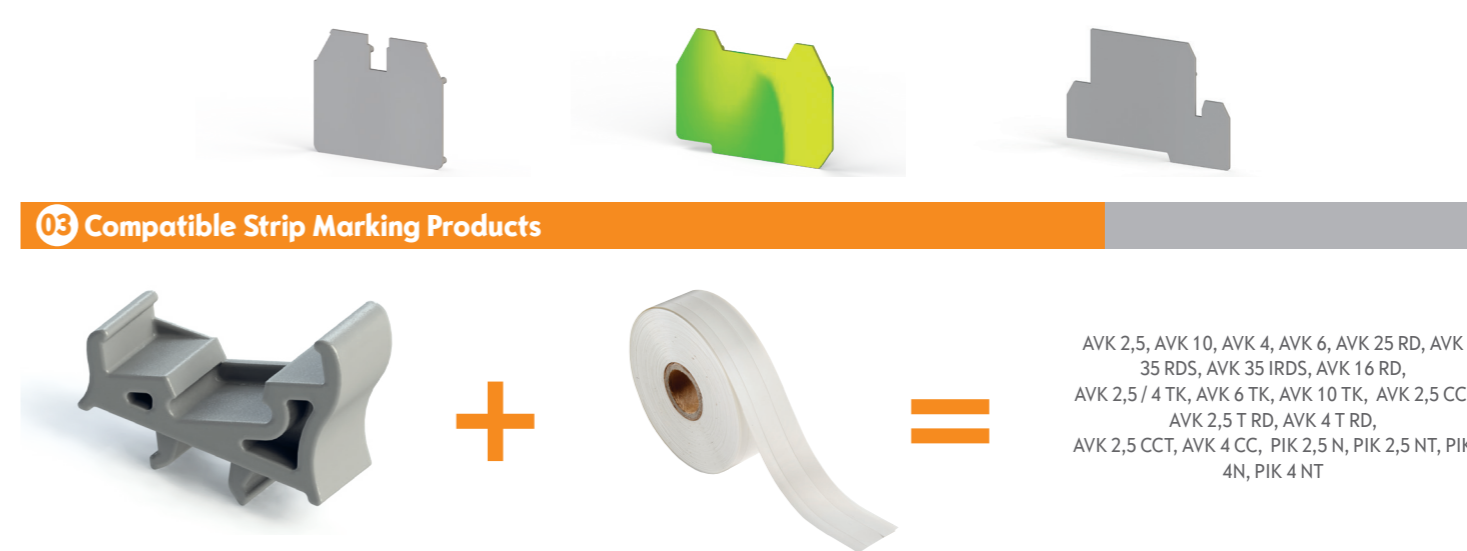
| Cat. No. | Type | Pole |
|----------|---------------|------|
| 474 122 | UK 2,5/2 | 2 |
| 474 123 | UK 2,5/3 | 3 |
| 474 124 | UK 2,5/4 | 4 |
| 474 129 | UK 2,5/10 | 10 |
| 474 210 | UK 2,5/50 | 50 |
| 474 132 | UK 4/2 | 2 |
| 474 133 | UK 4/3 | 3 |
| 474 134 | UK 4/4 | 4 |
| 474 139 | UK 4/10 | 10 |
| 474 180 | UK 4/20 | 20 |
| 474 190 | UK 4/50 | 50 |
| 474 142 | UK 6/2 | 2 |
| 474 143 | UK 6/3 | 3 |
| 474 144 | UK 6/4 | 4 |
| 474 149 | UK 6/10 | 10 |
| 474 152 | UK 10/2 | 2 |
| 474 153 | UK 10/3 | 3 |
| 474 154 | UK 10/4 | 4 |
| 474 159 | UK 10/10 | 10 |
| 474 162 | UK 16/2 | 2 |
| 474 163 | UK 16/3 | 3 |
| 474 164 | UK 16/4 | 4 |
| 474 169 | UK 16/10 | 10 |
| 480 212 | UK 35/2 RDS | 2 |
| 480 213 | UK 35/3 RDS | 3 |
| 480 214 | UK 35/4 RDS | 4 |
| 480 219 | UK 35/10 RDS | 10 |
| 476 222 | UK 2,5/2 | 2 |
| 476 224 | UK 2,5/4 | 4 |
| 476 229 | UK 2,5/10 | 10 |
| 474 210 | UK 2,5/50 | 50 |
| 476 232 | UK 4/2 | 2 |
| 476 233 | UK 4/3 | 3 |
| 476 234 | UK 4/4 | 4 |
| 476 239 | UK 4/10 | 10 |
| 474 190 | UK 4/50 | 50 |
| 478 302 | UKB 95/2 | 2 |
| 478 303 | UKB 95/3 | 3 |
| 478 304 | UKB 95/4 | 4 |
| 478 312 | UKB 150/2 | 2 |
| 478 313 | UKB 150/3 | 3 |
| 478 314 | UKB 150/4 | 4 |
| 478 322 | UKB 240/2 | 2 |
| 478 323 | UKB 240/3 | 3 |
| 478 324 | UKB/2404 | 4 |
| 478 332 | UK 50/2 | 2 |
| 478 333 | UK 50/3 | 3 |
| 478 334 | UK 50/4 | 4 |
| 478 372 | UK 70/2 | 2 |
| 478 373 | UK 70/3 | 3 |
| 478 374 | UK 70/4 | 4 |
| 478 342 | UK 95/2 | 2 |
| 478 343 | UK 95/3 | 3 |
| 478 344 | UK 95/4 | 4 |
| 478 352 | UK 150/2 | 2 |
| 478 353 | UK 150/3 | 3 |
| 478 354 | UK 150/4 | 4 |
| 478 362 | UK 240/2 | 2 |
| 478 363 | UK 240/3 | 3 |
| 478 364 | UK 240/4 | 4 |
| 479 012 | TKO-PB 2,5/2 | 2 |
| 479 013 | TKO-PB 2,5/3 | 3 |
| 479 014 | TKO-PB 2,5/4 | 4 |
| 479 017 | TKO-PB 2,5/7 | 7 |
| 479 019 | TKO-PB 2,5/10 | 10 |
| 479 002 | TKO-PB 6/2 | 2 |



| Cat. No. | Type | Pole |
|----------|-------------|------|
| 479 003 | TKO-PB 6/3 | 3 |
| 479 004 | TKO-PB 6/4 | 4 |
| 479 007 | TKO-PB 6/7 | 7 |
| 479 009 | TKO-PB 6/10 | 10 |
| 479 022 | TKO-PB 25/2 | 2 |
| 480 192 | UK 9,5/2 | 2 |
| 480 193 | UK 9,5/3 | 3 |
| 480 194 | UK 9,5/4 | 4 |
| 480 194 | UK 9,5/4 | 4 |
| 480 197 | UK 9,5/7 | 7 |
| 480 199 | UK 9,5/10 | 10 |
| 480 202 | UK 13/2 | 2 |
| 480 203 | UK 13/3 | 3 |
| 480 204 | UK 13/4 | 4 |
| 480 207 | UK 13/7 | 7 |
| 480 209 | UK 13/10 | 10 |
| 476 302 | IZUK 6/2 | 2 |
| 476 303 | IZUK 6/3 | 3 |
| 476 304 | IZUK 6/4 | 4 |
| 476 306 | IZUK 6/6 | 6 |
| 476 309 | IZUK 6/10 | 10 |
| 476 242 | UK 6/2 | 2 |
| 476 243 | UK 6/3 | 3 |
| 476 244 | UK 6/4 | 4 |
| 476 249 | UK 6/10 | 10 |
| 476 402 | IZUK 10/2 | 2 |
| 476 403 | IZUK 10/3 | 3 |
| 476 404 | IZUK 10/4 | 4 |
| 476 406 | IZUK 10/6 | 6 |
| 479 406 | IZUK 10/10 | 10 |
| 476 502 | IZUK 10W/2 | 2 |
| 476 503 | IZUK 10W/3 | 3 |
| 476 504 | IZUK 10W/4 | 4 |
| 476 506 | IZUK 10W/6 | 6 |
| 476 509 | IZUK 10W/10 | 10 |
| 474 122 | UK 2,5/2 | 2 |
| 474 123 | UK 2,5/3 | 3 |
| 474 124 | UK 2,5/4 | 4 |
| 474 129 | UK 2,5/10 | 10 |
| 474 132 | UK 4/2 | 2 |
| 474 133 | UK 4/3 | 3 |
| 474 134 | UK 4/4 | 4 |
| 474 139 | UK 4/10 | 10 |
| 498 300 | WGO-UAA | 1 |
| 474 180 | UK 4/20 | 20 |
| 474 190 | UK 4/50 | 50 |
| 474 152 | UK 10/2 | 2 |
| 474 153 | UK 10/3 | 3 |
| 474 154 | UK 10/4 | 4 |
| 474 159 | UK 10/10 | 10 |
| 474 122 | UK 2,5/2 | 2 |
| 474 123 | UK 2,5/3 | 3 |
| 474 124 | UK 2,5/4 | 4 |
| 474 129 | UK 2,5/10 | 10 |
| 474 142 | UK 6/2 | 2 |
| 474 143 | UK 6/3 | 3 |
| 474 144 | UK 6/4 | 4 |
| 474 149 | UK 6/10 | 10 |
| 474 132 | UK 4/2 | 2 |
| 474 133 | UK 4/3 | 3 |
| 474 134 | UK 4/4 | 4 |
| 474 139 | UK 4/10 | 10 |
| 474 122 | UK 2,5/2 | 2 |
| 474 123 | UK 2,5/3 | 3 |
| 474 124 | UK 2,5/4 | 4 |
| 474 129 | UK 2,5/10 | 10 |
| 474 142 | UK 6/2 | 2 |
| 474 143 | UK 6/3 | 3 |
| 474 144 | UK 6/4 | 4 |
| 474 149 | UK 6/10 | 10 |
| 474 132 | UK 4/2 | 2 |
| 474 133 | UK 4/3 | 3 |
| 474 134 | UK 4/4 | 4 |
| 474 139 | UK 4/10 | 10 |

02 End Plates

| | | | | | | | |
|----------|-----|--------------|----------------------------|----------|-----|--------------|---|
| 444 120 | NPP | Grey | AVK 2,5 to AVK 10 / AVK RD | 450 100 | NPP | Beige | WGO 1 - WGL 1 |
| 444 129 | NPP | Beige | AVK 2,5 to AVK 10 / AVK RD | 450 279 | NPP | Grey | WGO Y6 - YD6 |
| 444 170 | NPP | Grey | AVK 16 RD | 450 270 | NPP | Beige | WGO Y6 - YD6 |
| 444 179 | NPP | Beige | AVK 16 RD | 451 009 | NPP | Grey | WGO PB 6/NM - PBD 6/NM |
| 444 139 | NPP | Grey | AVK 2,5 CC - CCA - EA | 451 000 | NPP | Beige | WGO PB 6/NM - PBD 6/NM |
| 444 130 | NPP | Beige | AVK 2,5 CC - CCA - EA | 449 019 | NPP | Grey | PIK 2,5N - NK - ND - NLD / PIK 4N - NK - ND - NLD |
| 450 250 | NPP | Grey | AVK 25 RD | 449 010 | NPP | Beige | PIK 2,5N - NK - ND - NLD / PIK 4N - NK - ND - NLD |
| 450 259 | NPP | Beige | AVK 25 RD | 449 029 | NPP | Grey | PIK 4FS |
| 450 300 | NPP | Grey | AVK Y4 - Y6 | 449 020 | NPP | Beige | PIK 4FS |
| 450 309 | NPP | Beige | AVK Y4 - Y6 | 450 239 | NPP | Grey | WGO 2N |
| 450 390 | NPP | Grey | AVK Y4 A | 450 230 | NPP | Beige | WGO 2N |
| 450 399 | NPP | Beige | AVK Y4 A | 450 249 | NPP | Grey | WGO 2 IR |
| 450 260 | NPP | Grey | AVK Y10 | 450 240 | NPP | Beige | WGO 2 IR |
| 450 269 | NPP | Beige | AVK Y10 | 450 109 | NPP | Grey | WGO 1 |
| 451 029 | NPP | Grey | PB 2,5/NM - 2,5K/NM | 450 100 | NPP | Beige | WGO 1 |
| 451 020 | NPP | Beige | PB 2,5/NM - 2,5K/NM | 450 279 | NPP | Grey | WGO Y6 - YD6 |
| 451 019 | NPP | Grey | PB 6/NM - 6K/NM | 450 270 | NPP | Beige | WGO Y6 - YD6 |
| 451 010 | NPP | Beige | PB 6/NM - 6K/NM | 449 019 | NPP | Grey | PIK 2,5N - NK - ND - NLD - RD / PIK 4N - NK - ND - NLD - RD |
| 451 039 | NPP | Grey | PB 25/NM (M5 - M6)AVK | 446 010 | NPP | Beige | PIK 2,5N - NK - ND - NLD - RD / PIK 4N - NK - ND - NLD - RD |
| 451 030 | NPP | Beige | PB 25/NM (M5 - M6) | 449 029 | NPP | Grey | PIK 4FS |
| 450 289 | NPP | Grey | CPB 6 | 449 020 | NPP | Beige | PIK 4FS |
| 450 280 | NPP | Beige | CPB 6 | 449 039 | NPP | Grey | PIK 10 N |
| 450 299 | NPP | Grey | CPB 6 B | 449 030 | NPP | Beige | PIK 10 N |
| 450 290 | NPP | Beige | CPB 6 B | 449 012T | NPP | Yellow-Green | PIK 2,5 NT / PIK 4 NT |
| 450 349 | NPP | Grey | AVK 4 CE - CC - CEA - CCA | 450 139 | NPP | Grey | PUK 3 |
| 450 340 | NPP | Beige | AVK 4 CE - CC - CEA - CCA | 450 130 | NPP | Beige | PUK 3 |
| 444 132T | NPP | Yellow-Green | AVK 2,5 CCT | 450 159 | NPP | Grey | PUK 3 T |
| 450 342T | NPP | Yellow-Green | AVK 4 CCT | 450 150 | NPP | Beige | PUK 3 T |
| 450 330 | NPP | Grey | AVK 2,5 R - 4 R - 4 A | 450 149 | NPP | Grey | PUK 2 T |
| 450 339 | NPP | Beige | AVK 2,5 R - 4 R - 4 A | 450 140 | NPP | Beige | PUK 2 T |
| 450 332T | NPP | Yellow-Green | AVK 2,5 RT - 4 RT | 450 169 | NPP | Grey | PUK 3 S - SLD |
| 450 229 | NPP | Grey | WGO 3 | 450 160 | NPP | Beige | PUK 3 S - SLD |
| 450 220 | NPP | Beige | WGO 3 | 450 049 | NPP | Grey | ASK 2 S - LD |
| 450 239 | NPP | Grey | WGO 2 N | 450 040 | NPP | Beige | ASK 2 S - LD |
| 450 230 | NPP | Beige | WGO 2 N | 450 059 | NPP | Grey | ASK 3 M - MLD - F - FLD |
| 450 249 | NPP | Grey | WGO 2 IR | 450 050 | NPP | Beige | ASK 3 M - MLD - F - FLD |
| 450 240 | NPP | Beige | WGO 2 IR | 450 209 | NPP | Grey | AVK 4 FS |
| 450 109 | NPP | Grey | WGO 1 - WGL 1 | 450 200 | NPP | Beige | AVK 4 FS |



AVK 2,5, AVK 10, AVK 4, AVK 6, AVK 25 RD, AVK 35 RDS, AVK 35 IRDS, AVK 16 RD, AVK 2,5/4 TK, AVK 6 TK, AVK 10 TK, AVK 2,5 CC, AVK 2,5 T RD, AVK 4 T RD, AVK 2,5 CCT, AVK 4 CC, PIK 2,5 N, PIK 2,5 NT, PIK 4N, PIK 4 NT

*Please refer to page:40

04 Partition Plates

| | | | |
|---------|-----|-------|--------------|
| 462 170 | APP | Grey | AVK 16 RD |
| 462 179 | APP | Beige | AVK 16 RD |
| 464 009 | APP | Grey | PB 2,5 - 6NM |
| 464 000 | APP | Beige | PB 2,5 - 6NM |
| 464 019 | APP | Grey | PB 25NM |
| 464 010 | APP | Beige | PB 25NM |

05 Small Partition Plates

| | | | |
|---------|------|-------|--------------|
| 467 919 | AD 1 | Grey | AVK 2,5 - 10 |
| 467 910 | AD 1 | Beige | AVK 2,5 - 10 |

06 End Brackets

| Cat. No. | Type | Color | |
|----------|-------|-------|-------|
| 495 040 | KD 3 | Beige | MR 35 |
| 495 049 | KD 3 | Grey | MR 35 |
| 495 050 | KD 4 | Beige | MR 35 |
| 495 059 | KD 4 | Grey | MR 35 |
| 495 090 | KD 6 | Beige | MR 35 |
| 495 099 | KD 6 | Grey | MR 35 |
| 495 100 | KD 6A | Beige | MR 35 |
| 495 109 | KD 6A | Grey | MR 35 |
| 495 200 | KD 6T | Beige | MR 35 |
| 495 209 | KD 6T | Grey | MR 35 |
| 495 210 | KD 7 | Beige | MR 35 |
| 495 219 | KD 7 | Grey | MR 35 |

07 Group Marking

| Cat. No. | Type | Color | |
|----------|--------|-------------|---------------------------|
| 496 110 | GE | Beige | MR 32 / MR 35 |
| 496 119 | GE | Grey | MR 32 / MR 35 |
| 496 259 | GE 2 | White | AVK 2,5-10 / RD - 4 RD |
| 496 255 | GE 3 | White | AVK 16-35 / 16 RD - 35 RD |
| 496 12A | ME 1-1 | Transparent | with KD 4 |
| 496 13A | ME 1-2 | Transparent | with KD 4 |
| 496 14A | ME 2-2 | Transparent | with KD 4 |
| 496 300 | ME 3 | Transparent | with KD 7 |

08 Comb Connectors

| Cat. No. | Type | | Pole |
|----------|------------|------------------|------|
| 476 262 | TKO 2,5/2 | AVK 2,5 | 2 |
| 476 263 | TKO 2,5/3 | AVK 2,5 | 3 |
| 476 264 | TKO 2,5/4 | AVK 2,5 | 4 |
| 476 269 | TKO 2,5/10 | AVK 2,5 | 10 |
| 476 272 | TKO 4/2 | AVK 4 | 2 |
| 476 273 | TKO 4/3 | AVK 4 | 3 |
| 476 274 | TKO 4/4 | AVK 4 | 4 |
| 476 279 | TKO 4/10 | AVK 4 | 10 |
| 476 282 | TKO 6/2 | AVK 6 - WGL 1 | 2 |
| 476 283 | TKO 6/3 | AVK 6 - WGL 1 | 3 |
| 476 284 | TKO 6/4 | AVK 6 - WGL 1 | 4 |
| 476 289 | TKO 6/10 | AVK 6 - WGL 1 | 10 |
| 476 292 | TKO 10/2 | AVK 10 / WGO 2IR | 2 |
| 476 293 | TKO 10/3 | AVK 10 / WGO 2IR | 3 |
| 476 294 | TKO 10/4 | AVK 10 / WGO 2IR | 4 |
| 476 299 | TKO 10/10 | AVK 10 / WGO 2IR | 10 |

09 Mounting Rails

| | | | |
|---------|-------|----------|-------|
| 500 101 | MR 32 | 32 | 1 m |
| 500 601 | MR 35 | 35 x 7,5 | 1 m |
| 500 602 | MR 35 | 35 x 7,5 | 1 m |
| 500 603 | MR 35 | 35 x 7,5 | 2 m |
| 500 604 | MR 35 | 35 x 7,5 | 2 m |
| 500 605 | MR 35 | 35 x 7,5 | 30 cm |
| 500 606 | MR 35 | 35 x 15 | 1 m |
| 500 607 | MR 35 | 35 x 15 | 1 m |
| 500 608 | MR 35 | 35 x 15 | 2 m |
| 500 609 | MR 35 | 35 x 15 | 2 m |

10 Test Plug-Soc. / Ins. Test Soc.

| | | |
|---------|--------------|----------------------|
| 492 010 | ITK 28 (Ø4) | AVK 4 ... 10 |
| 492 020 | ITK 32 (Ø4) | AVK 16 |
| 490 010 | TSK 1 (Ø2) | AVK 2,5 |
| 490 030 | TSK 3 (Ø2,3) | AVK 2,5 |
| 490 040 | TSK 4 (Ø2,3) | AVK 4 ... 10 |
| 490 070 | TSK 7 (Ø4) | AVK 4 ... 10 |
| 490 080 | TSK 8 (Ø4) | AVK 16 |
| 490 090 | TSK 9 (Ø4) | AVK 35 |
| 493 020 | TF (Ø2) | AVK 2,5 |
| 493 023 | TF (Ø2,3) | AVK 2,5 - 4 - 6 - 10 |
| 493 040 | TF (Ø4) | AVK 4 - 6 - 10 - 35 |

11 Isolation Covers

| | | |
|---------|---------|-----------|
| 466 100 | KKB 95 | AVK 95 B |
| 466 110 | KKB 150 | AVK 150 B |
| 466 120 | KKB 240 | AVK 240 B |

12 Labeling

| | |
|---------|-----------|
| 505 310 | DG 10/5 |
| 505 380 | DG 10/5 T |
| 505 320 | DG 10/6 |
| 505 390 | DG 10/6 T |
| 505 330 | DG 6/5 |
| 505 410 | DG 10/8 |
| 505 430 | DG 10/10 |
| 503 000 | DB 4 |
| 505 850 | DB 5 |
| 505 910 | DB 10/5 |
| 505 915 | DB 10/6 |
| 505 920 | DB 10/6,5 |

13 Warning Label

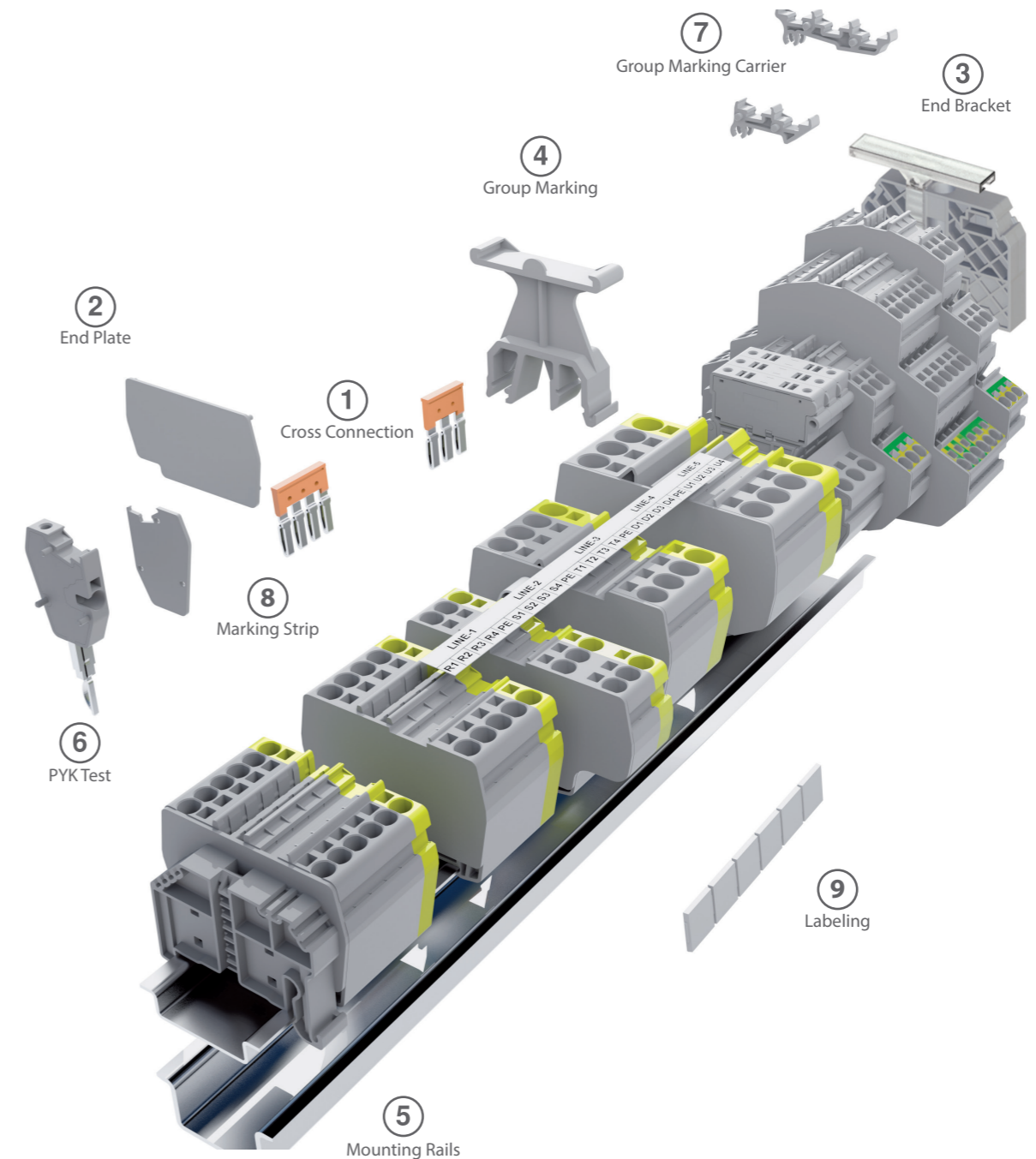
| | | |
|---------|-------|--|
| 498 130 | IP 2S | AVK 2,5 - 4 - 6 - 10 AVK 2,5 RD - 4 RD AVK 2,5 T RD - 4 T RD |
| 498 140 | IP 2 | AVK 2,5 - 4 - 6 - 10 AVK 2,5 RD - 4 RD AVK 2,5 T RD - 4 T RD |
| 498 143 | IP 3S | AVK 16 - 16 RD - 35 RD AVK 35 T RD |
| 498 145 | IP 2 | AVK 16 - 16 RD - 35 RD AVK 35 T RD |
| 498 240 | IP 5 | AVK 50 - 70 RD AVK 95 - 150 - 240 |
| 498 250 | IP 5S | AVK 50 - 70 RD AVK 95 - 150 - 240 |

PYK - PUSH-IN TERMINAL BLOCKS

Catch the technology with PYK series terminal blocks. **PYK** is the newest technology in the spring clamp connection type; it provides users with fast and secure connection. Cable is connected to the terminal just by pushing-in, without the need to use a screwdriver. PYK is suitable for applications with or without end-sleeves. All you need to do is to push the cable into the cable hole to make the connection. If needed, cable can be released easily by using a screwdriver.

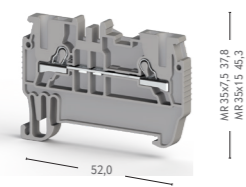
PYK series has a faster and easier montage advantage compared to AVK and YBK series. Cross connection for PYK is the same standard push-in type cross connectors used for YBK and AVK RD series. By this means user has the flexibility in using the cross connections.

Marking tags used for PYK series can be the standard labels and the outputs of thermal printer or plotter machines as well. User can design, group or code the marking tags at his/her will by using thermal printers or plotters.

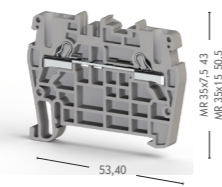


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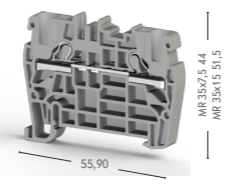
PYK 1,5 M
Width: 4,2 mm
307 019



PYK 2,5
Width: 5 mm
307 109

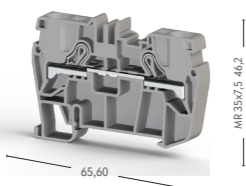


PYK 4
Width: 6 mm
307 119

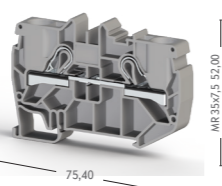


| | | | |
|---------------------------|--|--|--|
| Electrical Ratings | | | |
| CE (EN 60947-7-1) | 800 V / 17,5 A / 1,5 mm ² | 800 V ~ / 24 A / 2,5 mm ² | 800 V ~ / 32 A / 4 mm ² |
| UL / CSA | | 600 V ~ / 20 A / AWG 22-12 | 600 V ~ / 30 A / AWG 22-10 |
| VDE | | 800 V ~ / 24 A / 2,5 mm ² | 800 V ~ / 32 A / 4 mm ² |
| ATEX | | 800 V ~ / 24 A | 800 V ~ / 32 A |
| Cross Connection | | | |
| | UK 1,5 / 2-3-4-10 | UK 2,5/2 - 3 - 4 - 10 - 16 - 20 | UK 4 / 2 - 3 - 4 - 10 |
| End Plate | | | |
| | NPP / PYK 1,5 M APP / PYK 1,5-2,5-4 | NPP / PYK 2,5 APP / PYK 1,5-2,5-4 | NPP / PYK 4 APP / PYK 4 |
| Test PYK | | | |
| | | PYK Test | PYK Test PYK Test - A |
| End Bracket | | | |
| | KD 3 - KD 4 - KD 7 | KD 3 - KD 4 - KD 7 | KD 3 - KD 4 - KD 7 |
| Group Marking | | | |
| | GE - ME - ME 3 | GE - ME - ME 3 | GE - ME - ME 3 |
| Marking Tags | | | |
| | DB 6/4 11.2 Marking Strip | DB 10/5 - DG 10/5 - DG 10/5T 11.2 Marking Strip | DB 10/6 - DG 10/6 - DG 10/6T 11.2 Marking Strip |
| Mounting Rails | | | |
| | MR 35 | MR 35 | MR 35 |

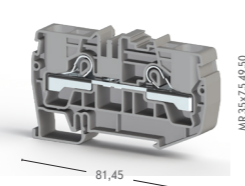
PYK 6
Width: 8 mm
307 129



PYK 10
Width: 10 mm
307 139



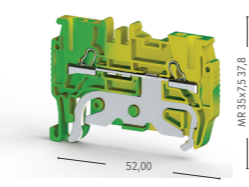
PYK 16
Width: 12 mm
307 659



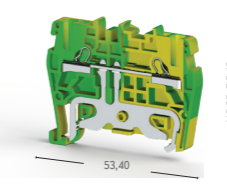
| | | | |
|---------------------------|------------------------------------|-------------------------------------|--------------------------------------|
| Electrical Ratings | | | |
| CE (EN 60947-7-1) | 800 V ~ / 41 A / 6 mm ² | 800 V ~ / 57 A / 10 mm ² | 1000 V ~ / 76 A / 16 mm ² |
| UL / CSA | 600 V ~ / 45 A / AWG 20-8 | 600 V ~ / 55 A / AWG 20-6 | |
| VDE | 800 V ~ / 41 A | 800 V ~ / 57 A | |
| ATEX | | | |
| Cross Connection | | | |
| | UK 6 / 2-3-4-10 | UK 10 / 2-3-4-10 | CS 16 / 2-3-4-5 |
| End Plate | | | |
| | NPP / PYK 6 APP / PYK 6 | NPP / PYK 10 APP / PYK 10 | NPP / PYK 16 |
| End Bracket | | | |
| | KD 3 - KD 4 - KD 7 | KD 3 - KD 4 - KD 7 | KD 3 - KD 4 - KD 7 |
| Group Marking | | | |
| | GE - ME - ME 3 | GE - ME - ME 3 | GE - ME - ME 3 |
| Marking Tags | | | |
| | DG 10/8 11.2 Marking Strip | DG 10/10 11.2 Marking Strip | DG 10/10 11.2 Marking Strip |
| Mounting Rails | | | |
| | MR 35 | MR 35 | MR 35 |

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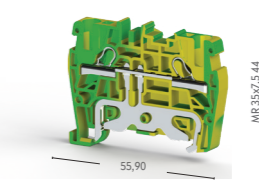
PYK 1,5 MT
Width: 4,2 mm
336 440



PYK 2,5 T
Width: 5 mm
336 500

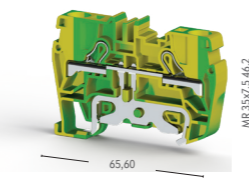


PYK 4 T
Width: 6 mm
336 510

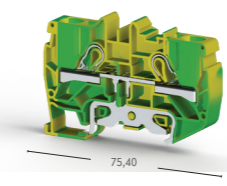


| | | | |
|---------------------------|-----------------------------------|--|--|
| Electrical Ratings | | | |
| CE (EN 60947-7-2) | ~ V ~ / ~ A / 1,5 mm ² | ~ V ~ / ~ A / 2,5 mm ² | ~ V ~ / ~ A / 4 mm ² |
| UL / CSA | | ~ V ~ / ~ A / AWG 22-12 | ~ V ~ / ~ A / AWG 22-10 |
| VDE | | ~ V ~ / ~ A / 2,5 mm ² | ~ V ~ / ~ A / 4 mm ² |
| ATEX | | 800 V | 800 V |
| End Plate | | | |
| | NPP / PYK 1,5 MT | NPP / PYK 2,5 T | NPP / PYK 4 T |
| End Bracket | | | |
| | KD 3 - KD 4 - KD 7 | KD 3 - KD 4 - KD 7 | KD 3 - KD 4 - KD 7 |
| Group Marking | | | |
| | GE - ME - ME 3 | GE - ME - ME 3 | GE - ME - ME 3 |
| Marking Tags | | | |
| | DB 6/4 11.2 Marking Strip | DB 10/5 - DG 10/5 - DG 10/5T 11.2 Marking Strip | DB 10/6 - DG 10/6 - DG 10/6T 11.2 Marking Strip |
| Mounting Rails | | | |
| | MR 35 | MR 35 | MR 35 |

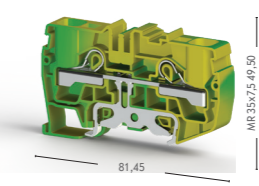
PYK 6 T
Width: 8 mm
336 520



PYK 10 T
Width: 10 mm
336 530



PYK 16 T
Width: 12 mm
336 640



| | | | |
|---------------------------|---------------------------------|----------------------------------|----------------------------------|
| Electrical Ratings | | | |
| CE (EN 60947-7-2) | ~ V ~ / ~ A / 6 mm ² | ~ V ~ / ~ A / 10 mm ² | ~ V ~ / ~ A / 16 mm ² |
| UL / CSA | ~ V ~ / ~ A / AWG 20-8 | 600 V ~ / ~ A / AWG 20-6 | |
| VDE | | | |
| ATEX | | | |
| End Plate | | | |
| | NPP / PYK 6 T | NPP / PYK 10 T | NPP / PYK 16 T |
| End Bracket | | | |
| | KD 3 - KD 4 - KD 7 | KD 3 - KD 4 - KD 7 | KD 3 - KD 4 - KD 7 |
| Group Marking | | | |
| | GE - ME - ME 3 | GE - ME - ME 3 | GE - ME - ME 3 |
| Marking Tags | | | |
| | DG 10/8 11.2 Marking Strip | DG 10/10 11.2 Marking Strip | DG 10/10 11.2 Marking Strip |
| Mounting Rails | | | |
| | MR 35 | MR 35 | MR 35 |

Multi Input / Output Practical Spring Clamp Terminals

| | PYK 1,5 ME Width: 4,2 mm 307 039 | PYK 1,5 MET Width: 4,2 mm 336 460 | PYK 1,5 MC Width: 4,2 mm 307 029 | PYK 1,5 MCT Width: 4,2 mm 336 450 |
|---------------------------|---|--|---|--|
| Electrical Ratings | 800 V / 17,5 A / 1,5 mm ² CE (EN 60947-7-1) UL / CSA | ~ V / ~ A / 1,5 mm ² | 800 V / 17,5 A / 1,5 mm ² | ~ V / ~ A / 1,5 mm ² |
| Cross Connection | UK 1,5 / 2-3-4-10 | | UK 1,5 / 2-3-4-10 | |
| End Plate | NPP / PYK 1,5 ME | NPP / PYK 1,5 MET | NPP / PYK 1,5 MC | NPP / PYK 1,5 MCT |
| End Bracket | KD 3 - KD 4 - KD 7 | KD 3 - KD 4 - KD 7 | KD 3 - KD 4 - KD 7 | KD 3 - KD 4 - KD 7 |
| Group Marking | GE - ME - ME 3 | GE - ME - ME 3 | GE - ME - ME 3 | GE - ME - ME 3 |
| Marking Tags | DB 6/4 11,2 Marking Strip | DB 6/4 11,2 Marking Strip | DB 6/4 11,2 Marking Strip | DB 6/4 11,2 Marking Strip |
| Mounting Rails | MR 35 | MR 35 | MR 35 | MR 35 |

PYK Series One Input - Two Output

Two Input - Two Output Terminals

| | PYK 2,5 E Width: 5 mm 307 439 | PYK 2,5 ET Width: 5 mm 336 550 | PYK 2,5 C Width: 5 mm 307 389 | PYK 2,5 CT Width: 5 mm 336 540 |
|---------------------------|---|--|--|--|
| Electrical Ratings | 800 V / 24 A / 2,5 mm ² 600 V / 20 A / AWG 22-12 CE (EN 60947-7-1) UL / CSA | ~ V / ~ A / 2,5 mm ² ~ V / ~ A / AWG 22-12 | 800 V / 24 A / 2,5 mm ² 600 V / 20 A / AWG 22-12 | ~ V / ~ A / 2,5 mm ² ~ V / ~ A / AWG 22-12 |
| Cross Connection | UK 2,5/2 - 3 - 4 - 10 - 16 - 20 | | UK 2,5/2 - 3 - 4 - 10 - 16 - 20 | |
| End Plate | NPP / PYK 2,5 E | NPP / PYK 2,5 ET | NPP / PYK 2,5 C | NPP / PYK 2,5 CT |
| Test PYK | PYK Test | | PYK Test | |
| End Bracket | KD 3 - KD 4 - KD 7 | KD 3 - KD 4 - KD 7 | KD 3 - KD 4 - KD 7 | KD 3 - KD 4 - KD 7 |
| Group Marking | GE - ME - ME 3 | GE - ME - ME 3 | GE - ME - ME 3 | GE - ME - ME 3 |
| Marking Tags | DB 10/5 - DG 10/5 - DG 10/5T 11.2 Marking Strip | DB 10/5 - DG 10/5 - DG 10/5T 11.2 Marking Strip | DB 10/5 - DG 10/5 - DG 10/5T 11.2 Marking Strip | DB 10/5 - DG 10/5 - DG 10/5T 11.2 Marking Strip |
| Mounting Rails | MR 35 | MR 35 | MR 35 | MR 35 |

Multi Input / Output Practical Spring Clamp Terminals

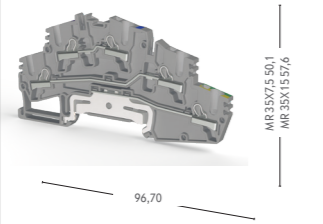
| | PYK 4 E Width: 6 mm 307 229 | PYK 4 ET Width: 6 mm 336 600 |
|------------------------------|--|--|
| Electrical Ratings | 800 V / 32 A / 4 mm ² 600 V / 30 A / AWG 22-12 UL / CSA ATEX | ~ V / ~ A / 4 mm ² |
| Cross Connection | UK 4 / 2 - 3 - 4 - 10 | |
| End Plate | NPP / PYK 4 E | NPP / PYK 4 ET |
| Test PYK | PYK Test PYK Test A | |
| End Bracket | KD 3 - KD 4 - KD 7 | KD 3 - KD 4 - KD 7 |
| Group Marking | GE - ME - ME 3 | ME 3 |
| Group Marking Carrier | | |
| Marking Tags | DB 10/6 - DG 10/6 - DG 10/6T 11.2 Marking Strip | DB 10/6 - DG 10/6 - DG 10/6T 11.2 Marking Strip |
| Mounting Rails | MR 35 | MR 35 |

Practical Spring Clamp Mini Terminals

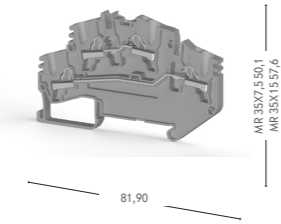
| | PYKMR 2,5 Width: 5 mm 307 399 | PYKMR 2,5 Width: 5 mm 307 499 | PYKMR 2,5 T Width: 5 mm 336 430 |
|---------------------------|---|--|--|
| Electrical Ratings | 800 V / 24 A / 2,5 mm ² 600 V / 20 A / AWG 22-12 CE (EN 60947-7-1 / 60947-7-2) | 800 V / 24 A / 2,5 mm ² | ~ V ~ / ~ A / 2,5 mm ² ~ V / ~ A / AWG 22-12 |
| End Plate | NPP1 / PYKMR 2,5 NPP2 / PYKMR 2,5 | NPP1 / PYKMR 2,5 NPP2 / PYKMR 2,5 | NPP1 / PYKMR 2,5 T NPP2 / PYKMR 2,5 T |
| End Bracket | KD 5 | KD 3 - KD 4 - KD 7 | KD 5 |
| Group Marking | GE - GE 2 - ME | GE - GE 2 - ME - ME 3 | GE - GE 2 - ME |
| Marking Tags | DB 5 - DG 6/5 11.2 Marking Strip | DB 5 - DG 6/5 11.2 Marking Strip | DB 5 - DG 6/5 11.2 Marking Strip |
| Mounting Rails | MR 15 | MR 35 | MR 15 |

Double Deck
Practical
Spring Clamp
Terminals

new
PYK 2,5 - M2 FT
Width: 5 mm
307 709



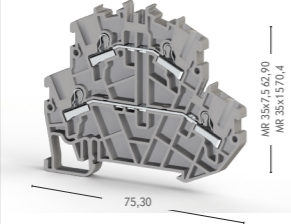
new
PYK 2,5 - M2F
Width: 5 mm
307 699



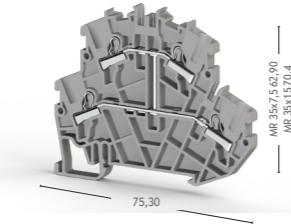
| | | |
|--|--|--------------------------------------|
| Electrical Ratings | | |
| CE (EN 60947-7-1) CE (EN 60947-7-2) | 250 V ~ / 24 A / 2,5 mm ² | 250 V ~ / 24 A / 2,5 mm ² |
| Cross Connection | | |
| | UK 2,5/2 - 3 - 4 - 10 - 16 - 20 | UK 2,5/2 - 3 - 4 - 10 - 16 - 20 |
| End Plate | | |
| | NPP / PYK 2,5 - M2FT | NPP / PYK 2,5 - MF |
| End Bracket | | |
| | KD 3 - KD 4 - KD 7 | KD 3 - KD 4 - KD 7 |
| Marking Tags | | |
| | DB 10/5 - DG 10/5 - DG 10/5T 11.2 Marking Strip | DG 6/5 - DB 5 11.2 Marking Strip |
| Mounting Rails | | |
| | MR 35 | MR 35 |

Double Deck
Practical
Spring Clamp
Terminals

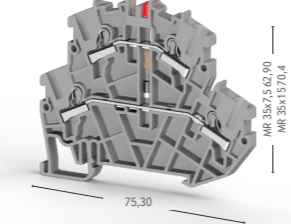
PYK 2,5 - 2 F
Width: 5 mm
307 179



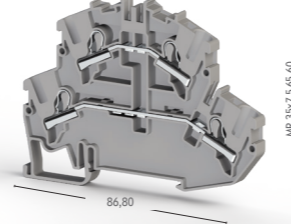
PYK 2,5 - 2 FK
Width: 5 mm
307 239



PYK 2,5 - 2 FLD
Width: 5 mm
307 349



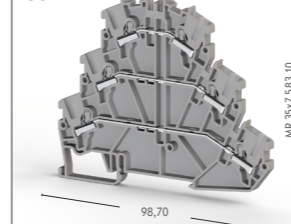
PYK 4 - 2 FN
Width: 6 mm
307 579



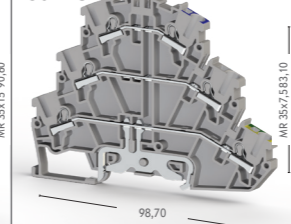
| | | | | |
|--|--|--|--|--|
| Electrical Ratings | | | | |
| CE (EN 60947-7-1) UL / CSA VDE ATEX | 500 V ~ / 24 A / 2,5 mm ² 300 V ~ / 20 A / AWG 22 - 12 500 V ~ / 21 A | 500 V ~ / 24 A / 2,5 mm ² 300 V ~ / 20 A / AWG 22 - 12 500 V ~ / 21 A | 24 V ~ / 24 A / 2,5 mm ² | 500 V ~ / 32 A / 4 mm ² |
| Cross Connection | | | | |
| | UK 2,5/2 - 3 - 4 - 10 - 16 - 20 | UK 2,5/2 - 3 - 4 - 10 - 16 - 20 | UK 2,5/2 - 3 - 4 - 10 - 16 - 20 | UK 4/2 - 3 - 4 - 10 |
| End Plate | | | | |
| | NPP / PYK 2,5 - 2 F | NPP / PYK 2,5 - 2 FK | NPP / PYK 2,5 - 2 FLD | NPP / PYK 4 - 2 F |
| End Bracket | | | | |
| | KD 3 - KD 4 - KD 7 | KD 3 - KD 4 - KD 7 | KD 3 - KD 4 - KD 7 | KD 3 - KD 4 - KD 7 |
| Group Marking | | | | |
| | GE - ME - ME 3 | GE - ME - ME 3 | GE - ME - ME 3 | GE - ME - ME 3 |
| Group Marking Carrier | | | | |
| | ETS 2 PYK 2,5 | ETS 2 PYK 2,5 | ETS 2 PYK 2,5 | ETS 2 PYK 4 |
| Marking Tags | | | | |
| | DB 10/5 - DG 10/5 - DG 10/5T 11.2 Marking Strip | DB 10/5 - DG 10/5 - DG 10/5T 11.2 Marking Strip | DB 10/5 - DG 10/5 - DG 10/5T 11.2 Marking Strip | DB 10/6 - DG 10/6 - DG 10/6T 11.2 Marking Strip |
| Mounting Rails | | | | |
| | MR 35 | MR 35 | MR 35 | MR 35 |

Multilevel
Practical Spring
Clamp

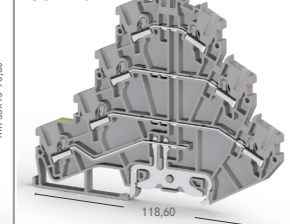
PYK 2,5 - 3 F
Width: 5 mm
307 199



PYK 2,5 - 2 FT
Width: 5 mm
307 189



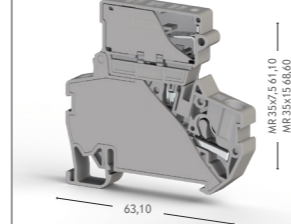
PYK 2,5 - 3 FT
Width: 5 mm
307 209



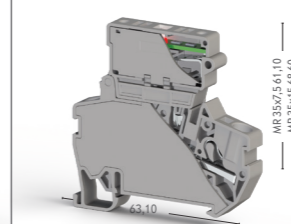
| | | | |
|---|--|--|--|
| Electrical Ratings | | | |
| CE (EN 60947-7-1 / 60947-7-2) UL / CSA ATEX | 500 V ~ / 24 A / 2,5 mm ² 300 V ~ / 20 A / AWG 22-12 500 V ~ / 20,5 A | 500 V ~ / 24 A / 2,5 mm ² 300 V ~ / 20 A / AWG 22-12 500 V ~ / 21 A | 500 V ~ / 24 A / 2,5 mm ² 300 V ~ / 20 A / AWG 22-12 400 V ~ / 20,5 A |
| Cross Connection | | | |
| | UK 2,5/2 - 3 - 4 - 10 - 16 - 20 | UK 2,5/2 - 3 - 4 - 10 - 16 - 20 | UK 2,5/2 - 3 - 4 - 10 - 16 - 20 |
| End Plate | | | |
| | NPP / PYK 2,5 - 2FT | NPP / PYK 2,5 - 2 FT | NPP / PYK 2,5 - 3 FT |
| Test PYK | | | |
| | PYK Test | PYK Test | PYK Test |
| End Bracket | | | |
| | KD 3 - KD 4 - KD 7 | KD 3 - KD 4 - KD 7 | KD 3 - KD 4 - KD 7 |
| Group Marking | | | |
| | GE - ME - ME 3 | GE - ME - ME 3 | GE - ME - ME 3 |
| Group Marking Carrier | | | |
| | ETS 3 PYK 2,5 | ETS 3 PYK 2,5 | ETS 3 PYK 2,5 |
| Marking Tags | | | |
| | DB 10/5 - DG 10/5 - DG 10/5T 11.2 Marking Strip | DB 10/5 - DG 10/5 - DG 10/5T 11.2 Marking Strip | DB 10/5 - DG 10/5 - DG 10/5T 11.2 Marking Strip |
| Mounting Rails | | | |
| | MR 35 | MR 35 | MR 35 |

Practical Spring
Clamp Fuse
Terminals

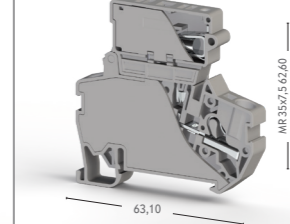
PYK 4 S
Width: 8 mm
307 249



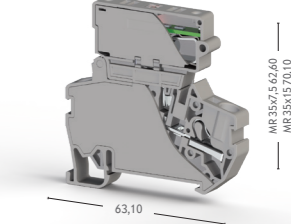
PYK 4 SLD
Width: 8 mm
307 259



PYK 4 I
Width: 8 mm
307 319



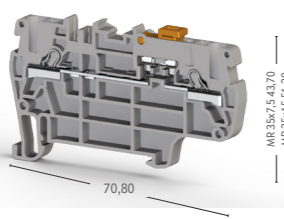
PYK 4 ILD
Width: 8 mm
307 329



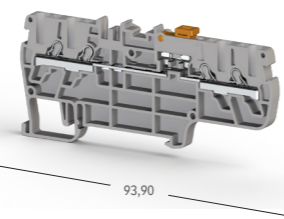
| | | | | |
|---------------------------|--|--|--|--|
| Electrical Ratings | | | | |
| CE (EN 60947-7-3) | 500 V ~ / 10 A / 4 mm ² 300 V ~ / 10 A / AWG 22-10 | 24 V ~ / 10 A / 4 mm ² 24 V ~ / 10 A / AWG 22-10 | 500 V ~ / 10 A / 4 mm ² 300 V ~ / 10 A / AWG 22-10 | 24 V ~ / 10 A / 4 mm ² 24 V ~ / 10 A / AWG 22-10 |
| Ordering Data | | | | |
| | 307 249 (5x20) 307 240 (5x20) 307 289 (5x25) 307 280 (5x25) | 307 259 (24V DC) 307 269 (220V AC) 307 299 (24V DC) 307 309 (220V AC) | | 307 329 (24V DC) 307 339 (220V AC) |
| Cross Connection | | | | |
| | UK 6 / 2-3-4-10 | UK 6 / 2-3-4-10 | UK 6 / 2-3-4-10 | UK 6 / 2-3-4-10 |
| End Bracket | | | | |
| | KD 3 - KD 4 - KD 7 | KD 3 - KD 4 - KD 7 | KD 3 - KD 4 - KD 7 | KD 3 - KD 4 - KD 7 |
| Fuse / Fuse Type | | | | |
| | G/5x20-5x25 | G/5x20-5x25 | G/6,35x31,75 | G/6,35x31,75 |
| Group Marking | | | | |
| | GE - ME - ME 3 | GE - ME - ME 3 | GE - ME - ME 3 | GE - ME - ME 3 |
| Marking Tags | | | | |
| | DB 5 - DG 6/5 - DG 10/8 | DB 5 - DG 6/5 - DG 10/8 | DB 5 - DG 6/5 - DG 10/8 | DB 5 - DG 6/5 - DG 10/8 |
| Mounting Rails | | | | |
| | MR 35 | MR 35 | MR 35 | MR 35 |

Practical Spring Clamp Disconnect Terminals

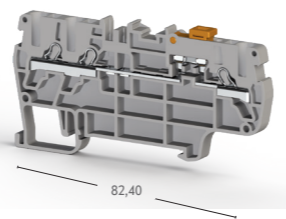
PYK 2,5 A
Width: 5 mm
307 169



PYK 2,5 CCA
Width: 5 mm
307 219



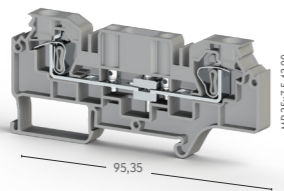
PYK 2,5 EA
Width: 5 mm
307 459



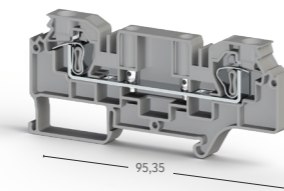
| | | | |
|--|--|--|--|
| Electrical Ratings CE (EN 60947-7-3) | 400 V ~ / 20 A / 2,5 mm ² 300 V ~ / 16 A / AWG 22-12 | 400 V ~ / 16 A / 2,5 mm ² 300 V ~ / 10 A / AWG 22-12 | 400 V ~ / 16 A / 2,5 mm ² |
| Cross Connection | UK 2,5/2 - 3 - 4 - 10 - 16 - 20 | UK 2,5/2 - 3 - 4 - 10 - 16 - 20 | UK 2,5/2 - 3 - 4 - 10 - 16 - 20 |
| End Plate | NPP / PYK 2,5 A | NPP / PYK 2,5 CCA | NPP / PYK 2,5 EA |
| Test PYK | PYK Test | PYK Test | PYK Test |
| End Bracket | KD 3 - KD 4 - KD 7 | KD 3 - KD 4 - KD 7 | KD 3 - KD 4 - KD 7 |
| Group Marking | ME - ME 3 | ME - ME 3 | ME - ME 3 |
| Marking Tags | DB 10/5 - DG 10/5 - DG 10/5T 11.2 Marking Strip | DB 10/5 - DG 10/5 - DG 10/5T 11.2 Marking Strip | DB 10/5 - DG 10/5 - DG 10/5T 11.2 Marking Strip |
| Mounting Rails | MR 35 | MR 35 | MR 35 |

Spring Type Test & Disconnect Terminals

WGO 5
Width: 8 mm
376 190



WGO D5
Width: 8 mm
376 290



| | | |
|---|-------------------------------------|------------------------------------|
| Electrical Ratings CE (EN 60947-7-1 / EN 60947-7-2) | 500 V ~ / 41 A / 16 mm ² | 500 V ~ / 41 A / 6 mm ² |
| End Plate | NPP / WGO 5 APP / WGO 5 | NPP / WGO 5 APP / WGO 5 |
| End Bracket | KD 3 - KD 4 - KD 7 | KD 3 - KD 4 - KD 7 |
| Cross Connection | UK 6 / 2-3-4-10 | UK 6 / 2-3-4-10 |
| Marking Tags | DG 10/8 - 11.2 Marking Strip | DG 10/8 - 11.2 Marking Strip |
| Mounting Rails | MR 35 | MR 35 |
| Test Plug | TF (Q4) | TF (Q4) |

COLOR ORDER NUMBERS

| | | | | | | | | | | |
|------------|-------|-------|-------|--------|-------|-------|-------|--------|-------|-------|
| Color | Beige | Blue | Green | Yellow | Red | Black | White | Orange | Brown | Grey |
| PYK Series |0 |1 |2 |3 |4 |5 |6 |7 |8 |9 |

* Color code is the last digit of the order number

01 Cross Connectors (Push-in Type)

| Cat. No. | Type | | Pole |
|----------|-----------|--|------|
| 476 602 | UK 1,5/2 | PYK 1,5 M / 1,5 ME / 1,5 MC | 2 |
| 476 603 | UK 1,5/3 | PYK 1,5 M / 1,5 ME / 1,5 MC | 3 |
| 476 604 | UK 1,5/4 | PYK 1,5 M / 1,5 ME / 1,5 MC | 4 |
| 476 609 | UK 1,5/10 | PYK 1,5 M / 1,5 ME / 1,5 MC | 10 |
| 476 222 | UK 2,5/2 | PYK 2,5 / 2,5E / 2,5C / 2,5FK / 2,5-2F / 2,5-2FLD / 2,5-M2 FT / 2,5-M2 F / 3F / 3FT / EA / A / CCA | 2 |
| 476 223 | UK 2,5/3 | PYK 2,5 / 2,5E / 2,5C / 2,5FK / 2,5-2F / 2,5-2FLD / 2,5-M2 FT / 2,5-M2 F / 3F / 3FT / EA / A / CCA | 3 |
| 476 224 | UK 2,5/4 | PYK 2,5 / 2,5E / 2,5C / 2,5FK / 2,5-2F / 2,5-2FLD / 2,5-M2 FT / 2,5-M2 F / 3F / 3FT / EA / A / CCA | 4 |
| 476 229 | UK 2,5/10 | PYK 2,5 / 2,5E / 2,5C / 2,5FK / 2,5-2F / 2,5-2FLD / 2,5-M2 FT / 2,5-M2 F / 3F / 3FT / EA / A / CCA | 10 |
| 474 260 | UK 2,5/16 | PYK 2,5 / 2,5E / 2,5C / 2,5FK / 2,5-2F / 2,5-2FLD / 2,5-M2 FT / 2,5-M2 F / 3F / 3FT / EA / A / CCA | 10 |
| 474 200 | UK 2,5/20 | PYK 2,5 / 2,5E / 2,5C / 2,5FK / 2,5-2F / 2,5-2FLD / 2,5-M2 FT / 2,5-M2 F / 3F / 3FT / EA / A / CCA | 10 |
| 476 232 | UK 4/2 | PYK 4 / 4E / 4-2FN | 2 |
| 476 233 | UK 4/3 | PYK 4 / 4E / 4-2FN | 3 |
| 476 234 | UK 4/4 | PYK 4 / 4E / 4-2FN | 4 |
| 476 239 | UK 4/10 | PYK 4 / 4E / 4-2FN | 10 |
| 476 242 | UK 6/2 | PYK 6 / 4 S / 4 SLD / 4 I / 4 ILD / WGO 5 / WGO D5 | 2 |
| 476 243 | UK 6/3 | PYK 6 / 4 S / 4 SLD / 4 I / 4 ILD / WGO 5 / WGO D5 | 3 |
| 476 244 | UK 6/4 | PYK 6 / 4 S / 4 SLD / 4 I / 4 ILD / WGO 5 / WGO D5 | 4 |
| 476 249 | UK 6/10 | PYK 6 / 4 S / 4 SLD / 4 I / 4 ILD / WGO 5 / WGO D5 | 10 |
| 476 252 | UK 10/2 | PYK 10 | 2 |
| 476 253 | UK 10/3 | PYK 10 | 3 |
| 476 254 | UK 10/4 | PYK 10 | 4 |
| 476 259 | UK 10/10 | PYK 10 | 10 |
| 470 142 | CS 16/2 | PYK 16 | 2 |
| 470 143 | CS 16/3 | PYK 16 | 3 |
| 470 144 | CS 16/4 | PYK 16 | 4 |
| 470 145 | CS 10/5 | PYK 16 | 5 |

02 End Plates

| | | | |
|----------|-----|--------------|--------------------------|
| 446 639 | NPP | Grey | PYK 1,5 M |
| 446 630 | NPP | Beige | PYK 1,5 M |
| 446 649 | NPP | Grey | PYK 1,5 ME |
| 446 640 | NPP | Beige | PYK 1,5 ME |
| 446 659 | NPP | Grey | PYK 1,5 MC |
| 446 650 | NPP | Beige | PYK 1,5 MC |
| 446 632T | NPP | Yellow-Green | PYK 1,5 MT |
| 446 642T | NPP | Yellow-Green | PYK 1,5 MET |
| 446 652T | NPP | Yellow-Green | PYK 1,5 MCT |
| 446 449 | NPP | Grey | PYK 2,5 |
| 446 440 | NPP | Beige | PYK 2,5 |
| 446 442T | NPP | Yellow-Green | PYK 2,5T |
| 446 619 | NPP | Grey | PYK 2,5 E |
| 446 610 | NPP | Beige | PYK 2,5 E |
| 446 612T | NPP | Yellow-Green | PYK 2,5 ET |
| 446 629 | NPP | Grey | PYK 2,5 EA |
| 446 620 | NPP | Beige | PYK 2,5 EA |
| 446 499 | NPP | Grey | PYK 2,5 C |
| 446 490 | NPP | Beige | PYK 2,5 C |
| 446 492T | NPP | Yellow-Green | PYK 2,5 CT |
| 446 589 | NPP | Grey | PYKM 2,5 / PYKMR 2,5 |
| 446 580 | NPP | Beige | PYKM 2,5 / PYKMR 2,5 |
| 446 519 | NPP | Grey | PYK 2,5 - 2 F |
| 446 510 | NPP | Beige | PYK 2,5 - 2 F |
| 446 529 | NPP | Grey | PYK 2,5 - 2FT / 2,5 - 3F |
| 446 520 | NPP | Beige | PYK 2,5 - 2FT / 2,5 - 3F |

Push-in Type Series Terminals Accessories

02 End Plates

| Cat. No. | Type | Color | |
|----------|------|--------------|------------------------|
| 450 429 | NPP | Grey | PYK 2,5 - M2 FT |
| 450 420 | NPP | Beige | PYK 2,5 - M2 FT |
| 450 439 | NPP | Grey | PYK 2,5 - M2 F |
| 450 430 | Npp | Beige | PYK 2,5 - M2 F |
| 446 519 | NPP | Grey | PYK 2,5 - 2 FK - 2 FLD |
| 446 510 | NPP | Beige | PYK 2,5 - 2 FK - 2 FLD |
| 446 539 | NPP | Grey | PYK 2,5 - 3FT |
| 446 530 | NPP | Beige | PYK 2,5 - 3FT |
| 446 509 | NPP | Grey | PYK 2,5 A |
| 446 500 | NPP | Beige | PYK 2,5 A |
| 446 549 | NPP | Grey | PYK 2,5 CCA |
| 446 540 | NPP | Beige | PYK 2,5 CCA |
| 446 459 | NPP | Grey | PYK 4 |
| 446 450 | NPP | Beige | PYK 4 |
| 446 452T | NPP | Yellow-Green | PYK 4 T |
| 446 559 | NPP | Grey | PYK 4 E |
| 446 550 | NPP | Beige | PYK 4 E |
| 446 552T | NPP | Yellow-Green | PYK 4 ET |
| 446 669 | NPP | Grey | PYK 4 - 2 FN |
| 446 660 | NPP | Beige | PYK 4 - 2 FN |
| 446 469 | NPP | Grey | PYK 6 |
| 446 460 | NPP | Beige | PYK 6 |
| 446 462T | NPP | Yellow-Green | PYK 6 T |
| 446 479 | NPP | Grey | PYK 10 |
| 446 470 | NPP | Beige | PYK 10 |
| 446 472T | NPP | Yellow-Green | PYK 10 T |
| 450 419 | NPP | Grey | PYK 16 |
| 450 410 | NPP | Beige | PYK 16 |
| 450 412T | NPP | Yellow-Green | PYK 16 T |
| 450 359 | NPP | Grey | WGO 5 / D5 |
| 450 350 | NPP | Beige | WGO 5 / D5 |

03 End Brackets

| Cat. No. | Type | Color | |
|----------|------|-------|-------|
| 495 040 | KD 3 | Beige | MR 35 |
| 495 049 | KD 3 | Grey | MR 35 |
| 495 050 | KD 4 | Beige | MR 35 |
| 495 059 | KD 4 | Grey | MR 35 |
| 495 069 | KD 5 | Grey | MR 15 |
| 495 210 | KD 7 | Beige | MR 35 |
| 495 219 | KD 7 | Grey | MR 35 |

04 Group Marking

| Cat. No. | Type | Color | |
|----------|----------|-------------|---------------------------|
| 496 110 | GE | Beige | MR 32 / MR 35 |
| 496 119 | GE | Grey | MR 32 / MR 35 |
| 496 259 | GE 2 | White | AVK 2,5-10 / RD - 4 RD |
| 496 255 | GE 3 | White | AVK 16-35 / 16 RD - 35 RD |
| 496 12A | ME 1 - 1 | Transparent | with KD 4 |
| 496 13A | ME 1 - 2 | Transparent | with KD 4 |
| 496 14A | ME 2 - 2 | Transparent | with KD 4 |
| 496 300 | ME 3 | Transparent | with KD 7 |

05 Mounting Rails



| | | | |
|---------|-------|----------|-------|
| 500 610 | MR 15 | 15 x 5,5 | 1 m |
| 500 611 | MR 15 | 15 x 5,5 | 1 m |
| 500 612 | MR 15 | 15 x 5,5 | 1 m |
| 500 613 | MR 15 | 15 x 5,5 | 2 m |
| 500 601 | MR 35 | 35 x 7,5 | 1 m |
| 500 602 | MR 35 | 35 x 7,5 | 1 m |
| 500 603 | MR 35 | 35 x 7,5 | 2 m |
| 500 604 | MR 35 | 35 x 7,5 | 2 m |
| 500 605 | MR 35 | 35 x 7,5 | 30 cm |
| 500 606 | MR 35 | 35 x 15 | 1 m |
| 500 607 | MR 35 | 35 x 15 | 1 m |
| 500 608 | MR 35 | 35 x 15 | 2 m |
| 500 609 | MR 35 | 35 x 15 | 2 m |

06 PYK Test



| | | |
|---------|-------|-----------|
| 498 550 | Beige | PYK Test |
| 498 559 | Grey | PYK Test |
| 498 650 | Beige | PYK TestA |
| 498 659 | Grey | PYK TestA |

07 Group Marking Carrier



| | |
|---------|---------------|
| 498 219 | ETS 2 PYK 2,5 |
| 498 229 | ETS 3 PYK 2,5 |
| 498 239 | ETS 2 PYK 4 |

Electrical Ratings

| | | |
|-------------------|--------------------------------------|--------------------------------------|
| CE (EN 60947-7-1) | 250 V ~ / 24 A / 2,5 mm ² | 250 V ~ / 24 A / 2,5 mm ² |
| CE (EN 60947-7-2) | | |

Cross Connection

| | |
|---------------------------------|---------------------------------|
| UK 2,5/2 - 3 - 4 - 10 - 16 - 20 | UK 2,5/2 - 3 - 4 - 10 - 16 - 20 |
|---------------------------------|---------------------------------|

End Plate

| | |
|----------------------|--------------------|
| NPP / PYK 2,5 - M2FT | NPP / PYK 2,5 - MF |
|----------------------|--------------------|

End Bracket

| | |
|--------------------|--------------------|
| KD 3 - KD 4 - KD 7 | KD 3 - KD 4 - KD 7 |
|--------------------|--------------------|

Marking Tags

| | |
|------------------------------|--------------------|
| DB 10/5 - DG 10/5 - DG 10/5T | DG 6/5 - DB 5 |
| 11.2 Marking Strip | 11.2 Marking Strip |

Mounting Rails

| | |
|-------|-------|
| MR 35 | MR 35 |
|-------|-------|

Push-in Type Series Terminals Accessories

08 Marking Strip



| | |
|----------|-------------------------|
| 1020 100 | Marking Strip - 11,2 mm |
|----------|-------------------------|

09 Labeling



| | |
|---------|-----------|
| 505 310 | DG 10/5 |
| 505 380 | DG 10/5T |
| 505 320 | DG 10/6 |
| 505 390 | DG 10/6T |
| 505 330 | DG 6/5 |
| 505 410 | DG 10/8 |
| 505 430 | DG 10/10 |
| 503 000 | DB 4 |
| 505 850 | DB 5 |
| 502 000 | DB 6/4 |
| 505 910 | DB 10/5 |
| 505 915 | DB 10/6 |
| 505 920 | DB 10/6,5 |

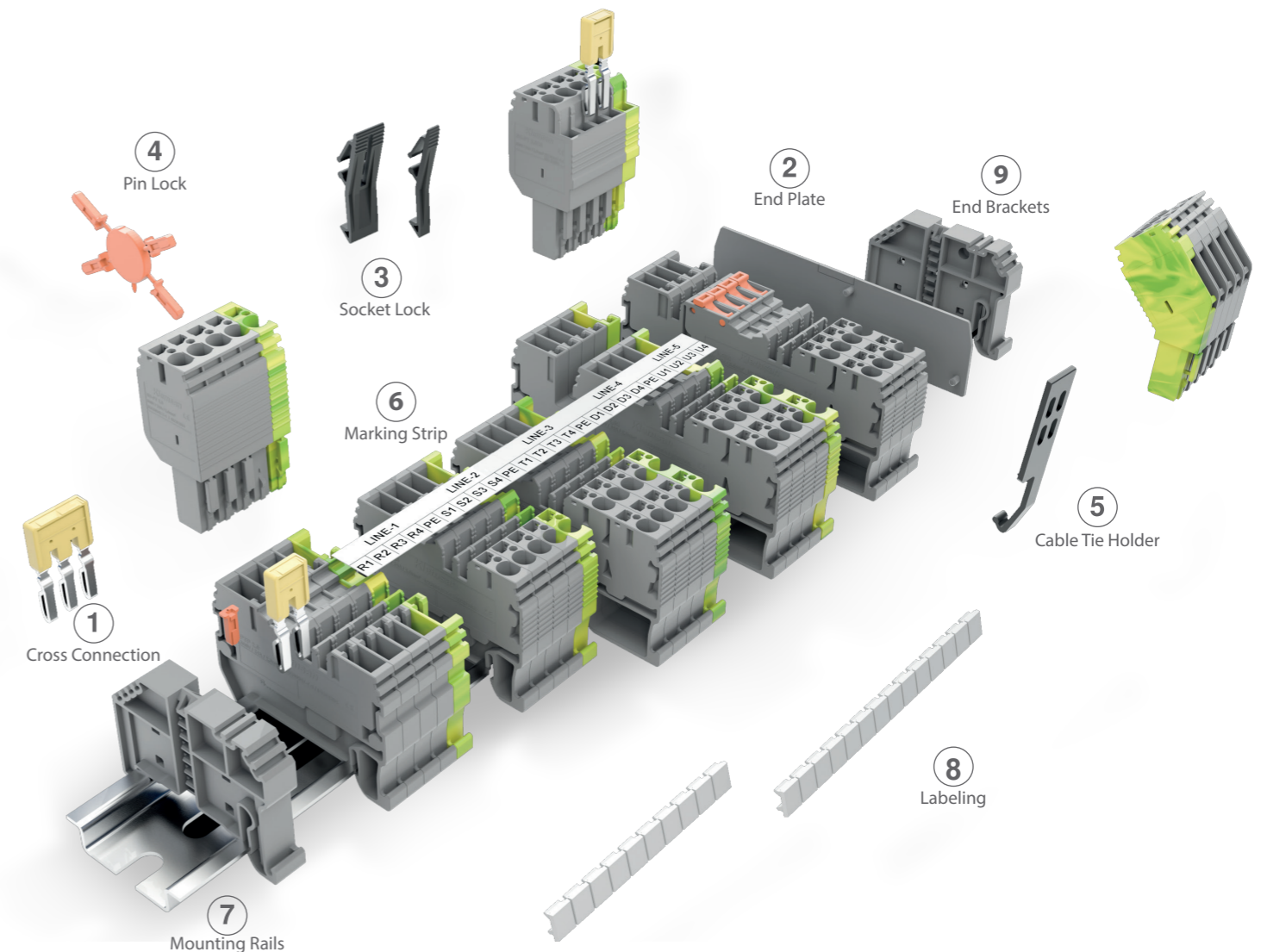


PYK Test
498 559

Suitable for

| | |
|---------|-------------|
| 307 109 | PYK 2,5 |
| 307 119 | PYK 4 |
| 307 229 | PYK 4 E |
| 307 669 | PYK 4 C |
| 307 169 | PYK 2,5 A |
| 307 459 | PYK 2,5 EA |
| 307 219 | PYK 2,5 CCA |
| 307 289 | PYK 2,5 C |
| 307 439 | PYK 2,5 E |
| 307 129 | PYK 6 |
| 307 639 | PYK 6 E |
| 307 649 | PYK 6 C |

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, can be used with PYK 2,5 terminals. When plates are added to Test terminals, they can be used with PYK 4 and AVK 4 RD terminals. Without plates, they can be used with PYK 2,5 - PYK 4 - PYK 6 and AVK 2,5 RD terminals.



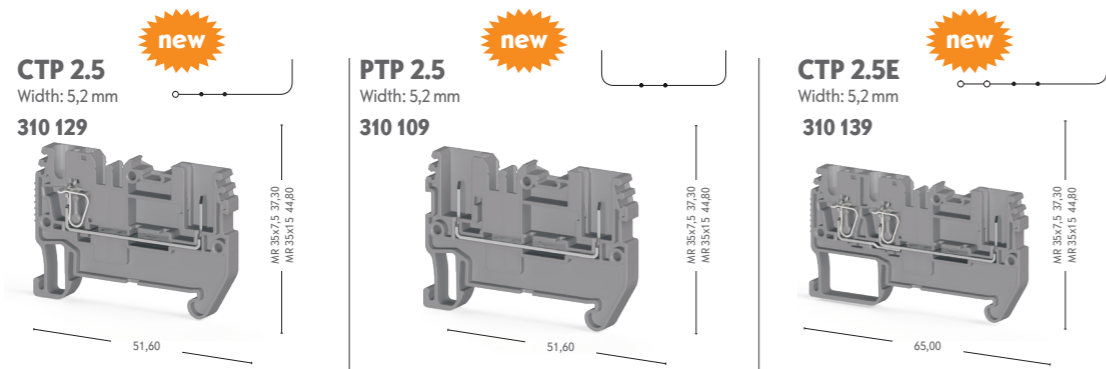
Stop Spring to Pin

Klemsan StoP terminal blocks are highly recommended for LIFT / ELEVATOR INDUSTRY applications; also for RAILWAY TRANSPORTATION and MARINE INDUSTRIES as well.

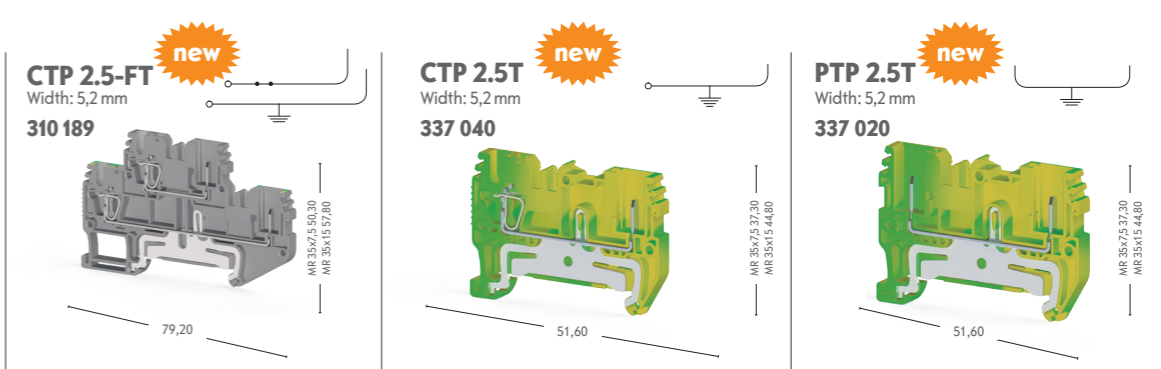
By using our brand new series Klemsan StoP Terminal Blocks, you can easily build your signal or power circuits with plugs and sockets.

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.

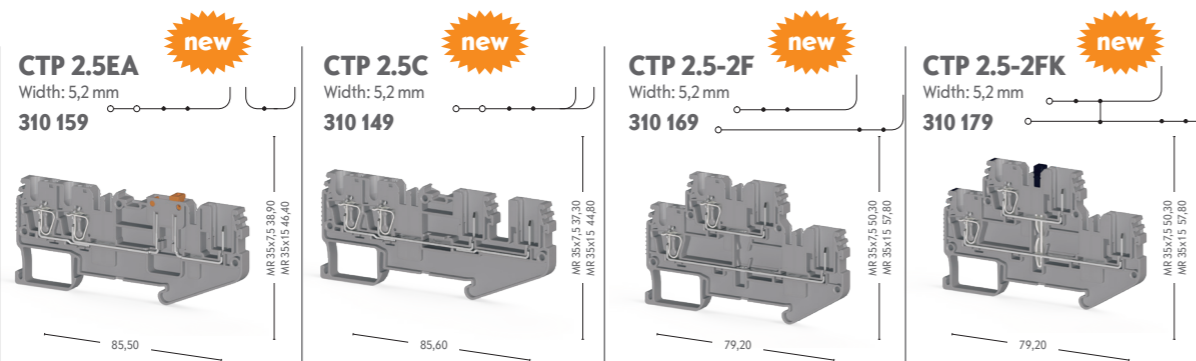
- By using pin locks, user can match the right plugs and sockets. This prevents misconnection.
- Plugs and sockets can be purchased separately to make customized sets.
- Same cross-connectors can be used for both terminals and sockets.
- User can use either strip labels or marking tags for the proper marking of the terminal block set.



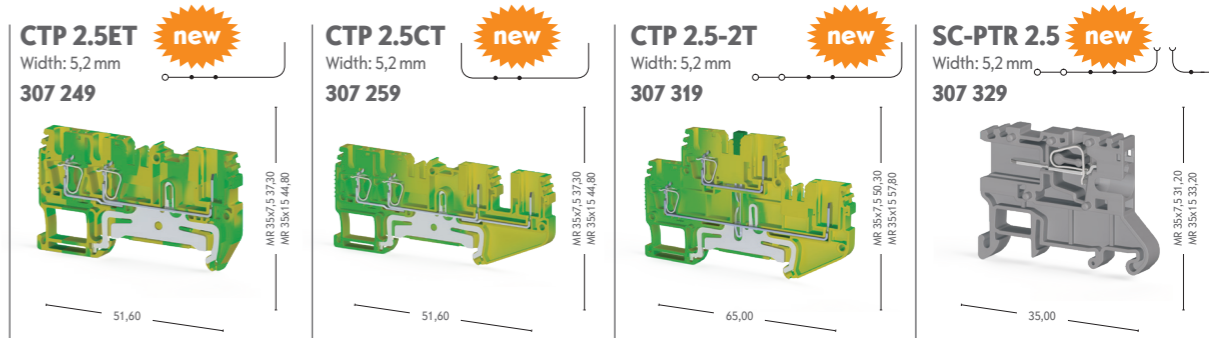
| Electrical Ratings | CTP 2.5 Width: 5,2 mm 310 129 | PTP 2.5 Width: 5,2 mm 310 109 | CTP 2.5E Width: 5,2 mm 310 139 |
|------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| CE (IEC 61984-IEC-60947-7-1) | 500 V ~ / 24 A / 2,5 mm ² | 500 V ~ / 24 A / 2,5 mm ² | 500 V ~ / 24 A / 2,5 mm ² |
| Cross Connection | CS 2,5 / 2-3-4-10 | CS 2,5 / 2-3-4-10 | CS 2,5 / 2-3-4-10 |
| End Plate | NPP / CTP 2,5 | NPP / PTP 2,5 | NPP / CTP 2,5E |
| Seperation Plates | APP / SRD CTP 2.5 | APP / SRD CTP 2.5 | APP / CTP 2.5E |
| End Bracket | KD 3 - KD 4 | KD 3 - KD 4 | KD 3 - KD 4 |
| Marking Tags | DG 6/5 11.2 Marking Strip | DG 6/5 11.2 Marking Strip | DG 6/5 11.2 Marking Strip |
| Mounting Rails | MR 35 | MR 35 | MR 35 |



| Electrical Ratings | CTP 2.5-FT Width: 5,2 mm 310 189 | CTP 2.5T Width: 5,2 mm 337 040 | PTP 2.5T Width: 5,2 mm 337 020 |
|------------------------------|--|--------------------------------------|--------------------------------------|
| CE (IEC 61984-IEC-60947-7-1) | 500 V ~ / 24 A / 2,5 mm ² | - V ~ / - A / 2,5 mm ² | - V ~ / - A / 2,5 mm ² |
| Cross Connection | CS 2,5 / 2-3-4-10 | | |
| End Plate | NPP / CTP 2,5-2FT | NPP / CTP 2,5T | NPP / PTP 2,5T |
| Seperation Plates | APP / SRD 2.5 - 2F | | |
| End Bracket | KD 3 - KD 4 | KD 3 - KD 4 | KD 3 - KD 4 |
| Marking Tags | DG 6/5 | DG 6/5 11.2 Marking Strip | DG 6/5 11.2 Marking Strip |
| Mounting Rails | MR 35 | MR 35 | MR 35 |



| Electrical Ratings | CTP 2.5EA Width: 5,2 mm 310 159 | CTP 2.5C Width: 5,2 mm 310 149 | CTP 2.5-2F Width: 5,2 mm 310 169 | CTP 2.5-2FK Width: 5,2 mm 310 179 |
|------------------------------|---------------------------------------|--------------------------------------|--|---|
| CE (IEC 61984-IEC-60947-7-1) | 500 V ~ / 24 A / 2,5 mm ² | 500 V ~ / 24 A / 2,5 mm ² | 500 V ~ / 24 A / 2,5 mm ² | 500 V ~ / 24 A / 2,5 mm ² |
| Cross Connection | CS 2,5 / 2-3-4-10 | CS 2,5 / 2-3-4-10 | CS 2,5 / 2-3-4-10 | CS 2,5 / 2-3-4-10 SRD K2,5 |
| End Plate | NPP / CTP 2,5EA | NPP / CTP 2,5C | NPP / CTP 2,5-2F | NPP / CTP 2,5-2FK |
| Seperation Plates | APP / CTP 2.5E | APP / CTP 2.5E | APP / SRD CTP 2.5-2F | APP / SRD CTP 2.5-2F |
| End Bracket | KD 3 - KD 4 | KD 3 - KD 4 | KD 3 - KD 4 | KD 3 - KD 4 |
| Marking Tags | DG 6/5 11.2 Marking Strip | DG 6/5 11.2 Marking Strip | DG 6/5 | DG 6/5 |
| Mounting Rails | MR 35 | MR 35 | MR 35 | MR 35 |



| Electrical Ratings | CTP 2.5ET Width: 5,2 mm 307 249 | CTP 2.5CT Width: 5,2 mm 307 259 | CTP 2.5-2T Width: 5,2 mm 307 319 | SC-PTR 2.5 Width: 5,2 mm 307 329 |
|------------------------------|---------------------------------------|---------------------------------------|--|--|
| CE (IEC 61984-IEC-60947-7-1) | - V ~ / - A / 2,5 mm ² | - V ~ / - A / 2,5 mm ² | - V ~ / - A / 2,5 mm ² | 500 V ~ / 20 A / 2,5 mm ² |
| End Plate | NPP / CTP 2,5ET | NPP / CTP 2,5CT | NPP / CTP 2,5-2T | NPP / SC-PT 2,5 |
| End Bracket | KD 3 - KD 4 | KD 3 - KD 4 | KD 3 - KD 4 | KD 3 - KD 4 |
| Marking Tags | DG 6/5 11.2 Marking Strip | DG 6/5 11.2 Marking Strip | DG 6/5 | DG 6/5 |
| Mounting Rails | MR 35 | MR 35 | MR 35 | MR 35 - MR 15 |

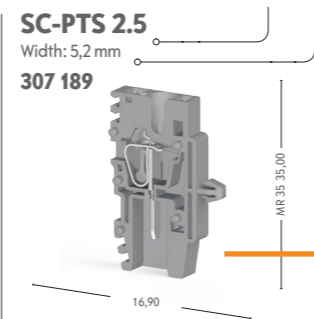
COLOR

Color Codes

| Blue | Green | Yellow | Red | Black | White | Orange |
|------|-------|--------|-----|-------|-------|--------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |

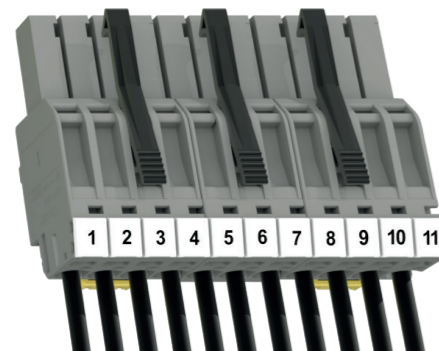
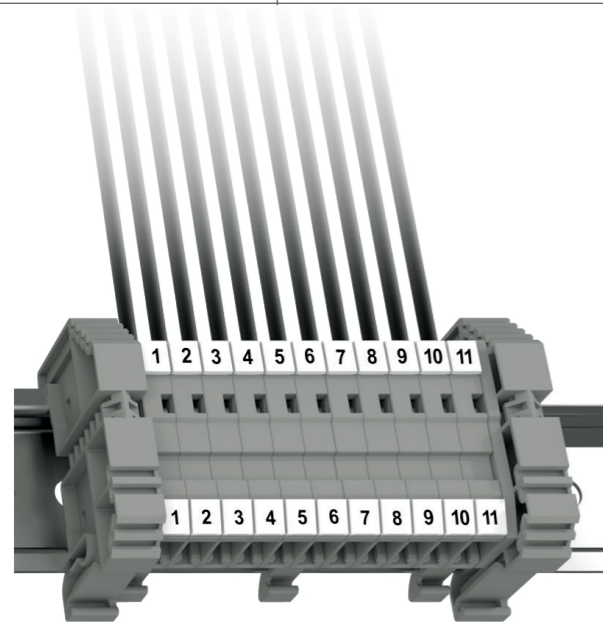


new



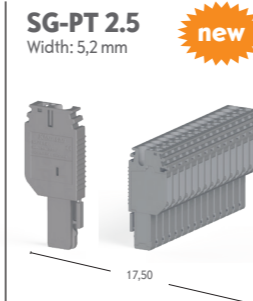
new

| | | |
|---|--------------------------------------|--------------------------------------|
| Electrical Ratings CE (IEC 61984-IEC-60947-7-1) | 500 V ~ / 24 A / 2,5 mm ² | 500 V ~ / 24 A / 2,5 mm ² |
| End Plate | NPP / SC-PT 2,5 | NPP / SC-PT 2,5 |
| Marking Tags | DG 6/5 | DG 6/5 |



Airborne Connection

Airborne connection terminals can be used for making quick and safe connections inside the panels or installation ducts.



new



new



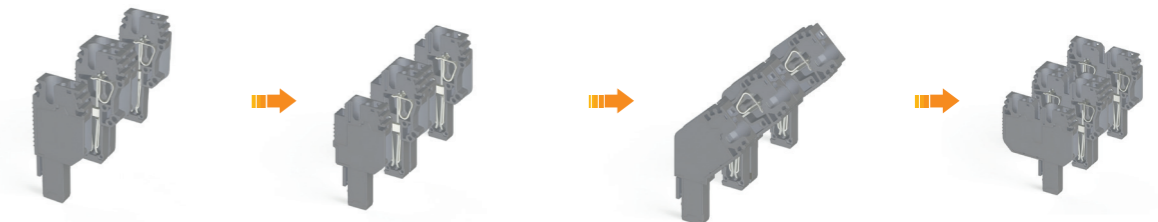
new



new

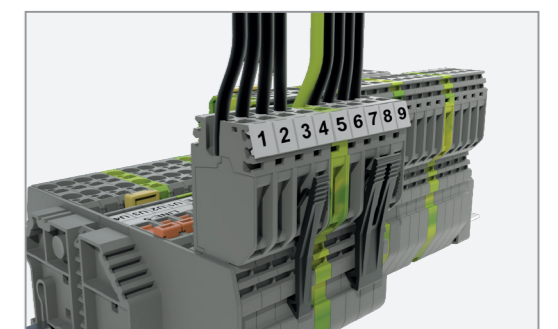
| Electrical Ratings | SG-PT 2.5 | | | SG-PT 2.5CS | | | SG-PT 2.5AN | | | SG-PT 2.5DB | | |
|------------------------------|--------------------------------------|-------------|--------------------|--------------------------------------|-------------|--------------------|--------------------------------------|-------------|--------------------|--------------------------------------|-------------|------|
| CE (IEC 61984-IEC-60947-7-1) | 500 V ~ / 24 A / 2,5 mm ² | | | 500 V ~ / 24 A / 2,5 mm ² | | | 500 V ~ / 24 A / 2,5 mm ² | | | 500 V ~ / 24 A / 2,5 mm ² | | |
| Cross Connection | | | | CS 2,5 / 2-3-4-10 | | | | | | CS 2,5 / 2-3-4-10 | | |
| Marking Tags | DG 6/5 | | | DG 6/5 | | | DG 6/5 | | | DG 6/5 | | |
| Ordering Data | Type | Cat. No. | Qty. | Type | Cat. No. | Qty. | Type | Cat. No. | Qty. | Type | Cat. No. | Qty. |
| SG-PT 2.5-1 | 310 209 | 50 | SG-PT 2.5CS-1 | 310 389 | 50 | SG-PT 2.5AN-1 | 310 749 | 50 | SG-PT 2.5DB-1 | 310 569 | 50 | |
| SG-PT 2.5-2 | 310 219 | 50 | SG-PT 2.5CS-2 | 310 399 | 50 | SG-PT 2.5AN-2 | 310 759 | 50 | SG-PT 2.5DB-2 | 310 579 | 50 | |
| SG-PT 2.5-3 | 310 229 | 50 | SG-PT 2.5CS-3 | 310 409 | 50 | SG-PT 2.5AN-3 | 310 769 | 50 | SG-PT 2.5DB-3 | 310 589 | 50 | |
| SG-PT 2.5-4 | 310 239 | 50 | SG-PT 2.5CS-4 | 310 419 | 50 | SG-PT 2.5AN-4 | 310 779 | 50 | SG-PT 2.5DB-4 | 310 599 | 50 | |
| SG-PT 2.5-5 | 310 249 | 50 | SG-PT 2.5CS-5 | 310 429 | 50 | SG-PT 2.5AN-5 | 310 789 | 50 | SG-PT 2.5DB-5 | 310 609 | 50 | |
| SG-PT 2.5-6 | 310 259 | 25 | SG-PT 2.5CS-6 | 310 439 | 25 | SG-PT 2.5AN-6 | 310 799 | 25 | SG-PT 2.5DB-6 | 310 619 | 25 | |
| SG-PT 2.5-7 | 310 269 | 25 | SG-PT 2.5CS-7 | 310 449 | 25 | SG-PT 2.5AN-7 | 310 809 | 25 | SG-PT 2.5DB-7 | 310 629 | 25 | |
| SG-PT 2.5-8 | 310 279 | 25 | SG-PT 2.5CS-8 | 310 459 | 25 | SG-PT 2.5AN-8 | 310 819 | 25 | SG-PT 2.5DB-8 | 310 639 | 25 | |
| SG-PT 2.5-9 | 310 289 | 25 | SG-PT 2.5CS-9 | 310 469 | 25 | SG-PT 2.5AN-9 | 310 829 | 25 | SG-PT 2.5DB-9 | 310 649 | 25 | |
| SG-PT 2.5-10 | 310 299 | 25 | SG-PT 2.5CS-10 | 310 479 | 25 | SG-PT 2.5AN-10 | 310 839 | 25 | SG-PT 2.5DB-10 | 310 659 | 25 | |
| SG-PT 2.5-11 | 310 309 | 10 | SG-PT 2.5CS-11 | 310 489 | 10 | SG-PT 2.5AN-11 | 310 849 | 10 | SG-PT 2.5DB-11 | 310 669 | 10 | |
| SG-PT 2.5-12 | 310 319 | 10 | SG-PT 2.5CS-12 | 310 499 | 10 | SG-PT 2.5AN-12 | 310 859 | 10 | SG-PT 2.5DB-12 | 310 679 | 10 | |
| SG-PT 2.5-13 | 310 329 | 10 | SG-PT 2.5CS-13 | 310 509 | 10 | SG-PT 2.5AN-13 | 310 869 | 10 | SG-PT 2.5DB-13 | 310 689 | 10 | |
| SG-PT 2.5-14 | 310 339 | 10 | SG-PT 2.5CS-14 | 310 519 | 10 | SG-PT 2.5AN-14 | 310 879 | 10 | SG-PT 2.5DB-14 | 310 699 | 10 | |
| SG-PT 2.5-15 | 310 349 | 10 | SG-PT 2.5CS-15 | 310 529 | 10 | SG-PT 2.5AN-15 | 310 889 | 10 | SG-PT 2.5DB-15 | 310 709 | 10 | |
| Other Types | Cat. No. | Qty. | Other Types | Cat. No. | Qty. | Other Types | Cat. No. | Qty. | Other Types | Cat. No. | Qty. | |
| SG-PT 2.5-1 | 310 202T | 50 | SG-PT 2.5CS-1 | 310 382T | 50 | SG-PT 2.5AN-1 | 310 742T | 50 | SG-PT 2.5DB-1 | 310 562T | 50 | |
| SG-PT 2.5-1L | 310 359 | 10 | SG-PT 2.5CS-1L | 310 539 | 10 | SG-PT 2.5AN-1L | 310 899 | 10 | SG-PT 2.5DB-1L | 310 719 | 10 | |
| SG-PT 2.5G-1M | 310 369 | 10 | SG-PT 2.5GCS-1M | 310 449 | 10 | SG-PT 2.5GAN-1M | 310 909 | 10 | SG-PT 2.5GDB-1M | 310 729 | 10 | |
| SG-PT 2.5G-1R | 310 379 | 10 | SG-PT 2.5GCS-1R | 310 559 | 10 | SG-PT 2.5GAN-1R | 310 919 | 10 | SG-PT 2.5GDB-1R | 310 739 | 10 | |

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.



Cable Tie Mount

You can use a cable tie to hold all cables together assembled to the socket by using cable tie mount.



Socket Locks

Extra optional locks prevent your circuits from excessive vibrations. Sockets can be removed from terminals by simply pushing the clip upwards.

01 Cross Connectors (Push-in Type)

| Cat. No. | Type | | Pole |
|----------|-----------|--|------|
| 470 102 | CS 2,5/2 | | 2 |
| 470 103 | CS 2,5/3 | CTP 2,5 / PTP 2,5 / CTP 2,5 E / CTP 2,5EA / CTP 2,5C / CTP 2,5-2F / CTP 2,5-2FK / CTP 2,5-2FT / SG-PT 2,5CS 1...15 / SG-PT 2,5DB 1...15 / SG-PT 2,5CS-1L / SG-PT 2,5GCS-1M / SG-PT 2,5GCS-1R | 3 |
| 470 104 | CS 2,5/4 | | 4 |
| 470 105 | CS 2,5/5 | | 5 |
| 470 109 | CS 2,5/10 | | 10 |
| 470 201 | SRD K 2,5 | CTP 2,5-2F / CTP 2,5-FT | 1 |
| 470 202 | SRD K 2,5 | CTP 2,5-2F / CTP 2,5-FT | 1 |



02 End Plates

| | | | |
|----------|-----|--------------|---------------------------------------|
| 451 059 | NPP | Grey | CTP 2,5 / PTP 2,5 |
| 451 089 | NPP | Grey | CTP 2,5E |
| 451 099 | NPP | Grey | CTP 2,5EA / CTP 2,5C |
| 451 079 | NPP | Grey | CTP 2,5-2F / CTP 2,5-2FK / CTP 2,5-FT |
| 451 052T | NPP | Yellow-Green | CTP 2,5 T / PTP 2,5T |
| 451 082T | NPP | Yellow-Green | CTP 2,5-ET |
| 451 092T | NPP | Yellow-Green | CTP 2,5-CT |
| 451 072T | NPP | Yellow-Green | CTP 2,5-2T |
| 451 119 | NPP | Grey | SC-PT 2,5 |

04 Pin Lock

| | | |
|---------|-------|--|
| 469 005 | SG-L | SG-PT 2.5 SG-PT 2.5CS SG-PT 2.5AN SG-PT 2.5DB |
| 469 015 | SG-L2 | |
| 469 027 | SG-N | 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 |

03 Socket Lock

| | | |
|---------|-------|--|
| 469 005 | SG-L | SG-PT 2.5 SG-PT 2.5CS SG-PT 2.5AN SG-PT 2.5DB |
| 469 015 | SG-L2 | |



05 Cable Tie Holder

| | | |
|---------|------|--|
| 469 035 | SG-P | SG-PT 2.5 SG-PT 2.5CS SG-PT 2.5AN SG-PT 2.5DB |
|---------|------|--|



07 Mounting Rails

| | | | | |
|---------|-------|----------|-----|--|
| 500 601 | MR 15 | 35 x 7,5 | 1 m | 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 SC-PTR 2.5 |
| 500 602 | MR 15 | 35 x 7,5 | 1 m | |
| 500 606 | MR 15 | 35 x 15 | 1 m | |
| 500 607 | MR 15 | 35 x 15 | 1 m | |



06 Marking Strip

| | |
|----------|-------------------------|
| 1020 100 | Marking Strip - 11,2 mm |
|----------|-------------------------|



08 Labeling

| | |
|---------|--------|
| 505 330 | DG 6/5 |
|---------|--------|



10 Test Plug

| | | |
|---------|------|---|
| 493 020 | TF02 | 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 |
|---------|------|---|



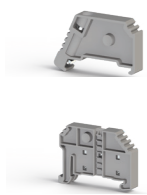
11 Screwdriver

| | | |
|---------|-----|------------------------------------|
| 560 010 | KT1 | Compatible with all StoP products. |
|---------|-----|------------------------------------|



09 End Brackets

| Cat. No. | Type | Color | DIN Rail |
|----------|------|-------|----------|
| 495 049 | KD 3 | Grey | MR 35 |
| 495 059 | KD 4 | Grey | MR 35 |

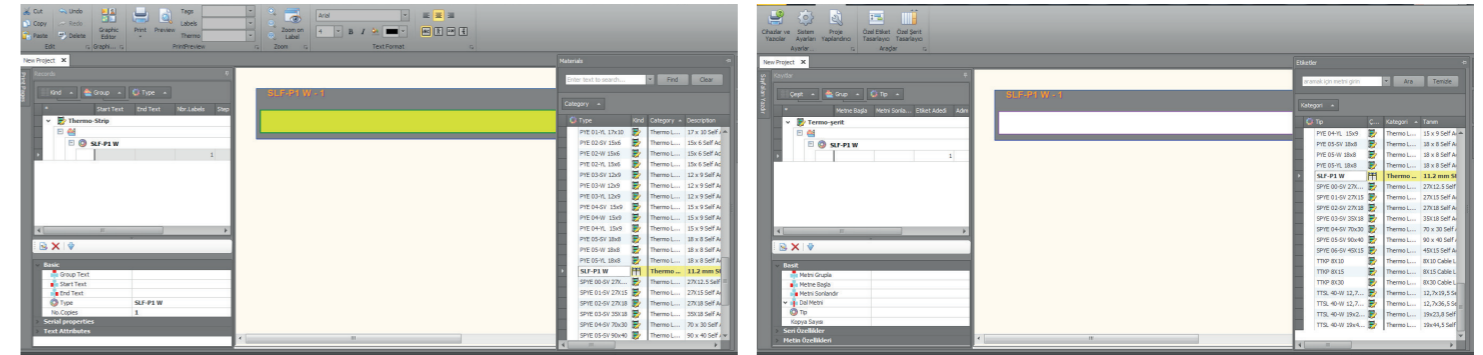
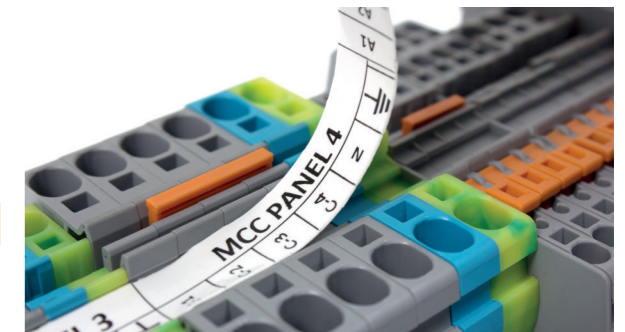


Klemark / Labeling with Thermal Printer

Klemark

Klemark-Klemsan new thermal printer is used for labeling practical spring clamp terminals (PYK). It provides serial and practical solution to the user, as well as high printing speed and resolution of 300 dpi. Marking strip printed on Thermal printer by using Klemark software, provides easy and fast solution to label each cross sections of Push-in Series terminal blocks.

| Cat. No. | Product | Resolution | Max. Width (mm) | Qty. |
|----------|-----------------------|------------|-----------------|------|
| 808 452 | KL-TX300 (No Display) | 300 dpi | 106 | 1 |



| Cat. No. | Product | Color | Width (mm) | Length (mm) | Qty. |
|----------|----------------|-------|------------|-------------|------|
| 1020 010 | Klemark Ribbon | Black | 30 | 300 | 1 |
| 1020 011 | Klemark Ribbon | Black | 50 | 300 | 1 |
| 1020 012 | Klemark Ribbon | Black | 110 | 300 | 1 |

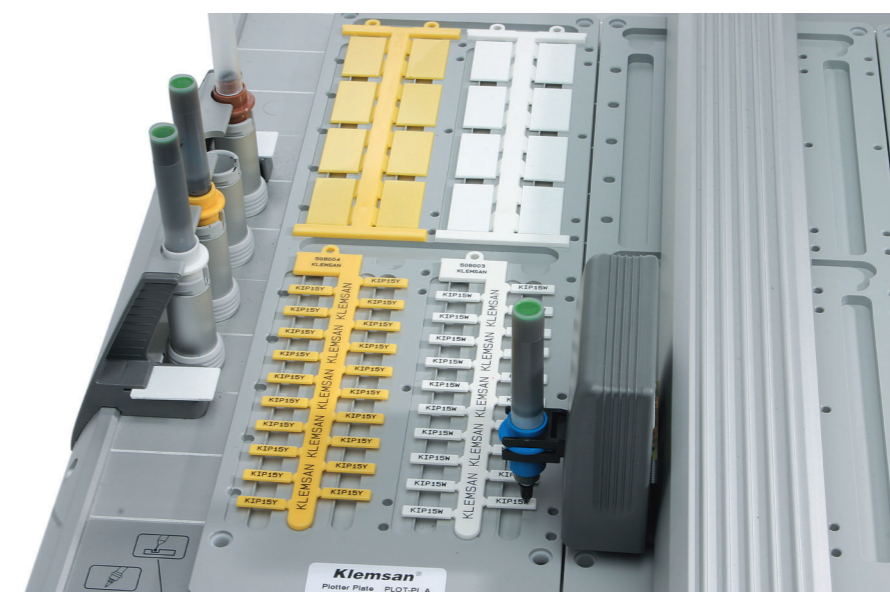


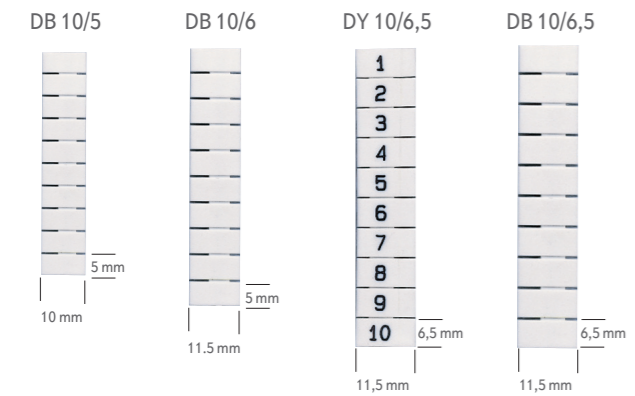
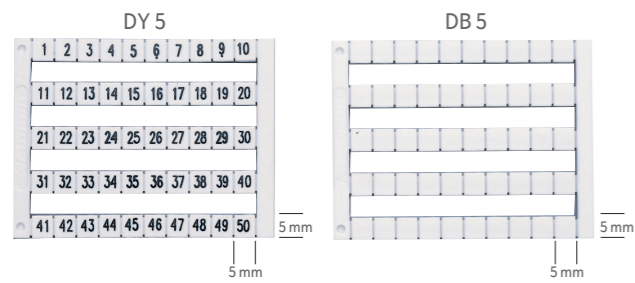
Klemark Software* was developed to easily design and print tags with the help of thermal printer.
* This software is given free of charge while buying Klemark Printer.

Pen Plotter System

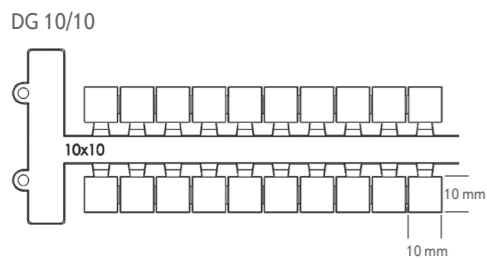
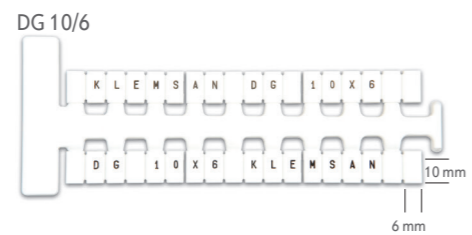
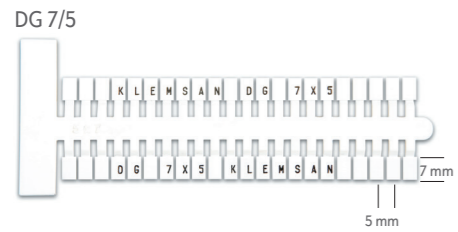
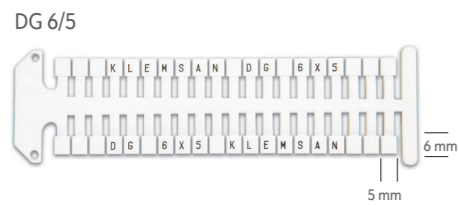
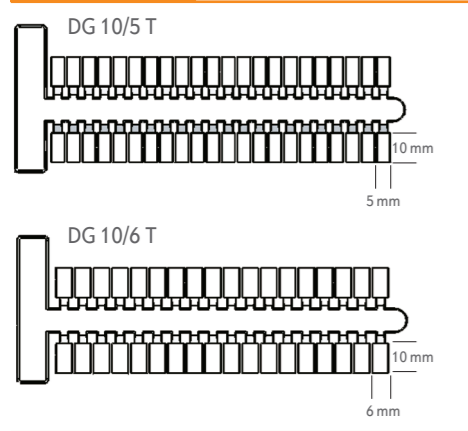
Pen Plotter System is the labeling system which consists of one plotter and PC. System enables to label various kinds of tags by specially developed software. User can follow up by looking at the monitor and choose the right tag to be written easily. Marking is done on the standard polycarbon made blank tags which are resistible to rough environment conditions (dust, dirt and oil), frictions and ageing. System has a user friendly simple program working with Windows Operating System, and allows to import data from other files, such as E-Plan and Excel files.

| Cat. No. | Product | Set of Items | Qty. |
|----------|-----------------------|--|------|
| 807 007 | KLM-PS (A4) Basic Set | Basic A4 Plotter / Hattat Software / A Type Support Plate / 0.35 mm Pen with Cartridge / 5x1 Cartridge | 1 |





T Series Dekafix



Marking Tags for Plotter

| Cat. No | Type | Description |
|---------|-----------|---------------|
| 505 850 | DB 5 | Without Print |
| 505 910 | DB 10/5 | Without Print |
| 505 915 | DB 10/6 | Without Print |
| 505 920 | DB 10/6,5 | Without Print |
| 505 330 | DG 6/5 | Without Print |
| 505 310 | DG 10/5 | Without Print |
| 505 320 | DG 10/6 | Without Print |
| 505 340 | DG 7/5 | Without Print |
| 505 380 | DG 10/5 T | Without Print |
| 505 390 | DG 10/6 T | Without Print |
| 505 410 | DG 10/8 | Without Print |
| 505 430 | DG 10/10 | Without Print |
| 508 511 | KOIP SM W | Without Print |

Marking Tags with Standart Print

| Cat. No | Type | Description |
|---------|-----------|-----------------------|
| 505 000 | DY 5 | 0 |
| 505 001 | DY 5 | 1 |
| 505 002 | DY 5 | 2 |
| 505 003 | DY 5 | 3 |
| 505 004 | DY 5 | 4 |
| 505 005 | DY 5 | 5 |
| 505 006 | DY 5 | 6 |
| 505 007 | DY 5 | 7 |
| 505 008 | DY 5 | 8 |
| 505 009 | DY 5 | 9 |
| 505 010 | DY 5 | 10 |
| 505 020 | DY 5 | 1-10 |
| 505 021 | DY 5 | 11-20 |
| 505 022 | DY 5 | 21-30 |
| 505 023 | DY 5 | 31-40 |
| 505 024 | DY 5 | 41-50 |
| 505 030 | DY 5 | 10, 20, 30, 100 |
| 505 040 | DY 5 | 1-50 |
| 505 041 | DY 5 | 51-100 |
| 505 042 | DY 5 | 101-150 |
| 505 043 | DY 5 | 151-200 |
| 505 044 | DY 5 | 201-250 |
| 505 045 | DY 5 | 251-300 |
| 505 046 | DY 5 | 301-350 |
| 505 047 | DY 5 | 351-400 |
| 505 048 | DY 5 | 401-450 |
| 505 049 | DY 5 | 451-500 |
| 505 050 | DY 5 | 501-550 |
| 505 051 | DY 5 | 551-600 |
| 505 052 | DY 5 | 601-650 |
| 505 053 | DY 5 | 651-700 |
| 505 054 | DY 5 | 701-750 |
| 505 055 | DY 5 | 751-800 |
| 505 056 | DY 5 | 801-850 |
| 505 057 | DY 5 | 851-900 |
| 505 058 | DY 5 | 901-950 |
| 505 059 | DY 5 | 951-999 |
| 505 060 | DY 5 | A |
| 505 061 | DY 5 | B |
| 505 062 | DY 5 | C |
| 505 063 | DY 5 | D |
| 505 064 | DY 5 | E |
| 505 065 | DY 5 | F |
| 505 066 | DY 5 | G |
| 505 067 | DY 5 | H |
| 505 068 | DY 5 | I |
| 505 069 | DY 5 | J |
| 505 070 | DY 5 | K |
| 505 071 | DY 5 | L |
| 505 072 | DY 5 | M |
| 505 073 | DY 5 | N |
| 505 074 | DY 5 | O |
| 505 075 | DY 5 | P |
| 505 076 | DY 5 | Q |
| 505 077 | DY 5 | R |
| 505 078 | DY 5 | S |
| 505 079 | DY 5 | T |
| 505 080 | DY 5 | U |
| 505 081 | DY 5 | V |
| 505 082 | DY 5 | W |
| 505 083 | DY 5 | X |
| 505 084 | DY 5 | Y |
| 505 085 | DY 5 | Z |
| 505 090 | DY 5 | L1 |
| 505 091 | DY 5 | L2 |
| 505 092 | DY 5 | L3 |
| 505 093 | DY 5 | RSTN |
| 505 094 | DY 5 | Mp |
| 505 095 | DY 5 | + |
| 505 096 | DY 5 | - |
| 505 097 | DY 5 | ± |
| 505 098 | DY 5 | PE |
| 505 201 | DY 10/6,5 | 1-10 |
| 505 202 | DY 10/6,5 | 11-20 |
| 505 203 | DY 10/6,5 | 21-30 |
| 505 204 | DY 10/6,5 | 31-40 |
| 505 205 | DY 10/6,5 | 41-50 |
| 505 206 | DY 10/6,5 | 51-60 |
| 505 207 | DY 10/6,5 | 61-70 |
| 505 208 | DY 10/6,5 | 71-80 |
| 505 209 | DY 10/6,5 | 81-90 |
| 505 210 | DY 10/6,5 | 91-100 |

Printable Heatshrink



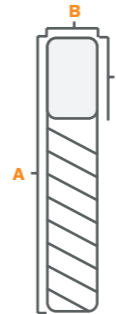
| Cat. No. | Type | Cable Cross-Section | Length | Color | Qty. |
|---------------------|-----------|----------------------------------|--------|--------|------|
| new 579 010 | HSL 02-Y | 0.25 - 1 mm ² | 200 m | Yellow | 1 |
| new 579 011 | HSL 03-Y | 1 - 1.5 mm ² | 200 m | Yellow | 1 |
| new 579 012 | HSL 4.5-Y | 2.5 mm ² | 100 m | Yellow | 1 |
| new 579 013 | HSL 06-Y | 4 - 6 mm ² | 100 m | Yellow | 1 |
| new 579 014 | HSL 10-Y | 6 - 10 mm ² | 100 m | Yellow | 1 |
| new 1020 060 | KL-TX 300 | Heatshrink adapter for KL-TX 300 | | | 1 |

Marking Strip for Terminal Blocks



| Cat. No. | Product | Color | Width (mm) | Length (m) | Qty. |
|----------|---------|-------|------------|------------|------|
| 1020 100 | SLF-P1W | White | 11,2 | 15 | 1 |

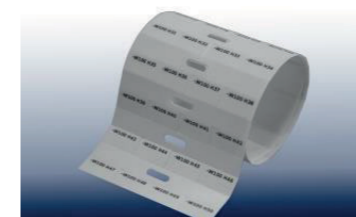
Self-Laminated Cable Labels



| Cat. No. | Type | Cable Diameter (mm) | Print Area (mm) | Type | Color | Qty. |
|--------------------|-------------------------|---------------------|-----------------|------|-------|-------|
| new 808 070 | TTSL 40-W 12.7x19.5 D3 | D = 3 | 12.7 x 9.5 | Roll | White | 5.000 |
| new 808 071 | TTSL 40-W 19x23.8 D4 | D = 4 | 19.0 x 9.5 | Roll | White | 5.000 |
| new 808 072 | TTSL 40-W 12.7x36.5 D7 | D = 7 | 12.7 x 12.7 | Roll | White | 5.000 |
| new 808 073 | TTSL 40-W 25.4x36.5 D7 | D = 7 | 25.4 x 12.7 | Roll | White | 5.000 |
| new 808 074 | TTSL 40-W 19x44.5 D10 | D = 10 | 19.0 x 12.7 | Roll | White | 5.000 |
| new 808 075 | TTSL 40-W 25.4x57.5 D12 | D = 12 | 25.4 x 19.0 | Roll | White | 1.500 |

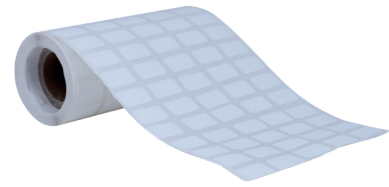


Cable Labels for Transparent Sleeves



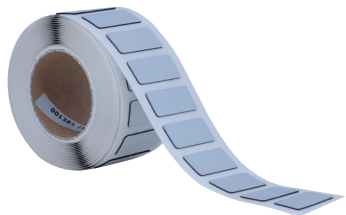
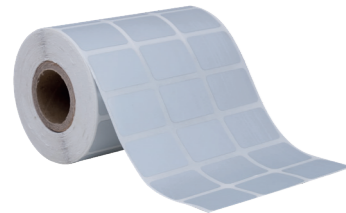
| Cat. No. | Type | Print Area (mm) | Color | Qty. |
|--------------------|-----------|-----------------|-------|-------|
| new 808 061 | TTKP 8X10 | 4 x 10 | White | 4.000 |
| new 808 062 | TTKP 8X15 | 4 x 15 | White | 4.000 |
| new 808 063 | TTKP 8X30 | 4 x 30 | White | 2.500 |

Panel Interior Labels



| Cat. No. | Type | Print Area (mm) | Color | Qty. |
|--------------------|----------|-----------------|--------|-------|
| 808 403 | PYE-01 Y | 17 x 10 | Yellow | 2.500 |
| new 808 419 | PYE-01 W | 17 x 10 | White | 2.500 |
| new 808 420 | PYE-01 S | 17 x 10 | Silver | 2.500 |
| 808 404 | PYE-02 Y | 15 x 6 | Yellow | 2.500 |
| new 808 421 | PYE-02 W | 15 x 6 | White | 2.500 |
| new 808 422 | PYE-02 S | 15 x 6 | Silver | 2.500 |
| new 808 405 | PYE-03 Y | 12 x 9 | Yellow | 2.500 |
| new 808 423 | PYE-03 W | 12 x 9 | White | 2.500 |
| new 808 424 | PYE-03 S | 12 x 9 | Silver | 2.500 |
| 808 406 | PYE-04 Y | 15 x 9 | Yellow | 2.500 |
| new 808 425 | PYE-04 W | 15 x 9 | White | 2.500 |
| new 808 426 | PYE-04 S | 15 x 9 | Silver | 2.500 |
| 808 409 | PYE-05 Y | 20 x 8 | Yellow | 2.500 |
| new 808 427 | PYE-05 W | 20 x 8 | White | 2.500 |
| new 808 428 | PYE-05 S | 20 x 8 | Silver | 2.500 |

Panel Surface Labels



| Cat. No. | Type | Print Area | Color | Qty. |
|--------------------|----------------------|--------------|--------|-------|
| new 808 429 | SPYE-00 S | 27 x 12,5 mm | Silver | 2.500 |
| new 808 430 | SPYE-01 S | 27 x 15 mm | Silver | 2.500 |
| 808 400 | SPYE-02 S | 27 x 18 mm | Silver | 2.500 |
| new 808 431 | SPYE-03 S | 35 x 18 mm | Silver | 2.500 |
| 808 401 | SPYE-04 S | 70 x 30 mm | Silver | 2.500 |
| 808 402 | SPYE-05 S | 90 x 40 mm | Silver | 2.500 |
| new 808 432 | SPYE-06 S | 45 x 15 mm | Silver | 2.000 |
| new 808 064 | ETPS 40 - SV 27x12,5 | 27 x 12,5 mm | Silver | 200 |
| new 808 065 | ETPS 40 - SV 27x15 | 27 x 15 mm | Silver | 150 |
| new 808 066 | ETPS 40 - SV 35x18 | 35 x 18 mm | Silver | 125 |
| new 808 067 | ETPS 40 - SV 45x15 | 45 x 15 mm | Silver | 125 |
| new 808 068 | ETPS 40 - SV 60x30 | 60 x 30 mm | Silver | 125 |
| new 808 069 | ETPS 40 - SV 90x45 | 90 x 45 mm | Silver | 100 |

* ETPS 40 0.08 mm kalınlıktadır.

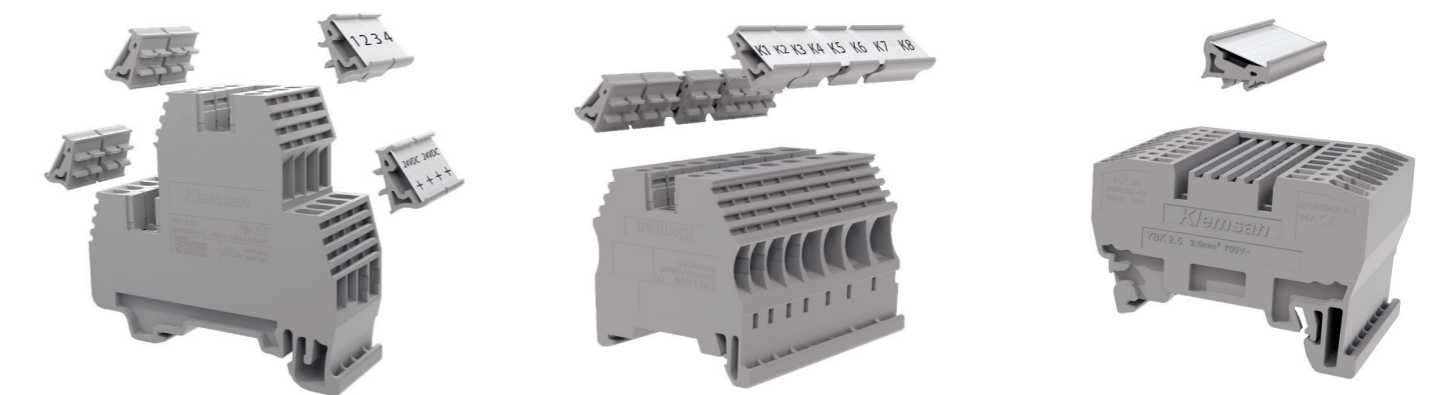
Self-Adhesive Label Strips



| Cat. No. | Type | Width (mm) | Length (m) | Color | Qty. |
|--------------------|-----------|------------|------------|--------|------|
| new 808 433 | LSL-03 W | 30 | 20 | White | 1 |
| new 808 434 | LSL-03 SV | 30 | 20 | Silver | 1 |
| new 808 435 | LSL-03 YL | 30 | 20 | Yellow | 1 |
| new 808 436 | LSL-05 W | 50 | 20 | White | 1 |
| new 808 437 | LSL-05 SV | 50 | 20 | Silver | 1 |
| new 808 438 | LSL-05 YL | 50 | 20 | Yellow | 1 |
| new 808 439 | LSL-08 W | 80 | 20 | White | 1 |
| new 808 440 | LSL-08 SV | 80 | 20 | Silver | 1 |
| new 808 441 | LSL-08 YL | 80 | 20 | Yellow | 1 |

Group Marking for Multilevel Practical Spring Clamp Terminals

| Cat. No. | Product | Description | Compatible with | Qty. |
|--------------------|---------------|--|---|------|
| 498 210 | ETS 2 PYK 2,5 | Group Marking Carrier (two levels) Beige | 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 | 50 |
| 498 219 | ETS 2 PYK 2,5 | Group Marking Carrier (two levels) Grey | 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 | 50 |
| 498 217 | ETS 2 PYK 2,5 | Group Marking Carrier (two levels) Orange | 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 | 50 |
| 498 220 | ETS 3 PYK 2,5 | Group Marking Carrier (three levels) Beige | PYK 2,5 - 3 F / PYK 2,5 - 2 FT / PYK 2,5 - 3 FT | 50 |
| 498 229 | ETS 3 PYK 2,5 | Group Marking Carrier (three levels) Grey | PYK 2,5 - 3 F / PYK 2,5 - 2 FT / PYK 2,5 - 3 FT | 50 |
| 498 227 | ETS 3 PYK 2,5 | Group Marking Carrier (three levels) Orange | PYK 2,5 - 3 F / PYK 2,5 - 2 FT / PYK 2,5 - 3 FT | 50 |
| 498 230 | ETS 2 PYK 4 | Group Marking Carrier (two levels) Beige | PYK 4 - 2FN | 25 |
| 498 239 | ETS 2 PYK 4 | Group Marking Carrier (two levels) Grey | PYK 4 - 2FN | 25 |
| 498 237 | ETS 2 PYK 4 | Group Marking Carrier (two levels) Orange | PYK 4 - 2FN | 25 |
| new 498 289 | ETS | Group Marking Carrier for Screw Terminals - Grey | 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, ACK 35 T RDS, ACK 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 | 100 |



It is possible to use marking strip for the products listed which originally do not support strip labelling by using compatible tools.

Narrow Slotted Self Adhesive

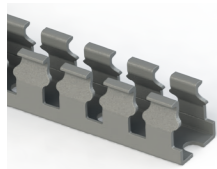
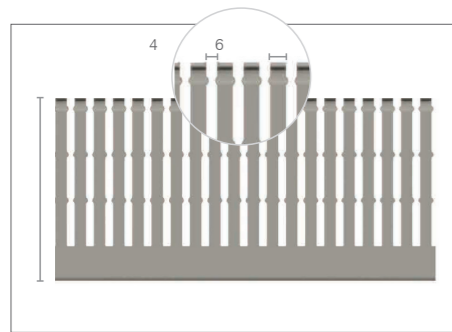


- Operating Temperature: -15°C to 60°C
- Standard Length: 2 meters
- Color Option: RAL 7030 Grey
- Complies with RoHS regulations
- Complies with IEC 60695-2-1 and EN 50085-2-3 standards
- Certificates: VDE, UL, cULus, CE and GOST

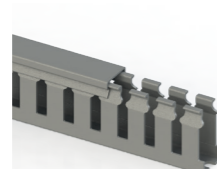
| Order No. | Type | Dimensions WxH (mm) | Color | Qty. |
|-----------|----------|---------------------|-------|---------|
| 551 060YP | KKC 1518 | 15x18 | Grey | 122x2 m |
| 551 070YP | KKC 1530 | 15x30 | Grey | 104x2 m |
| 551 080YP | KKC 1540 | 15x40 | Grey | 80x2 m |
| 551 090YP | KKC 1560 | 15x60 | Grey | 42x2 m |

Narrow Slotted

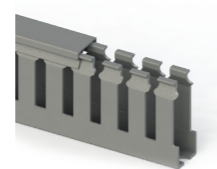
| Order No. | Type | Dimensions WxH (mm) | Color | Qty. |
|-----------|----------|---------------------|-------|---------|
| 551 060 | KKC 1518 | 15x18 | Grey | 126x2 m |
| 551 070 | KKC 1530 | 15x30 | Grey | 106x2 m |
| 551 080 | KKC 1540 | 15x40 | Grey | 80x2 m |
| 551 090 | KKC 1560 | 15x60 | Grey | 42x2 m |
| 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 | 12x2 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 |



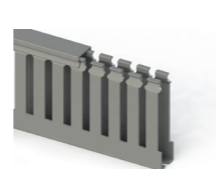
15x18



15x30

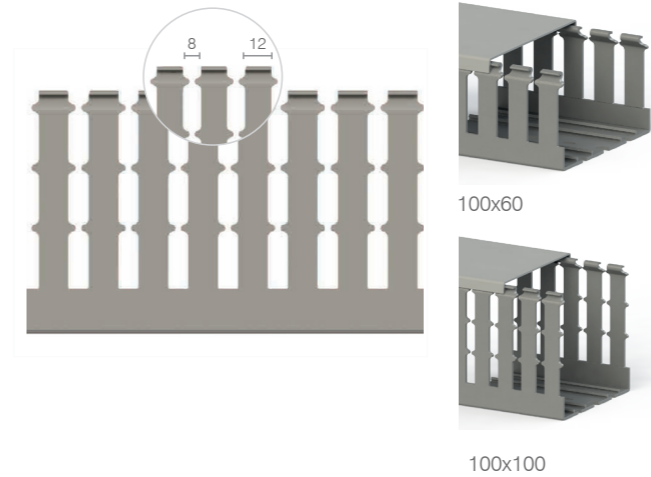


15x40



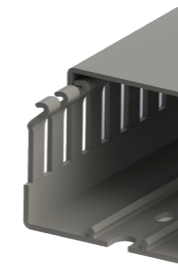
15x60

Wide Slotted



| Order No. | Type | Dimensions WxH (mm) | Color | Qty. |
|-----------|----------|---------------------|-------|--------|
| 551 014WS | KKC 4060 | 40x60 | Grey | 16x2 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 | 12x2 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 |

Wiring Duct Covers



| Order No. | Type | Width (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 |

Wiring Duct Accessories



KKT 4040



KKT 4060



KKB



KKM

| Order No. | Type | 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 |

Wiring Duct Accessories



KKMR

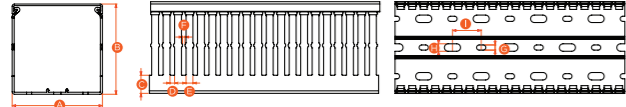


KMK 1002

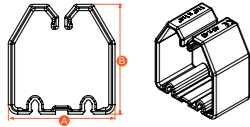
| Order No. | Type | Description | Qty. |
|-----------|----------|---------------------------------------|------|
| 553 220 | KMK 1002 | Wiring Duct Cutting Tool up to 120 mm | 1 |
| 553 230 | KKMR | Wiring Duct Cutting Hand Tool | 1 |



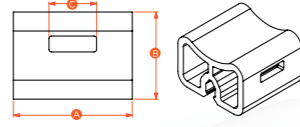
Wiring Ducts



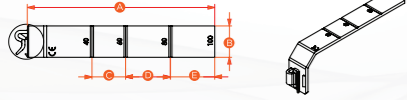
Wire Retainer



Cable Clamp



Cable Holder



KKT 4040



KKT 1001



KKT 1206



KKT 1006



KKT 1201



KKT 6040



KKT 1008



KKB

| Order No. | Type | Description | Dimensions (mm) | | | | | | | | |
|-----------|-------------------|-------------|-----------------|-----|------|---|-----|-----|-----|-----|----|
| | | | A | B | C | D | E | F | G | H | I |
| 551 060 | KKC 1518 - Medium | Wiring Duct | 15 | 18 | 4,5 | 5 | 7,5 | 2 | 4,5 | -- | 25 |
| 551 070 | KKC 1530 - Medium | Wiring Duct | 15 | 30 | 6,1 | 5 | 7,5 | 2 | 4,5 | -- | 25 |
| 551 080 | KKC 1540 - Medium | Wiring Duct | 15 | 40 | 10,2 | 5 | 7,5 | 2 | 4,5 | -- | 25 |
| 551 090 | KKC 1560 - Medium | Wiring Duct | 15 | 60 | 12,4 | 5 | 7,5 | 2 | 4,5 | -- | 25 |
| 551 010 | KKC 2530 - Narrow | Wiring Duct | 25 | 30 | 11,4 | 4 | 6 | 2,1 | 4,5 | 6,5 | 25 |
| 551 011 | KKC 2540 - Narrow | Wiring Duct | 25 | 40 | 12,4 | 4 | 6 | 2,1 | 4,5 | 6,5 | 25 |
| 551 012 | KKC 2560 - Narrow | Wiring Duct | 25 | 60 | 13,6 | 4 | 6 | 2,1 | 4,5 | 6,5 | 25 |
| 551 030 | KKC 2580 - Narrow | Wiring Duct | 25 | 80 | 15,8 | 4 | 6 | 2,1 | 4,5 | 6,5 | 25 |
| 551 031 | KKC 2510 - Narrow | Wiring Duct | 25 | 100 | 17,9 | 4 | 6 | 2,1 | 4,5 | 6,5 | 25 |
| 551 013 | KKC 4040 - Narrow | Wiring Duct | 40 | 40 | 12,4 | 4 | 6 | 2,1 | 4,5 | 6,5 | 25 |
| 551 014 | KKC 4060 - Narrow | Wiring Duct | 40 | 60 | 13,6 | 4 | 6 | 2,1 | 4,5 | 6,5 | 25 |
| 551 015 | KKC 4080 - Narrow | Wiring Duct | 40 | 80 | 15,8 | 4 | 6 | 2,1 | 4,5 | 6,5 | 25 |
| 551 032 | KKC 4010 - Narrow | Wiring Duct | 40 | 100 | 17,9 | 4 | 6 | 2,1 | 4,5 | 6,5 | 25 |
| 551 016 | KKC 6040 - Narrow | Wiring Duct | 60 | 40 | 12,6 | 4 | 6 | 2,1 | 4,5 | 6,5 | 25 |
| 551 017 | KKC 6060 - Narrow | Wiring Duct | 60 | 60 | 13,8 | 4 | 6 | 2,1 | 4,5 | 6,5 | 25 |
| 551 018 | KKC 6080 - Narrow | Wiring Duct | 60 | 80 | 15,8 | 4 | 6 | 2,1 | 4,5 | 6,5 | 25 |
| 551 033 | KKC 6010 - Narrow | Wiring Duct | 60 | 100 | 18,0 | 4 | 6 | 2,1 | 4,5 | 6,5 | 25 |
| 551 019 | KKC 8060 - Narrow | Wiring Duct | 80 | 60 | 13,8 | 4 | 6 | 2,1 | 4,5 | 6,5 | 25 |
| 551 020 | KKC 8080 - Narrow | Wiring Duct | 80 | 80 | 15,8 | 4 | 6 | 2,1 | 4,5 | 6,5 | 25 |
| 551 035 | KKC 8010 - Narrow | Wiring Duct | 80 | 100 | 18,2 | 4 | 6 | 2,1 | 4,5 | 6,5 | 25 |
| 551 021 | KKC 1006 - Narrow | Wiring Duct | 100 | 60 | 16 | 4 | 6 | 2,1 | 4,5 | 6,5 | 25 |
| 551 022 | KKC 1008 - Narrow | Wiring Duct | 100 | 80 | 16 | 4 | 6 | 2,1 | 4,5 | 6,5 | 25 |
| 551 036 | KKC 1001 - Narrow | Wiring Duct | 100 | 100 | 18,2 | 4 | 6 | 2,1 | 4,5 | 6,5 | 25 |
| 551 023 | KKC 1206 - Narrow | Wiring Duct | 120 | 60 | 16,3 | 4 | 6 | 2,1 | 4,5 | 6,5 | 25 |
| 551 024 | KKC 1208 - Narrow | Wiring Duct | 120 | 80 | 16,3 | 4 | 6 | 2,1 | 4,5 | 6,5 | 25 |
| 551 025 | KKC 1201 - Narrow | Wiring Duct | 120 | 100 | 18,4 | 4 | 6 | 2,1 | 4,5 | 6,5 | 25 |
| 551 040 | KKC 1501 - Narrow | Wiring Duct | 150 | 100 | 18,5 | 4 | 6 | 2,1 | 4,5 | 6,5 | 25 |
| 551 014WS | KKC 4060 - Wide | Wiring Duct | 40 | 60 | 13,6 | 8 | 12 | 2,1 | 4,5 | 6,5 | 25 |
| 551 015WS | KKC 4080 - Wide | Wiring Duct | 40 | 80 | 15,8 | 8 | 12 | 2,1 | 4,5 | 6,5 | 25 |
| 551 032WS | KKC 4010 - Wide | Wiring Duct | 40 | 100 | 15,8 | 8 | 12 | 2,1 | 4,5 | 6,5 | 25 |
| 551 017WS | KKC 6060 - Wide | Wiring Duct | 60 | 60 | 13,8 | 8 | 12 | 2,1 | 4,5 | 6,5 | 25 |
| 551 018WS | KKC 6080 - Wide | Wiring Duct | 60 | 80 | 15,8 | 8 | 12 | 2,1 | 4,5 | 6,5 | 25 |
| 551 033WS | KKC 6010 - Wide | Wiring Duct | 60 | 100 | 15,8 | 8 | 12 | 2,1 | 4,5 | 6,5 | 25 |
| 551 019WS | KKC 8060 - Wide | Wiring Duct | 80 | 60 | 13,8 | 8 | 12 | 2,1 | 4,5 | 6,5 | 25 |
| 551 020WS | KKC 8080 - Wide | Wiring Duct | 80 | 80 | 15,8 | 8 | 12 | 2,1 | 4,5 | 6,5 | 25 |
| 551 035WS | KKC 8010 - Wide | Wiring Duct | 80 | 100 | 15,8 | 8 | 12 | 2,1 | 4,5 | 6,5 | 25 |
| 551 021WS | KKC 1006 - Wide | Wiring Duct | 100 | 60 | 16,0 | 8 | 12 | 2,1 | 4,5 | 6,5 | 25 |
| 551 022WS | KKC 1008 - Wide | Wiring Duct | 100 | 80 | 16,0 | 8 | 12 | 2,1 | 4,5 | 6,5 | 25 |
| 551 036WS | KKC 1001 - Wide | Wiring Duct | 100 | 100 | 16,0 | 8 | 12 | 2,1 | 4,5 | 6,5 | 25 |
| 551 023WS | KKC 1206 - Wide | Wiring Duct | 120 | 60 | 16,3 | 8 | 12 | 2,1 | 4,5 | 6,5 | 25 |
| 551 024WS | KKC 1208 - Wide | Wiring Duct | 120 | 80 | 16,3 | 8 | 12 | 2,1 | 4,5 | 6,5 | 25 |
| 551 025WS | KKC 1201 - Wide | Wiring Duct | 120 | 100 | 16,3 | 8 | 12 | 2,1 | 4,5 | 6,5 | 25 |
| 551 040WS | KKC 1501 - Wide | Wiring Duct | 150 | 100 | 16,3 | 8 | 12 | 2,1 | 4,5 | 6,5 | 25 |
| 551 025WS | KKC 1201 - Wide | Wiring Duct | 120 | 100 | 16,3 | 8 | 12 | 2,1 | 4,5 | 6,5 | 25 |
| 551 040WS | KKC 1501 - Wide | Wiring Duct | 150 | 100 | 16,3 | 8 | 12 | 2,1 | 4,5 | 6,5 | 25 |
| 551 025WS | KKC 1201 - Wide | Wiring Duct | 120 | 100 | 16,3 | 8 | 12 | 2,1 | 4,5 | 6,5 | 25 |
| 551 040WS | KKC 1501 - Wide | Wiring Duct | 150 | 100 | 16,3 | 8 | 12 | 2,1 | 4,5 | 6,5 | 25 |



KKT 1208



KKT 4080

| Order No. | Type | Description | Dimensions (mm) | | | | | | | | |
|-----------|----------|---------------|-----------------|----|----|----|------|----|----|----|----|
| | | | A | B | C | D | E | F | G | H | I |
| 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 6040 | 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 | -- | -- | -- | -- |

DIN Rails



| Features | MR 32 | MR 35 x 7,5 | MR 35 x 7,5 | MR 35 x 15 | MR 35 x 15 | MR 15 x 5,5 | MR 15 x 5,5 |
|------------------|-------------|-------------|-------------|-------------|------------|------------------|-------------|
| Cat. No. | 500 101 | 500 601 | 500 602 | 500 606 | 500 607 | 500 610 | 500 611 |
| Unit Length (m) | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Description | Non-Slotted | Non-Slotted | Slotted | Non-Slotted | Slotted | Non-Slotted | Slotted |
| Pack. Qty. | 10 | 100 | 100 | 10 | 10 | 50 | 50 |
| Features | | | | | | | |
| Cat. No. | | 500 603 | 500 604 | 500 608 | 500 609 | 500 612 | 500 613 |
| Unit Length (m) | | 2 | 2 | 2 | 2 | 2 | 2 |
| Description | | Non-Slotted | Slotted | Non-Slotted | Slotted | Non-Slotted | Slotted |
| Pack. Qty. | | 20 | 20 | 10 | 10 | 10 | 10 |
| Features | | | | | | DIN Rail Support | |
| Cat. No. | | 500 605 | | | | 501 101 | |
| Unit Length (cm) | | 30 | | | | | |
| Description | | Non-Slotted | | | | | |
| Pack. Qty. | | 20 | | | | | |

RT



DIN Rail Sockets

PAP



PAP - LED



PAP - UPS



| | DIN Rail Socket Earth | DIN Rail Socket LED + Earth | DIN Rail Socket UPS |
|-----------------------------------|-----------------------|-----------------------------|-----------------------|
| Cat. No. | 670 100 | 670 200 | 670 300 |
| Qty. | 1 | 1 | 1 |
| Width / Height / Depth (mm) | 41.80 / 74.80 / 49.20 | 41.80 / 74.80 / 49.20 | 41.80 / 74.80 / 46.70 |
| Voltage / Current / Cross-Section | 250 V / 16 A / 6 mm² | 250 V / 16 A / 6 mm² | 250 V / 16 A / 6 mm² |
| Single and Fine Strand, (mm²) | 0.5 - 10 | 0.5 - 10 | 0.5 - 10 |
| Conductors with ferrules (mm²) | 0.5 - 6 | 0.5 - 6 | 0.5 - 6 |

Measuring
 Metering
 Communicating
 Harmonic monitoring
 Counting
 Taking impulse
 Converting
 Specifying hour meters

Measuring
 Metering
 Phasor analyzing
 Communicating
 Harmonic monitoring
 Compensation
 Dynamic capacitor monitoring
 Displaying
 Activating target-2 cosφ



A power factor controller is an automation device which allows power distribution system to operate at its maximum efficiency with reducing reactive power. This control process reduces the load requirement on the energy generation and transmission supply system.

- Modular design
- No socket cable required
- Dynamic capacitor monitoring
- The latest technology
- Learning connections and step powers
- Modbus communication

| Order No. | Product Name | Step Number | Single-Phase Current Input | Three Phase Current Input | Single Phase capacitor | Three Phase capacitor | Shunt Reactor | RS-485 Communication | DCM (Dynamic capacitor monitoring) | Generator Input | Dimensions | Harmonic Measurement | Display |
|-------------|--------------|-------------|----------------------------|---------------------------|------------------------|-----------------------|---------------|----------------------|------------------------------------|-----------------|------------|----------------------|-------------|
| 606 005 | RAPIDUS 231R | 12 | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | 144x144 | 51 | Graphic LCD |
| 606 011 | RAPIDUS 211R | 12 | ✓ | | | | ✓ | ✓ | ✓ | ✓ | 144x144 | 51 | Graphic LCD |
| 606 002 | RAPIDUS 232R | 24 | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | 144x144 | 51 | Graphic LCD |
| new 606 060 | RAPIDUS 114 | 4 | ✓ | | | | | | | ✓ | 96x96 | - | Custom LCD |
| new 606 061 | RAPIDUS 114R | 4 | ✓ | | | | | ✓ | | ✓ | 96x96 | - | Custom LCD |
| new 606 062 | RAPIDUS 116 | 6 | ✓ | | | | | | | ✓ | 96x96 | - | Custom LCD |
| new 606 063 | RAPIDUS 116R | 6 | ✓ | | | | | ✓ | | ✓ | 96x96 | - | Custom LCD |
| new 606 064 | RAPIDUS 118 | 8 | ✓ | | | | | | | ✓ | 96x96 | - | Custom LCD |
| new 606 065 | RAPIDUS 118R | 8 | ✓ | | | | | ✓ | | ✓ | 96x96 | - | Custom LCD |
| new 606 070 | RAPIDUS 110 | 10 | ✓ | | | | | | | ✓ | 144x144 | - | Custom LCD |
| new 606 071 | RAPIDUS 110R | 10 | ✓ | | | | | ✓ | | ✓ | 144x144 | - | Custom LCD |
| new 606 072 | RAPIDUS 111 | 12 | ✓ | | | | | | | ✓ | 144x144 | - | Custom LCD |
| new 606 073 | RAPIDUS 111R | 12 | ✓ | | | | | ✓ | | ✓ | 144x144 | - | Custom LCD |

KLEA



The energy analyzer is an automation device that provides 3-phase energy monitoring, comprehensive network control and analysis. It has many advanced application features such as energy measurement, data storage, DIO applications, analog output applications. **KLEA**,

- 10mA measurement accuracy
- Class 0,2S sensing accuracy
- Built-in battery and real time clock
- All user operations are easily done with 160 x 240 graphic display and 6 keys.

| Order No. | Product Name | 3V, 3I, Inötr, Cos, F, P, Q, S, kWh, kVArh, Demand, Max., Min. | 4 Quadrant Reactive meter | Energy meter for each phase | 3- Time Tariff Energy Meter | 2- Tariff Energy Meter | DO | DI | AO | Alarm Relay | RS-485 Comm. | Internal Battery | Memory | External Supply (85-300VAC/DC) | THDI and THDY Measurement | Harmonic Measurement | Dimensions | Display |
|-------------|---------------|--|---------------------------|-----------------------------|-----------------------------|------------------------|----|----|----|-------------|--------------|------------------|--------|--------------------------------|---------------------------|----------------------|------------|---------------|
| 606 100 | KLEA 320P | ✓ | ✓ | ✓ | ✓ | ✓ | 2 | 2 | 2 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | 1-51. | 96x96 | Graphic LCD |
| 606 101 | KLEA 370P | ✓ | ✓ | ✓ | ✓ | ✓ | 7 | 7 | 2 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | 1-51 | 96x96 | Graphic LCD |
| 606 102 | KLEA 322P | ✓ | ✓ | ✓ | ✓ | ✓ | 2 | 2 | 2 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | 1-51 | 96x96 | Graphic LCD |
| 606 103 | KLEA 324P | ✓ | ✓ | ✓ | ✓ | ✓ | 2 | 2 | 4 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | 1-51 | 96x96 | Graphic LCD |
| 606 130 | KLEA 320P-D | ✓ | ✓ | ✓ | ✓ | ✓ | 2 | 2 | 2 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | 1-51 | 96x96 | Graphic LCD |
| 606 131 | KLEA 370-D | ✓ | ✓ | ✓ | ✓ | ✓ | 7 | 7 | 2 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | 1-51 | 96x96 | Graphic LCD |
| 606 160 | KLEA 220P | ✓ | ✓ | ✓ | ✓ | ✓ | 2 | 2 | 2 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | 1-31 | 96x96 | Custom LCD |
| 606 180 | KLEA 110P | ✓ | ✓ | ✓ | ✓ | ✓ | 1 | 2 | 2 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | 1-31. *(With RS-485) | 96x96 | 7 Segment LED |
| new 606 121 | KLEA 370P-VSM | ✓ | ✓ | ✓ | ✓ | ✓ | 7 | 7 | 2 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | 1-51 | 96x96 | Graphic LCD |
| new 606 150 | KLEA 320P-DC | ✓ | ✓ | ✓ | ✓ | ✓ | 2 | 2 | 2 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | 1-51 | 96x96 | Graphic LCD |
| new 606 190 | KLEA 220P-DC | ✓ | ✓ | ✓ | ✓ | ✓ | 2 | 2 | 2 | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | 1-31 | 96x96 | Custom LCD |

ENERGY MANAGEMENT

With KLEMSAN energy management products,

Determination of Energy Consumption Centers: Energy consumed by lighting, heating, production departments or machines in the production process can be measured and recorded. By preparing comparative reports with these data, the centers with the highest consumption can be determined and firstly the studies made in these centers can be made and the investment made in a short time can be recycled as savings. Calculation of Energy Costs per

Product: Energy costs per product can be reported by measuring the number of products produced and the total energy consumed to produce these products. This reporting can be done for certain hours of the day or for certain days of the month, and the most efficient production time can be determined.

Reactive Energy Control: The RAPIDUS reactive control relay provides precise compensation and remains under the reactive penalty limit. By monitoring your system remotely, you get instant information. With the alarms you will set, you will be able to see consumed reactive energy warnings, you will be able to intervene in your bill, you will save money!



ECRAS is an advanced multimeter that can measure **3 phases** in electric networks and can control by 2 relay outputs. ECRAS offers a very precise measurement of the basic electrical parameters in your electrical network and of the extended energy analysis solutions. All measured data can be transferred to the remote monitoring system via modbus communication. Low / high limit threshold values for all electrical parameters can be defined. The load management and protection features within this network can be used with alarm relay outputs.

| Order No. | Product Name | Connection | (V _{VLL} , I _N , F, Cos φ, PF, P, Q, S) | THDI and THDV measurement | Max.-Min. Values | (Demand) (I, P, Q, S) | Tariffs | Assigning Alarms | Alarm Relay | RS-485 | Single Phase Measurement | Three Phase Measurement | Dimensions | Display |
|-----------|---------------|------------|---|---------------------------|------------------|-----------------------|----------|------------------|-------------|--------|--------------------------|-------------------------|----------------------|---------------|
| 606 210 | ECRAS 100 | 3 Phase | ✓ | ✓ | ✓ | ✓ | 1 Tariff | | | | ✓ | ✓ | Panel Mount(96x96mm) | 7 Segment LED |
| 606 211 | ECRAS 120 | 3 Phase | ✓ | ✓ | ✓ | ✓ | 1 Tariff | ✓ | ✓ | | ✓ | ✓ | Panel Mount(96x96mm) | 7 Segment LED |
| 606 212 | ECRAS 200 | 3 Phase | ✓ | ✓ | ✓ | ✓ | 1 Tariff | | | ✓ | ✓ | ✓ | Panel Mount(96x96mm) | 7 Segment LED |
| 606 213 | ECRAS 220 | 3 Phase | ✓ | ✓ | ✓ | ✓ | 1 Tariff | ✓ | ✓ | ✓ | ✓ | ✓ | Panel Mount(96x96mm) | 7 Segment LED |
| 606 218 | ECRAS 100 VCF | 3 Phase | V _{VLL} , I _N , F | | | | 1 Tariff | | | | ✓ | ✓ | Panel Mount(96x96mm) | 7 Segment LED |

ACCESSORIES



| Order No. | Product Name | Description | Pack. Pcs. |
|-----------|----------------|-------------------------------|------------|
| 250 001 | SILICONE COVER | IP66 Silicone Cover (96x96mm) | 2 |

POWYS



POWYS, can measure **3 phases** and 1 phase in electric networks. It is an advanced network analyzer that can provide control thanks to 2 relay, digital inputs and outputs.

POWYS energy analyzer allows your electric network to measure basic electrical parameters and provide highly precise measurement of extended energy analysis solutions. All measured data can be transferred to the remote monitoring system via modbus communication. Low / high limit threshold values for all electrical parameters can be defined. This allows the load management and protection features within a network to be used with alarm relay outputs.

| Order No. | Product Name | Single Phase Measurement | Three Phase Measurement | V, I, Inđr, Cos, F, P, Q, S, kWh, kVAh, Demand, Maks., Min. | 2. Tariff Energy Meter | Single Phase Energy Meter for each phase | DI | DO | AO | Alarm Relay | RS-485 Communication | Internal Battery | Memory | External Supply (85-300VAC/DC) | Harmonic Measurement | Mount Type | Display |
|-----------|--------------|--------------------------|-------------------------|---|------------------------|--|----|----|----|-------------|----------------------|------------------|--------|--------------------------------|----------------------|------------|---------------|
| 606 300 | POWYS 3100 | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | ✓ | | | ✓ | 1-31. (With RS-485) | Rail Mount | |
| 606 303 | POWYS 3101 | ✓ | ✓ | ✓ | ✓ | ✓ | 2 | 2 | | 2 | ✓ | | | ✓ | 1-31. (With RS-485) | Rail Mount | |
| 606 304 | POWYS 3111 | ✓ | ✓ | ✓ | ✓ | ✓ | 2 | 2 | | 2 | ✓ | | | ✓ | 1-31. | Rail Mount | 7 Segment LED |
| 606 305 | POWYS 3121 | ✓ | ✓ | ✓ | ✓ | ✓ | 2 | 2 | | 2 | ✓ | | | ✓ | 1-31. | Rail Mount | Custom LCD |
| 606 351 | POWYS 1110 | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | ✓ | | | ✓ | 1-31. | Rail Mount | 7 Segment LED |
| 606 352 | POWYS 1120 | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | ✓ | | | ✓ | 1-31. | Rail Mount | Custom LCD |
| 606 354 | POWYS 1012 | ✓ | ✓ | ✓ | ✓ | ✓ | | 2 | | | ✓ | | | ✓ | 1-31. | Rail Mount | 7 Segment LED |
| 606 355 | POWYS 1022 | ✓ | ✓ | ✓ | ✓ | ✓ | | 2 | | | ✓ | | | ✓ | 1-31. | Rail Mount | Custom LCD |

WTOR / WI-FI to RS485



WiFi to RS485

WTOR series products; serial MODBUS devices to efficiently connect to IP-based systems over a Wi-Fi network. It provides a flexible and powerful structure for industrial MODBUS communication with many serial and gateway settings. WTOR works as a server in Access point and Station modes.
AP (Access Point) Mode: Where there is no established Wi-Fi network, the WTOR may create a Wi-Fi network. A single device can join the Wi-Fi network created by WTOR
STA (Station) Mode: Joins an external Wi-Fi router to connect serial devices to the existing Wi-Fi network.

| Order No. | Product Name | Description |
|-----------|--------------|--------------------------------------|
| 601 450 | WTOR-4 | RS-485-WI-FI Gateway |
| 601 451 | WTOR-4 | RS-485-WI-FI Gateway (+Power Supply) |

UTOR



UTOR series products,

- USB to RS485
- USB to RS232
- Provides TTL conversion from USB.
- UTOR is powered from the USB port without the need for an external power supply. Unlike most converters, UTOR has an isolation barrier that provides electrical isolation between your computer and serial devices. This creates an ideal environment where equipment and data are critical.

| Order No. | Type | Description | Isolation | Pack. Pcs. |
|-----------|----------|-------------------------------------|-----------|------------|
| 601 430 | UTOR-4i | Isolated USB - RS485 Converter | 1500Vrms | 1 |
| 601 431 | UTOR-2i | Isolated USB - RS232 Converter | 1500Vrms | 1 |
| 601 432 | UTOR-T5i | Isolated USB - TTL (5V) Converter | 1500Vrms | 1 |
| 601 433 | UTOR-T3i | Isolated USB - TTL (3.3V) Converter | 1500Vrms | 1 |

GTOR / GPRS to RS485



GTOR series products connect to serial MODBUS devices with TCP / IP based systems via GPRS service. In this way, it is possible to remotely control and monitor serial devices connected to MODBUS network via GPRS service. GTOR can be easily integrated into existing MODBUS networks thanks to their wide range of configuration options.

| Order No. | Product Name | Description |
|-----------|--------------|-------------------------------------|
| 601 440 | GTOR-4 | RS-485-GPRS Gateway |
| 601 441 | GTOR-4 | RS-485-GPRS Gateway (+Power Supply) |

ETOR / Ethernet to RS485-RS232



ETOR is an automation device that enables the monitoring and control of serial connected devices over the internet or Ethernet connected devices via serial port by converting between serial and ethernet protocols.

| Order No. | Product Name | Description |
|-----------|--------------|--|
| 601 400 | ETOR-4 | RS485-Ethernet Gateway |
| 601 401 | ETOR-2 | RS232-Ethernet Gateway |
| 601 402 | ETOR-4 | RS485-Ethernet Gateway + External Power Supply |
| 601 403 | ETOR-2 | RS232-Ethernet Gateway + External Power Supply |

EASIO / Remote I/O



EASIO series devices can be remotely read as well as their relay state can be remotely changed through MODBUS protocol. In addition, the number of relay activations can be recorded through device's digital input in the device's memory. This feature allows the use of EASIO as a counter.

| Order No. | Product Name | Description |
|-----------|--------------|--|
| 260 001 | EASIO 1001 | 1 Digital Input+ RS485 |
| 260 002 | EASIO 1100 | 1 Relay Output + RS485 |
| 260 003 | EASIO 1101 | 1 Digital Input + 1 Relay Output + RS485 |



PROTECTION RELAYS & TIMERS

Protection relays; protect the motor against the various negative situations encountered by the motors in industrial plants (absence of phase, high - undervoltage protection, phase sequence, low-high frequency, asymmetry). The fixed protection or it can be configured in the desired working range with the control knob on the product.

Control group relays; It is designed with the aim of directing the outputs according to the state of the variables (time and light level) set by the user and desired to be controlled. KLEMSAN protection control products provide solutions for your needs.

MEASTRO



Meastro is an astonomic time relay which calculates sunrise and sunset times for the given coordinates or city selections and turns the relay contacts on and off to control connected systems without any need of photocells or external sensors. Meastro can be used as digital time relay as well.

- 100 programming memories
- 2x (AgSnO2) contact
- Automatically calculates sunrise, sunset and prayer times according to the location..
- Quick and easy programming with MEASTRO-R via infrared communication
- Free programming software

| Order No. | Product Name | Dijital program | Astronomical Program | Prayer Program | Number of Relay | IR | Number of Program | Supply Voltage | Dimensions |
|-----------|--------------|-----------------|----------------------|----------------|-----------------|----|-------------------|----------------|------------|
| 270 700 | MEASTRO 110 | ✓ | | | 1 | | 100 | 180 .. 265VAC | 36mm |
| 270 701 | MEASTRO 120 | ✓ | | | 2 | | 100 | 180 .. 265VAC | 36mm |
| 270 702 | MEASTRO 121 | ✓ | | | 2 | ✓ | 100 | 180 .. 265VAC | 36mm |
| 270 703 | MEASTRO 221 | ✓ | ✓ | | 2 | ✓ | 100 | 180 .. 265VAC | 36mm |
| 270 704 | MEASTRO 321 | ✓ | ✓ | ✓ | 2 | ✓ | 100 | 180 .. 265VAC | 36mm |

MEASTRO-R



| Order No. | Product Name | Description | Pack. Pcs. |
|-----------|--------------|-----------------------------|------------|
| 270 720 | MEASTRO - R | MEASTRO Infrared Controller | 1 |

DPR



DPR 31xx series is a digital protection and monitoring relay designed for threephase systems, measures voltage, frequency and monitorthese parameters below:

- Over voltage
- Under voltage
- Over frequency
- Phase loss
- PTC error
- Under frequency
- Asymmetry
- Sequence

| Order No. | Product Name | Basic Measurements | LCD | Defining Arms | Neutral Connection | PTC Alarm | Number of Relay | External Supply | Supply Voltage | Dimensions |
|-----------|--------------|--------------------|-----|---------------|--------------------|-----------|-----------------|-----------------|----------------|------------|
| 270 600 | DPR 3110 | ✓ | ✓ | ✓ | ✓ | ✓ | 1 | | 85 .. 300VAC | 36mm |
| 270 601 | DPR 3120 | ✓ | ✓ | ✓ | ✓ | ✓ | 2 | | 85 .. 300VAC | 36mm |
| 270 602 | DPR 3111 | ✓ | ✓ | ✓ | | ✓ | 1 | | 150...500VAC | 36mm |
| 270 603 | DPR 3121 | ✓ | ✓ | ✓ | | ✓ | 2 | | 150...500VAC | 36mm |
| 270 604 | DPR 3110E | ✓ | ✓ | ✓ | ✓ | ✓ | 1 | ✓ | 85 .. 300VAC | 36mm |
| 270 605 | DPR 3120E | ✓ | ✓ | ✓ | ✓ | ✓ | 2 | ✓ | 85 .. 300VAC | 36mm |



| Order No. | Product Name | Single-Phase | Neutral Connection | Phase Lost | Phase Sequence | Delay Time | Fixed Asymmetry | Configurable Asymmetry | PTC Protection | Configurable Voltage Protection | Over over high/low Voltage Protection | Relay Output Type | Operating Voltage Range | Dimensions |
|-------------|---------------|--------------|--------------------|------------|----------------|--------------|-------------------|------------------------|----------------|--|---------------------------------------|-------------------|-------------------------|------------|
| 270 150 | P1-A | ✓ | ✓ | ✓ | | Fixed | ± %20 | | | | ✓ | FORM C | 85-320VAC | 17,5mm |
| 270 151 | P1-P | ✓ | ✓ | ✓ | | Fixed | | | ✓ | | ✓ | FORM C | 18-300VAC/DC | 17,5mm |
| 270 152 | P1-S | ✓ | ✓ | ✓ | ✓ | Fixed | | | | | ✓ | FORM C | 85-320VAC | 17,5mm |
| 270 153 | P1-SP | ✓ | ✓ | ✓ | ✓ | Fixed | | | ✓ | | ✓ | FORM C | 85-320VAC | 17,5mm |
| 270 154 | P1-SA | ✓ | ✓ | ✓ | ✓ | Fixed | ± %20 | | | | ✓ | FORM C | 85-320VAC | 17,5mm |
| 270 155 | P1-SAP | ✓ | ✓ | ✓ | ✓ | Fixed | ± %20 | | ✓ | | ✓ | FORM C | 85-320VAC | 17,5mm |
| 270 254 | P1D-SA | ✓ | ✓ | ✓ | ✓ | Fixed | ± %20 | | | | ✓ | FORM C | 150-500VAC | 17,5mm |
| 270 255 | P1D-SAP | ✓ | ✓ | ✓ | ✓ | Fixed | ± %20 | | ✓ | | ✓ | FORM C | 150-500VAC | 17,5mm |
| 270 256 | C1D-SA | ✓ | ✓ | ✓ | ✓ | 0,1 .. 10sec | ± %5 .. %20 | | | | ✓ | FORM C | 150-500VAC | 17,5mm |
| 270 257 | C1D-SAP | ✓ | ✓ | ✓ | ✓ | 0,1 .. 10sec | ± %5 .. %20 | | ✓ | | ✓ | FORM C | 150-500VAC | 17,5mm |
| 270 258 | C1D-SVP | ✓ | ✓ | ✓ | ✓ | 0,1 .. 10sec | | | ✓ | | ✓ | FORM C | 150-500VAC | 17,5mm |
| 270 400 | P1-SU-220V-AC | ✓ | ✓ | ✓ | ✓ | Fixed | - %40 | | | 270V ... 370V AC 4000V ... 500 V AC | ✓ | FORM A | 175-320VAC | 17,5mm |
| 270 401 | P1-SU-220V-AC | ✓ | ✓ | ✓ | ✓ | Fixed | - %40 | | | | ✓ | FORM C | 175-320VAC | 17,5mm |
| 270 402 | P1-SU-110V-AC | ✓ | ✓ | ✓ | ✓ | Fixed | - %40 | | | | ✓ | FORM A | 90-150VAC | 17,5mm |
| 270 403 | P1-SU-110V-AC | ✓ | ✓ | ✓ | ✓ | Fixed | - %40 | | | | ✓ | FORM C | 90-150VAC | 17,5mm |
| 270 156 | C1-SA | ✓ | ✓ | ✓ | ✓ | 0,1 .. 10sec | ± %5 .. %20 | | | | ✓ | FORM C | 85-320VAC | 17,5mm |
| 270 157 | C1-SAP | ✓ | ✓ | ✓ | ✓ | 0,1 .. 10sec | ± %5 .. %20 | | ✓ | | ✓ | FORM C | 85-320VAC | 17,5mm |
| 270 158 | C1-SVP | ✓ | ✓ | ✓ | ✓ | 0,1 .. 10sec | | | ✓ | | ✓ | FORM C | 85-320VAC | 17,5mm |
| 270 159 | V1 | ✓ | ✓ | ✓ | ✓ | 0,1 .. 10sec | | | | | ✓ | FORM C | 85-320VAC | 17,5mm |
| 270 160 | V1-S | ✓ | ✓ | ✓ | ✓ | 0,1 .. 10sec | | | | 150V ... 210V AC 240V ... 300 V AC | ✓ | FORM C | 85-320VAC | 17,5mm |
| 270 170 | V1-M | ✓ | ✓ | ✓ | ✓ | 0,1 .. 10sec | | | | | ✓ | FORM C | 85-320VAC | 17,5mm |
| 270 162 | V1-T* | ✓ | ✓ | ✓ | ✓ | 0,1 .. 10sec | | | | | ✓ | FORM C | 85-320VAC | 17,5mm |
| 270 259 | V1D | ✓ | ✓ | ✓ | ✓ | 0,1 .. 10sec | | | | 270V ... 370V AC 4000V ... 500 V AC | ✓ | FORM C | 150-500VAC | 17,5mm |
| 270 260 | V1D-S | ✓ | ✓ | ✓ | ✓ | 0,1 .. 10sec | | | | | ✓ | FORM C | 150-500VAC | 17,5mm |
| 270 130 | G1-SA | ✓ | ✓ | ✓ | ✓ | 0,1 .. 10sec | ± %5 .. %20 / OFF | | | ± UN x (%5 .. %20) / OFF | | FORM C | 230VAC, ±%25 | 17,5mm |
| 270 131 | G1-SAP | ✓ | ✓ | ✓ | ✓ | 0,1 .. 10sec | ± %5 .. %20 / OFF | ✓ | | ± UN x (%5 .. %20) / OFF | | FORM C | 230VAC, ±%25 | 17,5mm |
| 270 136 | G1-A | ✓ | ✓ | ✓ | ✓ | 0,1 .. 10sec | ± %5 .. %20 / OFF | | | ± UN x (%5 .. %20) / OFF | | FORM C | 230VAC, ±%25 | 17,5mm |
| 270 140 | G1D-SA | ✓ | ✓ | ✓ | ✓ | 0,1 .. 10sec | ± %5 .. %20 / OFF | | | ± UN x (%5 .. %20) / OFF | | FORM C | 380 .. 480VAC, ±%25 | 17,5mm |
| 270 141 | G1D-SA-L | ✓ | ✓ | ✓ | ✓ | 0,1 .. 10sec | ± %5 .. %20 / OFF | | | ± UN x (%5 .. %20) / OFF | | FORM C | 190 .. 230VAC, ±%25 | 17,5mm |
| new 270 137 | G1-SAT | ✓ | ✓ | ✓ | ✓ | 1 .. 15min | ± %5 .. %20 | | | ± UN x (%5 .. %20) / OFF | ✓ | FORM C | 230VAC, ±%25 | 17,5mm |
| new 270 138 | G1-TU | ✓ | ✓ | ✓ | ✓ | 1 .. 15min | | | | ± UN x 0,75 | ✓ | FORM C | 230VAC, ±%25 | 17,5mm |
| new 270 139 | G1-SV | ✓ | ✓ | ✓ | ✓ | 0,1 .. 10sec | | | | 150V ... 210V AC 240V ... 300 V AC | ✓ | FORM C | 230VAC, ±%25 | 17,5mm |
| new 270 145 | G1D-SV | ✓ | ✓ | ✓ | ✓ | 0,1 .. 10sec | | | | 270V ... 370V AC 400V ... 500 V AC | ✓ | FORM C | 380 .. 480VAC, ±%25 | 17,5mm |
| 270 180 | G1-SVP | ✓ | ✓ | ✓ | ✓ | 0,1 .. 10sec | | | | 150V ... 210V AC 240V ... 300 V AC | ✓ | FORM C | 230VAC, ±%25 | 17,5mm |
| 270 134 | M1-A | ✓ | ✓ | ✓ | ✓ | Fixed | ± %20 | | | | | FORM C | 230VAC, ±%25 | 17,5mm |
| 270 132 | M1-SA | ✓ | ✓ | ✓ | ✓ | Fixed | ± %20 | | | | | FORM C | 230VAC, ±%25 | 17,5mm |
| 270 135 | M1-SP | ✓ | ✓ | ✓ | ✓ | Fixed | | | ✓ | | | FORM C | 230VAC, ±%25 | 17,5mm |
| 270 133 | M1-SAP | ✓ | ✓ | ✓ | ✓ | Fixed | ± %20 | | ✓ | | | FORM C | 230VAC, ±%25 | 17,5mm |
| 270 142 | M1D-S | ✓ | ✓ | ✓ | ✓ | Fixed | | | | | | FORM C | 380 .. 480VAC, ±%25 | 17,5mm |
| 270 144 | M1D-SA | ✓ | ✓ | ✓ | ✓ | Fixed | ± %20 | | | | | FORM C | 380 .. 480VAC, ±%25 | 17,5mm |

* There are two time delay knobs separately, one of them for error and the other one for normal operation.

CURRENT & FREQUENCY PROTECTION

| Order No. | Product Name | Description | Operating Voltage Range | Dimensions |
|-----------|--------------|---|-------------------------|------------|
| 270 270 | CPR-16 | 1..16A AC Adjustable Overcurrent Protection Relay (can be used with over 16A current transformer) | 36..300VAC / 24..300VDC | 17,5mm |
| 270 161 | F1 | Adjustable Frequency Protection Relay, Adjustable Between 40-65Hz | 85..320VAC | 17,5mm |



| Order No. | Product Name | ON delay (mod: a, ND) | OFF delay (mod: b, FD) | ON/OFF Delay (mod: NFD) | ON Flasher (mod: Fon) | OFF Flasher (mod: g, Foff) | Functions with Control Input (mod: c, d, e, f, h, i, k) | Precise Time Setting | Supply Voltage | Dimensions |
|-------------|--------------|-----------------------|------------------------|-------------------------|-----------------------|----------------------------|---|----------------------|----------------------------|------------|
| 270 363 | T1-30S | ✓ | | | | | | | 24VAC/DC or 180 .. 265VAC | 17,5mm |
| 270 350 | T1-60S | ✓ | | | | | | | 24 .. 300VAC/DC | 17,5mm |
| 270 359 | T1-100S | ✓ | | | | | | | 24VAC/DC or 180 .. 265VAC | 17,5mm |
| 270 351 | T1-FLASH | | | | ✓ | | | ✓ | 24 .. 300VAC/DC | 17,5mm |
| new 270 352 | T1-60S2 | ✓ (2 contacts) | | | | | | | 24 .. 300VAC/DC | 17,5mm |
| 270 353 | T1-M5 | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | 24 .. 300VAC/DC | 17,5mm |
| 270 354 | T1-K | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | 24 .. 300VAC/DC | 17,5mm |
| 270 355 | T1-M4 | ✓ | ✓ | | ✓ | ✓ | | ✓ | 24 .. 300VAC/DC | 17,5mm |
| 270 357 | T1-XS | ✓ | | | | | | ✓ | 24 .. 300VAC/DC | 17,5mm |
| 270 370 | Z1-60S | ✓ | | | | | | | 12VAC/DC or 180 .. 265VAC | 17,5mm |
| 270 371 | Z1-FLASH | | | | ✓ | | | ✓ | 12VAC/DC or 180 .. 265VAC | 17,5mm |
| 270 373 | Z1-M5 | ✓ | ✓ | ✓ | ✓ | ✓ | | ✓ | 12VAC/DC or 180 .. 265VAC | 17,5mm |
| 270 374 | Z1-K | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | 12VA C/DC or 180 .. 265VAC | 17,5mm |
| 270 375 | Z1-M4 | ✓ | ✓ | | ✓ | ✓ | | ✓ | 12VAC/DC or 180 .. 265VAC | 17,5mm |
| 270 377 | Z1-XS | ✓ | | | | | | ✓ | 12VAC/DC or 180 .. 265VAC | 17,5mm |

| Order No. | Product Name | Function | Supply Voltage | Dimensions |
|-----------|--------------|--|---------------------------|------------|
| 270 356 | T1-LR | Left - Right Relay | 24 .. 300VAC/DC | 17,5mm |
| 270 376 | Z1-LR | Left - Right Relay | 12VAC/DC or 180 .. 265VAC | 17,5mm |
| 270 358 | SD1 | Star - Delta Relay(FormC) | 150 .. 450VAC | 17,5mm |
| 270 362 | SD1-24 | Star - Delta Relay(FormC) | 24 .. 300VAC/DC | 17,5mm |
| 270 378 | ZD-1 | Star - Delta Relay(FormC) | 12VAC/DC or 180 .. 265VAC | 35mm |
| 270 364 | SD1C | Star - Delta Relay(FormA) | 150 .. 450VAC | 17,5mm |
| 270 365 | SD1C-24 | Star - Delta Relay(FormA) | 24 .. 300VAC/DC | 17,5mm |
| 270 050 | PH1-20L | Photocell relay 1...20Lux adjustable(FG-05 included) | 24 .. 300VAC/DC | 17,5mm |
| 270 001 | LC3 | Liquid Level Controller (100m) | 150 .. 500VAC | 35mm |
| 270 002 | LC3-T | Liquid Level Controller (800m) | 185 .. 265VAC | 35mm |

ACCESSORIES

| Order No. | Product Name | Description |
|-----------|--------------|------------------------|
| 280 010 | FG-05 | Photocell sensor |
| 280 610 | SE-1 | Liquid level electrode |



TRANSDUCERS

Transducer is an electronic device that changes one form of energy into another. It converts temperature, voltage and current parameters into V, mV, mA and RS485 outputs. Klemsan transducers input, output and supply parts are electrically isolated from one another in order to provide protective isolation. Transducers measure input parameters and convert them to another signal form continuously. It is possible to configure different input ranges and output types by means of adjustment knobs. Measured values can be transmitted to a PC or PLC through serial communication.



| Order No. | Product Name | Isolation | Description | Input | Type | Output | Supply Voltage | Dimensions |
|-----------|--------------|-----------|--|---|----------------------------------|--|----------------|------------|
| 602 300 | ASCON 311 | 3 way | DC Voltage and Current (mV,V,mA) | 30 signal combinations; 4-20mA, 0-10V, ... | DC Voltage and Current (mV,V,mA) | 10 signal combinations; 4-20mA, 0-10V, ... | 11 .. 30VDC | 17,5 mm |
| 602 310 | ASCON 321 | 3 way | PT100 (2,3,4 wires) | -150°C .. 800°C configurable. | DC Voltage and Current (mV,V,mA) | 10 signal combinations; 4-20mA, 0-10V, ... | 11 .. 30VDC | 17,5 mm |
| 602 320 | ASCON 331 | 3 way | Thermocouple (J, K, E, R and S) | J : -200°C .. 1200 °C configurable. K : -200°C.. 1350 °C configurable. E : -200°C .. 950 °C configurable. R : -50°C .. 1750 °C configurable. S : -50°C .. 1750 °C configurable. | DC Voltage and Current (mV,V,mA) | 10 signal combinations; 4-20mA, 0-10V, ... | 11 .. 30VDC | 17,5 mm |
| 602 330 | ASCON 341 | 3 way | 2-3 wire PNP/NPN, Namur, Push-Pull, Dry contact | 0 .. 100 kHz configurable via knobs 0...150 kHz can be learned from input signal | DC Voltage and Current (mV,V,mA) | 6 signal combinations; 4-20mA, 0-10V, ... | 11 .. 30VDC | 17,5 mm |
| 602 400 | ASCON 352 | 3 way | mV, V, mA, PT100 (2, 3 and 4 wires)Thermocouple (J,K,E,R ve S) | 30 signal combinations PT100(-150°C...800 °C Configurable) J, K, E, R and S thermocouple types. | RS-485 | Modbus RTU | 11 .. 30VDC | 17,5 mm |

PISO

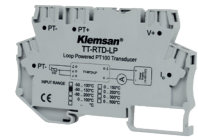


PISO is a passive isolator that isolates, transforms, and multiplexes analog signal values from temperature, pressure, level, weight and speed sensors. It does not need any power source while providing all this.

| Order No. | Product Name | Isolation | Number of Inputs | Type | Number of Outputs | Type | Supply Voltage | Dimensions |
|-----------|--------------|-----------|------------------|--------|-------------------|--------|----------------|------------|
| 602 800 | PISO-DC-1 | 2 Way | 1 | 0-20mA | 1 | 0-20mA | - | 17,5mm |
| 602 801 | PISO-DC-1 | 2 Way | 1 | 4-20mA | 1 | 4-20mA | - | 17,5mm |
| 602 802 | PISO-DC-1 | 2 Way | 1 | 0-20mA | 1 | 0-10V | - | 17,5mm |
| 602 803 | PISO-DC-1 | 2 Way | 1 | 0-20mA | 1 | 0-5V | - | 17,5mm |
| 602 850 | PISO-DC-2 | 2 Way | 2 | 0-20mA | 2 | 0-20mA | - | 17,5mm |
| 602 851 | PISO-DC-2 | 2 Way | 2 | 4-20mA | 2 | 4-20mA | - | 17,5mm |
| 602 852 | PISO-DC-2 | 2 Way | 2 | 0-20mA | 2 | 0-10V | - | 17,5mm |
| 602 853 | PISO-DC-2 | 2 Way | 2 | 0-20mA | 2 | 0-5V | - | 17,5mm |
| 602 700 | PISO-DC-DUO | 2 Way | 1 | 0-20mA | 2 | 0-20mA | - | 17,5mm |
| 602 701 | PISO-DC-DUO | 2 Way | 1 | 4-20mA | 2 | 4-20mA | - | 17,5mm |
| 602 702 | PISO-DC-DUO | 2 Way | 1 | 0-20mA | 2 | 0-10V | - | 17,5mm |
| 602 703 | PISO-DC-DUO | 2 Way | 1 | 0-20mA | 2 | 0-5V | - | 17,5mm |

PT 100 TRANSDUCERS

| Order No. | Product Name | Description | Pack. Pcs. |
|-----------|------------------------------|---|------------|
| 604 100 | TT-RTD-LP-C (-50°C .. 100°C) | Loop Powered PT100 Transducer (2,3 wires PT100, -50°C...+ 100°C - Output 4..20mA) | 1 |
| 604 101 | TT-RTD-LP-C (0°C .. 100°C) | Loop Powered PT100 Transducer (2,3 wires PT100, 0°C...+ 100°C - Output 4..20mA) | 1 |
| 604 102 | TT-RTD-LP-C (0°C .. 150°C) | Loop Powered PT100 Transducer (2,3 wires PT100, 0°C...+ 150°C - Output 4..20mA) | 1 |
| 604 103 | TT-RTD-LP-C (0°C .. 200°C) | Loop Powered PT100 Transducer (2,3 wires PT100, 0°C...+ 200°C - Output 4..20mA) | 1 |
| 604 104 | TT-RTD-LP-C (0°C .. 300°C) | Loop Powered PT100 Transducer (2,3 wires PT100, 0°C...+ 300°C - Output 4..20mA) | 1 |
| 604 105 | TT-RTD-LP-C (-50°C .. 150°C) | Loop Powered PT100 Transducer (2,3 wires PT100, -50°C...+ 150°C - Output 4..20mA) | 1 |
| 604 106 | TT-RTD-LP-C (-50°C .. 200°C) | Loop Powered PT100 Transducer (2,3 wires PT100, -50°C...+ 200°C - Output 4..20mA) | 1 |
| 604 107 | TT-RTD-LP-C (0°C .. 500°C) | Loop Powered PT100 Transducer (2,3 wires PT100, -50°C...+ 500°C - Output 4..20mA) | 1 |
| Order No. | Product Name | Description | Pack. Pcs. |
| 603 860 | TT-RTD-LP (-50°C .. 100°C) | Loop Powered PT100 Transducer (2,3 wires PT100, -50°C...+ 100°C - Output 4..20mA) | 1 |
| 603 861 | TT-RTD-LP (0°C .. 100°C) | Loop Powered PT100 Transducer (2,3 wires PT100, 0°C...+ 100°C - Output 4..20mA) | 1 |
| 603 862 | TT-RTD-LP (0°C .. 150°C) | Loop Powered PT100 Transducer (2,3 wires PT100, 0°C...+ 150°C - Output 4..20mA) | 1 |
| 603 863 | TT-RTD-LP (0°C .. 200°C) | Loop Powered PT100 Transducer (2,3 wires PT100, 0°C...+ 200°C - Output 4..20mA) | 1 |
| 603 864 | TT-RTD-LP (0°C .. 300°C) | Loop Powered PT100 Transducer (2,3 wires PT100, 0°C...+ 300°C - Output 4..20mA) | 1 |
| 603 865 | TT-RTD-LP (-50°C .. 150°C) | Loop Powered PT100 Transducer (2,3 wires PT100, -50°C...+ 150°C - Output 4..20mA) | 1 |
| 603 866 | TT-RTD-LP (-50°C .. 200°C) | Loop Powered PT100 Transducer (2,3 wires PT100, -50°C...+ 200°C - Output 4..20mA) | 1 |
| 603 867 | TT-RTD-LP (0°C .. 500°C) | Loop Powered PT100 Transducer (2,3 wires PT100, 0°C...+ 500°C - Output 4..20mA) | 1 |



CT3 / VT3 SERIES TRANSDUCERS

| Order No. | Product Name | Description | Pack. Pcs. |
|-----------|--------------|--|------------|
| 600 100 | CT3-AC | AC Supply, Configurable current converters | 1 |
| 600 102 | CT3-AC-24 | DC Supply, Configurable current converters | 1 |
| 600 104 | CT3-AC-LP | Loop Powered Configurable current converters | 1 |

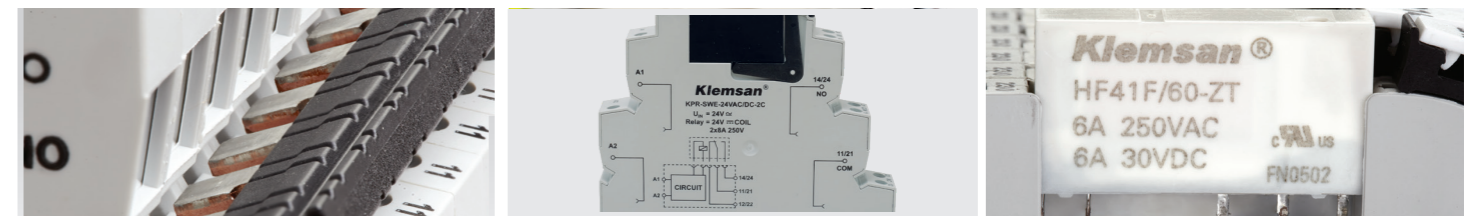
| | | |
|--|-------------|----------------------------------|
| Input signal range (Selectable with knobs) | 0 .. 1 A AC | 0 .. 20 mA |
| | 0 .. 2 A AC | 4 .. 20 mA |
| | 0 .. 3 A AC | ±20 mA |
| | 0 .. 4 A AC | 20 .. 0 mA |
| | 0 .. 5 A AC | 20 .. 4 mA |
| Input signal frequency | 40 .. 70 Hz | 0 .. 5 V |
| | | 0 .. 10 V |
| | | ±5 V |
| | | ±10 V |
| | | 10 .. 0 V |
| | | Analog output signal (CT3-AC-LP) |
| | | 4 .. 20 mA |

| Order No. | Product Name | Description | Pack. Pcs. |
|-----------|--------------|--|------------|
| 600 101 | VT3-AC | AC Supply, Configurable voltage converters | 1 |
| 600 103 | VT3-AC-24 | DC Supply, Configurable voltage converters | 1 |
| 600 105 | VT3-AC-LP | Loop Feed, Configurable voltage converters | 1 |
| 600 106 | VT3-ACDC-24 | DC Supply, Configurable AC / DC voltage converters | 1 |

| | | |
|---|--------------|--|
| Input signal range(Selectable with knobs) | 0 .. 24 V AC | 0 .. 24 V AC |
| | 0 .. 36 V AC | 0 .. 54 V AC |
| | 0 .. 54 V AC | 0 .. 120 V AC |
| | 0 .. 80 V AC | 0 .. 250 V AC |
| | 0 .. 120 VAC | 0 .. 450 V AC |
| | 0 .. 170 VAC | 0 .. 24 V DC |
| | 0 .. 250 VAC | 0 .. 54 V DC |
| Input signal frequency | 40 .. 70 Hz | 0 .. 5 V |
| | | ±5 V |
| | | 0 .. 20 mA |
| | | 0 .. 250 V DC |
| | | 0 .. 450 V DC |
| | | Analog output signal (Selectable with knobs) |
| | | 0 .. 20 mA |
| | | 4 .. 20 mA |
| | | ±20 mA |
| | | 20 .. 0 mA |
| | | 20 .. 4 mA |
| | | 0 .. 5 V |
| | | 0 .. 10 V |
| | | ±5 V |
| | | 0 .. 20 mA |
| | | 10 .. 0 V |
| | | VT3-AC |
| | | VT3-AC-24 |
| | | VT3-ACDC-24 |
| | | 40 .. 20 mA |



PLC RELAY



The PLC Interface relay is an electromagnetic switch operated by a relatively small electric current that can turn on and off a much larger electric current.

The PLC Interface relay is an electrically operated switch that is used where the transmission must be controlled by a low power signal. It can be used to amplify the signal. PLC interface relay can switch both direct current and alternating current. When signaling, they isolate between input and control units. Leakage current is filtered to prevent it from being stuck in the "open" state when the relay is turned off.

1C PLC RELAY



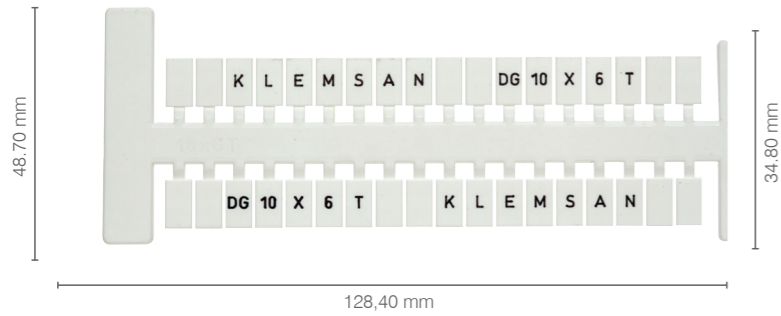
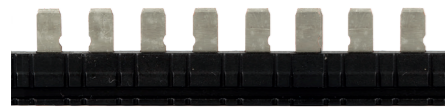
| Order No. | Product Name | Description | Packaging Pcs. |
|-----------|-------------------------------------|---------------------------|----------------|
| 270 810 | KPR - SCE - 24 VAC/DC | 24 VAC/DC 6 A | 10 |
| 270 840 | KPR - SCE - 115 VAC/DC | 115 VAC/DC 6 A | 10 |
| 270 850 | KPR - SCE - 230 VAC/DC | 230 VAC/DC 6 A | 10 |
| 270 794 | KPR-SCE-6VDC-1C | 6VDC-1C | 10 |
| 270 795 | KPR-SCE-6VDC-1C (Relay Socket) | 6VDC-1C | 10 |
| 270 800 | KPR-SCE-12VAC/DC-1C | 12VAC/DC-1C | 10 |
| 270 801 | KPR-SCE-12VAC/DC-1C (Relay Socket) | 12VAC/DC-1C | 10 |
| 270 804 | KPR-SCE-12VDC-1C | 12VDC-1C s | 10 |
| 270 805 | KPR-SCE-12VDC-1C (Relay Socket) | 12VDC-1C | 10 |
| 270 811 | KPR-SCE-24VAC/DC-1C (Relay Socket) | 24VAC/DC-1C | 10 |
| 270 814 | KPR-SCE-24VDC-1C | 24VDC-1C | 10 |
| 270 815 | KPR-SCE-24VDC-1C (Relay Socket) | 24VDC-1C | 10 |
| 270 820 | KPR-SCE-48VAC/DC-1C | 48VAC/DC-1C | 10 |
| 270 821 | KPR-SCE-48VAC/DC-1C (Relay Socket) | 48VAC/DC-1C | 10 |
| 270 824 | KPR-SCE-48VDC-1C | 48VDC-1C | 10 |
| 270 825 | KPR-SCE-48VDC-1C (Relay Socket) | 48VDC-1C | 10 |
| 270 830 | KPR-SCE-60VAC/DC-1C | 60VAC/DC-1C | 10 |
| 270 831 | KPR-SCE-60VAC/DC-1C (Relay Socket) | 60VAC/DC-1C | 10 |
| 270 834 | KPR-SCE-60VDC-1C | 60VDC-1C | 10 |
| 270 835 | KPR-SCE-60VDC-1C (Relay Socket) | 60VDC-1C | 10 |
| 270 841 | KPR-SCE-115VAC/DC-1C (Relay Socket) | 115VAC/DC-1C | 10 |
| 270 844 | KPR-SCE-115VDC-1C | 115VDC-1C | 10 |
| 270 845 | KPR-SCE-115VDC-1C (Relay Socket) | 115VDC-1C | 10 |
| 270 846 | KPR-SCF-115VAC/DC-1C | 115VAC/DC-1C RCZ Filtered | 10 |
| 270 847 | KPR-SCF-115VAC/DC-1C (Relay Socket) | 115VAC/DC-1C RCZ Filtered | 10 |
| 270 851 | KPR-SCE-230VAC/DC-1C (Relay Socket) | 230VAC/DC-1C | 10 |
| 270 852 | KPR-SCE-230VAC-1C | 230VAC-1C | 10 |
| 270 853 | KPR-SCE-230VAC-1C (Relay Socket) | 230VAC-1C | 10 |
| 270 856 | KPR-SCF-230VAC/DC-1C | 230VAC/DC-1C RCZ Filtered | 10 |
| 270 857 | KPR-SCF-230VAC/DC-1C (Relay Socket) | 230VAC/DC-1C RCZ Filtered | 10 |
| 270 858 | KPR-SCF-230VAC-1C | 230VAC/DC-1C RCZ Filtered | 10 |
| 270 859 | KPR-SCF-230VAC-1C (Relay Socket) | 230VAC/DC-1C RCZ Filtered | 10 |

ACCESSORIES

| Order No. | Product Name | Description | Pack. Pcs. |
|-----------|--------------|----------------------------|------------|
| 476 605 | TK - KPR - S | Plug-in bridge for 16 hole | 25 |
| 476 606 | TK - KPR - S | Plug-in bridge for 8 hole | 50 |
| 463 247 | APP - KPR | End Plate | 25 |
| 505 390 | DG 10/6T | Label | 360 |

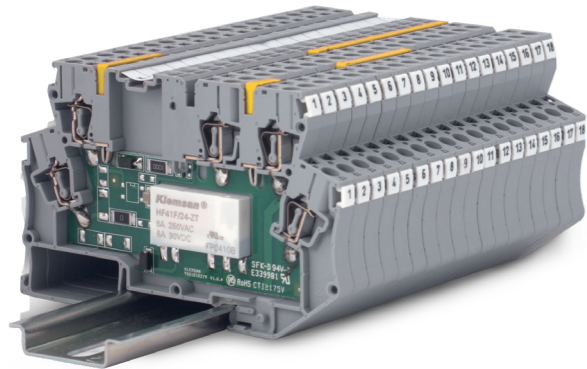
SPARE RELAY

| Order No. | Product Name | Description | Pack. Pcs. |
|-----------|--------------------------------|--|------------|
| 095 040 | REL 60V DC SLIM TYPE 6A/250VAC | Spare Relays for 60V, 115V, 230VAC and DC Products | 10 |
| 095 041 | REL 24V DC SLIM TYPE 6A/250VAC | Spare Relays for 24V, 48VAC and DC Products | 10 |
| 095 042 | REL 12V DC SLIM TYPE 6A/250VAC | Spare Relays for 12V AC and DC Products | 10 |
| 095 043 | REL 5V DC SLIM TYPE 6A/250VAC | Spare Relays for 6VAC and DC Products | 10 |



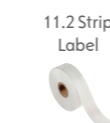
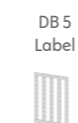
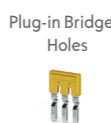
| | |
|-----------------------------|---|
| Contact Type | 1CO |
| Contact Capacity (Cosφ = 1) | 6A 250VAC / 30VDC |
| Maximum Switching Voltage | 400VAC / 125VDC |
| Maximum Switching Current | 6A |
| Maximum Switching Power | 1500VA / 180W |
| Mechanical Life | 1 x 10 ⁷ switching |
| Electrical Life | NO 3 x 10 ⁴ switching (850C) NC 1 x 10 ⁴ switching |
| Operate Time | (850C) 10 msec max. |
| Release Time | 5 msec max. |

INTEGRATED PLC RELAYS



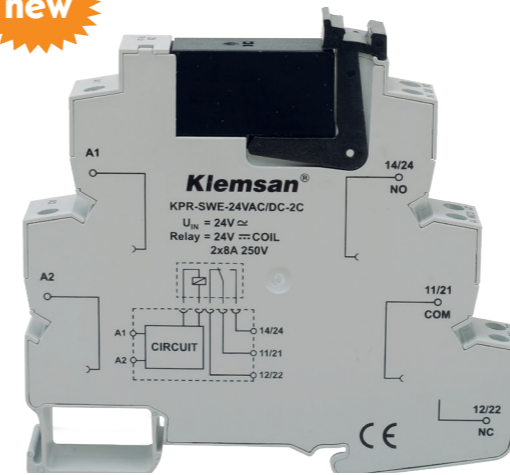
- Design that is not affected by vibration
- Extended input range from 6V to 230V
- DC - AC and AC / DC supply voltage options
- With spring connection
- Integrated RCZ filter option
- Plug-in bridge saves time
- High quality, long service life

| Order No. | Product Name | Description | Integrated RCZ Filter | Max. Switching Value | Connection Type |
|-----------|----------------------|-----------------|-----------------------|---|-----------------|
| 271 504 | KPR-CIE-6VDC-1C | 6VDC-1 C/0 | | 6A/250VAC; 1500VA 6A/30VDC; 180W | Spring Clamp |
| 271 510 | KPR-CIE-12VAC/DC-1C | 12VAC/DC-1 C/0 | | | |
| 271 514 | KPR-CIE-12VDC-1C | 12VDC-1 C/0 | | | |
| 271 520 | KPR-CIE-24VAC/DC-1C | 24VAC/DC-1 C/0 | | | |
| 271 524 | KPR-CIE-24VDC-1C | 24VDC-1 C/0 | | | |
| 271 530 | KPR-CIE-48VAC/DC-1C | 48VAC/DC-1 C/0 | | | |
| 271 534 | KPR-CIE-48VDC-1C | 48VDC-1 C/0 | | | |
| 271 540 | KPR-CIE-60VAC/DC-1C | 60VAC/DC-1 C/0 | | | |
| 271 544 | KPR-CIE-60VDC-1C | 60VDC-1 C/0 | | | |
| 271 550 | KPR-CIE-115VAC/DC-1C | 115VAC/DC-1 C/0 | | | |
| 271 554 | KPR-CIE-115VDC-1C | 115VDC-1 C/0 | | | |
| 271 556 | KPR-CIF-115VAC/DC-1C | 115VAC/DC-1 C/0 | ✓ | | |
| 271 560 | KPR-CIE-230VAC/DC-1C | 230VAC/DC-1 C/0 | | | |
| 271 562 | KPR-CIE-230VDC-1C | 230VDC-1 C/0 | | | |
| 271 566 | KPR-CIF-230VAC/DC-1C | 230VAC/DC-1 C/0 | ✓ | | |
| 271 568 | KPR-CIF-230VDC-1C | 230VDC-1 C/0 | ✓ | | |

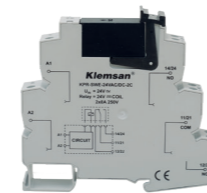


| Order Number | 450389 | 470112 | 470113 | 470114 | 470115 | 470119 | 505330 | 505850 | 1020100 |
|----------------|---------|---------|---------|---------|---------|--------|----------|----------|---------|
| Packaging Unit | 10 pcs. | 25 pcs. | 20 pcs. | 15 pcs. | 10 pcs. | 5 pcs. | 440 pcs. | 500 pcs. | 1 pcs. |

2 C PLC RELAY



- 6/12/24/48/60/115 and 230V AC / DC option
- 2 CO contacts
- 2x8A switching current
- Easy installation with upper bridge
- 14mm width
- LED indicator
- Simple relays extraction mechanism
- Long switching life



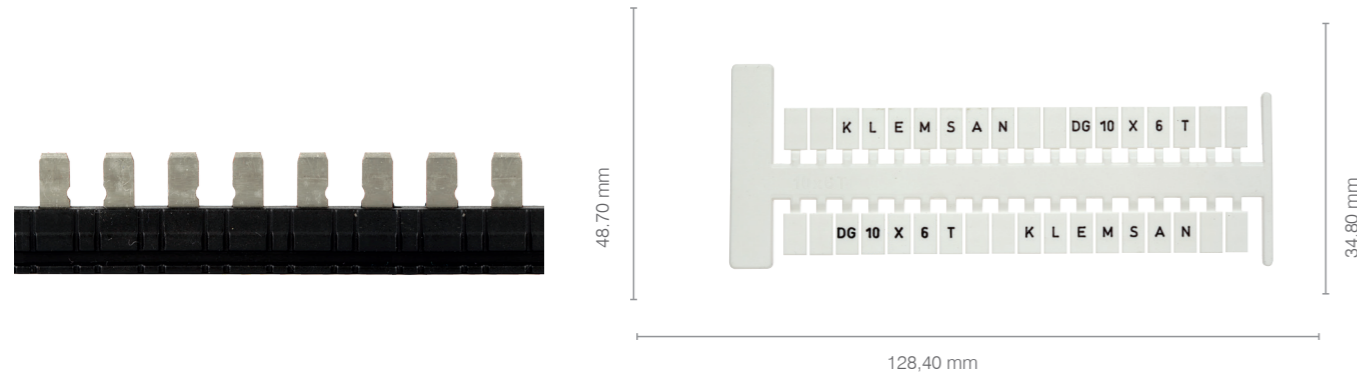
| Order No. | Product Name | Description | Pack. Pcs. |
|-----------|--------------------------------------|---------------------------------|------------|
| 272 504 | KPR-SWE-6VDC-2C 6VDC | 6VDC 8 A - 2 Contacts | 10 |
| 272 505 | KPR-SWE-6VDC-2C 6VDC(Relay Socket) | 6VDC-2C | 10 |
| 272 520 | KPR-SWE-12VAC/DC-2C | 12VAC/DC 8 A - 2 Contacts | 10 |
| 272 521 | KPR-SWE-12VAC/DC-2C (Relay Socket) | 12VAC/DC-2C | 10 |
| 272 524 | KPR-SWE-12VDC-2C | 12VDC 8 A - 2 Contacts | 10 |
| 272 525 | KPR-SWE-24VAC/DC-2C (Relay Socket) | 12VDC-2C | 10 |
| 272 540 | KPR-SWE-24VAC/DC-2C | 24VACDC 8 A - 2 Contacts | 10 |
| 272 541 | KPR-SWE-24VAC/DC-2C (Relay Socket) | 24VAC/DC-2C | 10 |
| 272 544 | KPR-SWE-24VDC-2C | 24VDC 8 A - 2 Contacts | 10 |
| 272 545 | KPR-SWE-24VDC-2C (Relay Socket) | 24VAC/DC-2C | 10 |
| 272 560 | KPR-SWE-48VAC/DC-2C | 48VAC/DC 8 A - 2 Contacts | 10 |
| 272 561 | KPR-SWE-48VAC/DC-2C (Relay Socket) | 48VAC/DC - 2C | 10 |
| 272 564 | KPR-SWE-48VDC-2C | 48VDC 8 A - 2 Contacts | 10 |
| 272 565 | KPR-SWE-48VDC-2C (Relay Socket) | 48VDC-2C | 10 |
| 272 580 | KPR-SWE-60VAC/DC-2C | 60VAC/DC 8 A - 2 Contacts | 10 |
| 272 581 | KPR-SWE-60VAC/DC-2C (Relay Socket) | 60VAC/DC-2C | 10 |
| 272 584 | KPR-SWE-60VDC-2C | 60VDC 8 A - 2 Contacts | 10 |
| 272 585 | KPR-SWE-60VDC-2C (Relay Socket) | 60VDC-2C | 10 |
| 272 600 | KPR-SWE-115VAC/DC-2C | 115VAC/DC 8 A - 2 Contacts | 10 |
| 272 601 | KPR-SWE-115VAC/DC-2C (Relay Socket) | 115VAC/DC-2C | 10 |
| 272 604 | KPR-SWE-115VDC-2C | 115VDC 8 A - 2 Contacts | 10 |
| 272 605 | KPR-SWE-115VDC-2C (Relay Socket) | 115VDC - 2C | 10 |
| 272 606 | KPR-SWF-115VAC/DC-2C | 115VDC 8 A - 2C RCZ Filtered | 10 |
| 272 607 | KPR-SWF-115VAC/DC-2C (Relay Socket) | 230VAC/DC-2C RCZ Filtered | 10 |
| 272 620 | KPR-SWE-230VAC/DC-2C | 230VAC /DC 8 A - 2 Contacts | 10 |
| 272 621 | KPR-SWE-230VAC/DC-2C (Relay Socket) | 230VAC/DC-2C | 10 |
| 272 622 | KPR-SWE-230VAC-2C | 230VAC 8 A - 2 Contacts | 10 |
| 272 623 | KPR-SWE-230VAC-2C (Relay Socket) | 230VAC-2C | 10 |
| 272 626 | KPR-SWF-230VAC/VDC-2C | 230VAC/DC 8 A - 2C RCZ Filtered | 10 |
| 272 627 | KPR-SWF-230VAC/VDC-2C (Relay Socket) | 230VAC/DC-2C Filtered | 10 |
| 272 628 | KPR-SWF-230VAC-2C | 230VAC 8 A - 2C RCZ Filtered | 10 |
| 272 629 | KPR-SWF-230VAC-2C (Relay Socket) | 230VAC-2C Filtered | 10 |

SPARE RELAY

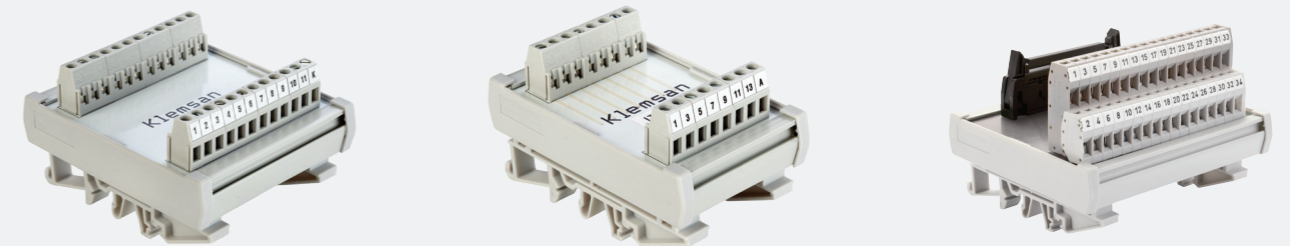
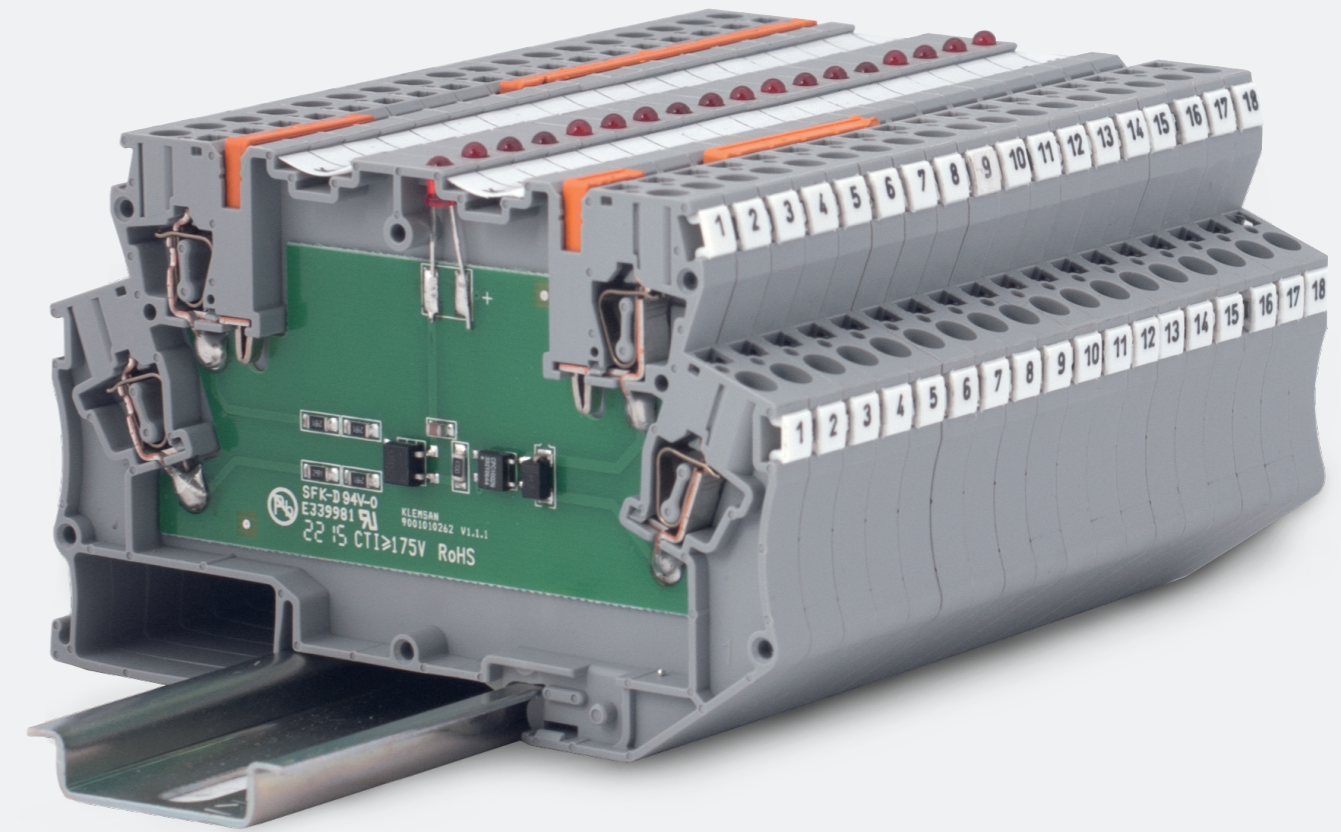
| Order No. | Product Name | Description | Pack. Pcs. |
|-----------|--------------------------------|---|------------|
| 095 050 | REL 110V DC WIDE TIP 8A/250VAC | Spare Relays for 115V, 230VAC and DC Products | 50 |
| 095 051 | REL 48V DC WIDE TIP 8A/250VAC | Spare Relays for 48V, 60VAC and DC Products | 50 |
| 095 052 | REL 24V DC WIDE TIP 8A/250VAC | Spare Relay for 24V AC / DC, 230V AC Products | 50 |
| 095 053 | REL 12V DC WIDE TIP 8A/250VAC | Spare Relays for 12V AC and DC Products | 50 |
| 095 054 | REL 5V DC WIDE TIP 8A/250VAC | Spare Relays for 6VAC and DC Products | 50 |

ACCESSORIES

| Order No. | Product Name | Description | Pack. Pcs. |
|-----------|--------------|---------------------------|------------|
| 476 900 | TK-KPR-SWE | Plug in bridge for 8 hole | 50 |
| 463 247 | APP - KPR | Separating Plate | 25 |
| 505 390 | DG 10/6T | Unprinted | 360 |



| | |
|-----------------------------|--|
| Contact Type | 2CO |
| Contact Capacity (CosØ = 1) | 8A 250VAC / 30VDC |
| Maximum Switching Voltage | 400VAC / 300VDC |
| Maximum Switching Current | 2x8A |
| Maximum Switching Power | 2000VA / 240W |
| Mechanical Life | 1 x 10 ⁷ |
| Electrical Life | NO 3 x 10 ⁴ (850°) NC 1 x 10 ³ (850°) |
| Operate Time | 18 msec max. |
| Release Time | 8 msec max. |



The **OPK-EKI** Optocoupler module provides electrical isolation between these circuits or components while transferring the electrical current between circuits or components of the circuit using a short optical transmission path. Mechanical relays can be used for load cutting as well.

With **WG-EKI** electronic terminals, you can make your system more secure,

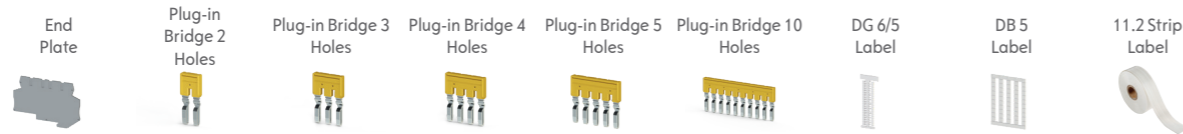
With the **FKM** flat cable module, time and cables can be saved,

With **LTM** modules can provide that all the lamps are tested at the same time, as well as the models that let you test each lamp individually.

DM diodes prevent overlapping of signals at different levels. Can be used to extinguish the reverse currents generated during the on / off state of inductive loads such as DC relay or coil or magnetic valves in warning signal circuits.

OPTOCOUPLER MODULES

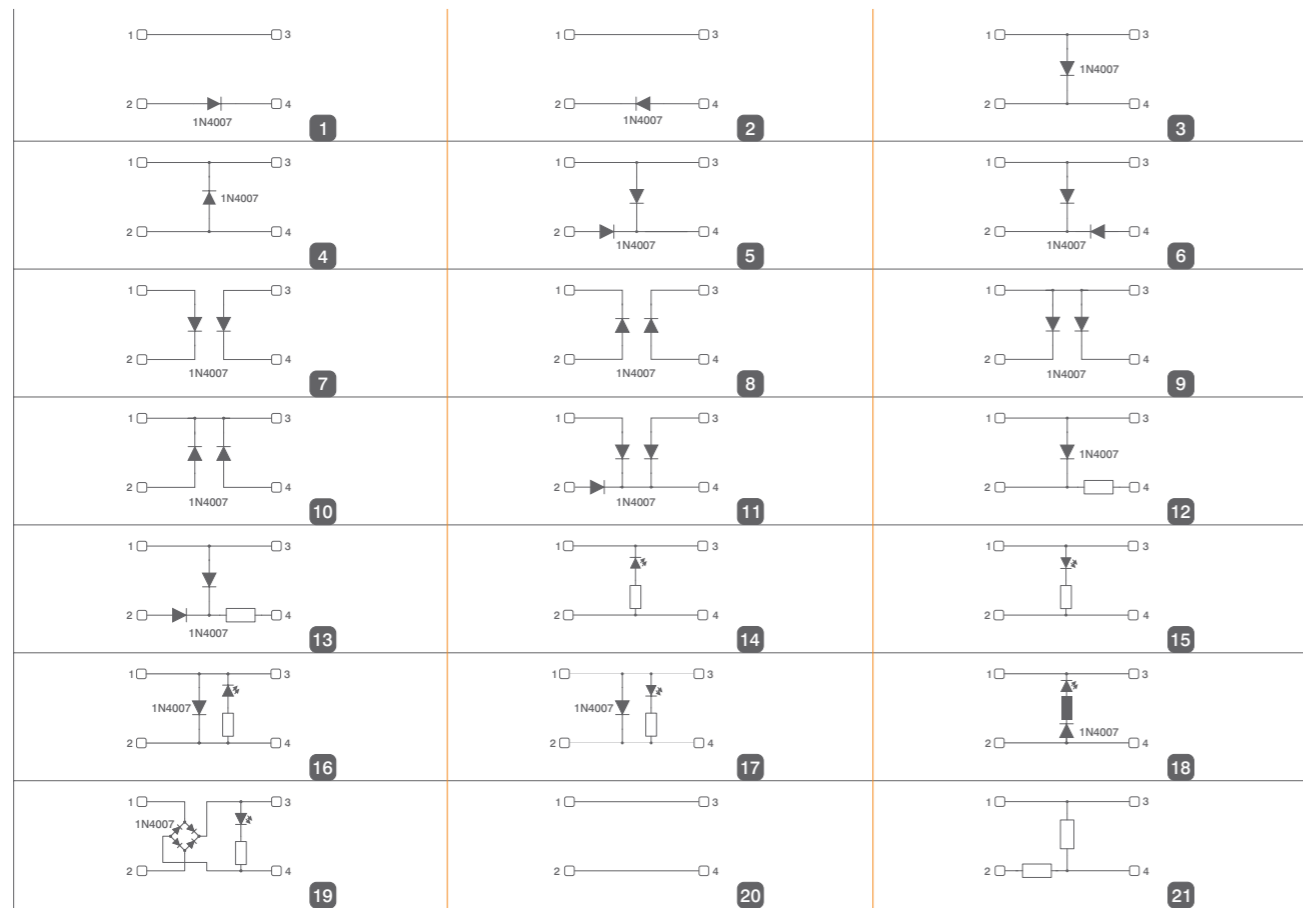
| Order No. | Description | Connection | Mounting | Input Voltage | Output | | Switching Type | Response Time |
|-----------|--------------------|--------------|----------|---------------|-------------------------|------------------------|----------------|---------------|
| | | | | | Switching Voltage Range | Max. Switching Current | | |
| 112 010N | Optocoupler Module | Spring clamp | Rail | 5V AC/DC | 5-48V DC | 0.65 A DC | High Side | <10ms |
| 112 110N | Optocoupler Module | Spring clamp | Rail | 12V AC/DC | 5-48V DC | 0.65 A DC | High Side | <10ms |
| 112 220N | Optocoupler Module | Spring clamp | Rail | 24V AC/DC | 5-48V DC | 0.65 A DC | High Side | <10ms |
| 112 320N | Optocoupler Module | Spring clamp | Rail | 48V AC/DC | 5-48V DC | 0.65 A DC | High Side | <10ms |
| 112 420N | Optocoupler Module | Spring clamp | Rail | 60V AC/DC | 5-48V DC | 0.65 A DC | High Side | <10ms |
| 112 520N | Optocoupler Module | Spring clamp | Rail | 110V AC/DC | 5-48V DC | 0.65 A DC | High Side | <10ms |
| 112 620N | Optocoupler Module | Spring clamp | Rail | 220V AC/DC | 5-48V DC | 0.65 A DC | High Side | <10ms |
| 112 710N | Optocoupler Module | Spring clamp | Rail | 9-72V DC | 3-30V DC | 5 A DC | High Side | <10ms |
| 112 720N | Optocoupler Module | Spring clamp | Rail | 9-72V DC | 3-30V DC | 5 A DC | Low Taraf | <10ms |
| 112 730N | Optocoupler Module | Spring clamp | Rail | 9-72V DC | 24-260VAC | 0.5 A AC | High Side | <10ms |



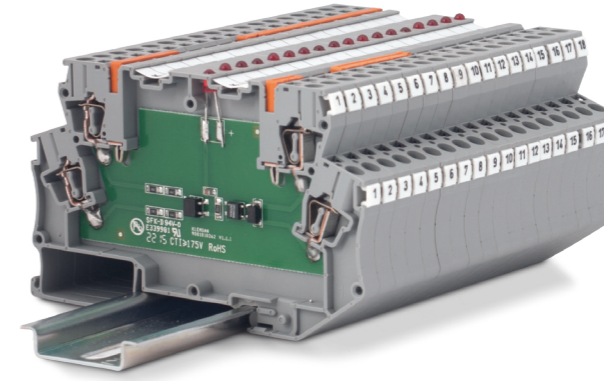
| | | | | | | | | | |
|--------------|---------|---------|---------|---------|---------|--------|----------|----------|---------|
| Order Number | 450389 | 470112 | 470113 | 470114 | 470115 | 470119 | 505330 | 505850 | 1020100 |
| Packing Qty. | 10 pcs. | 25 pcs. | 20 pcs. | 15 pcs. | 10 pcs. | 5 pcs. | 440 pcs. | 500 pcs. | 1 pcs. |

WG-EKI-N BLOCK DIAGRAMS

| Connection | Conductor cross section solid (min.-max.) | Conductor cross section Kemit (min.-max.) | Conductor cross section stranded (min.-max.) | 2 conductors with same cross section, stranded, TWIN ferrules with plastic sleeve(max.) | Maximum stripping length (min.-max.) | Diode reverse voltage | Diode forward voltage | Diode forward current |
|--------------|---|---|--|---|--------------------------------------|-----------------------|-----------------------|-----------------------|
| Spring Clamp | 0.008-4 mm ² | AVG 28-12 | 0.8-2.5 mm ² | 0.5 mm ² | 8-10 mm | 1000V | 0.7V | 1A |



WG-EKI-N

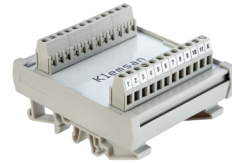


| Order No. | Type | Connection Figure | Description | Pack. Pcs. |
|-----------|-----------|-------------------|---------------------------------|------------|
| 110 010N | - | 1 | Reverse connection protection | 20 |
| 110 020N | - | 2 | Reverse connection protection | 20 |
| 110 030N | - | 3 | Reverse connection protection | 20 |
| 110 040N | - | 4 | Reverse connection protection | 20 |
| 110 050N | - | 5 | Lamp test | 20 |
| 110 060N | - | 6 | Lamp test | 20 |
| 110 070N | - | 7 | Reverse connection protection | 20 |
| 110 080N | - | 8 | Reverse connection protection | 20 |
| 110 090N | - | 9 | Lamp test | 20 |
| 110 100N | - | 10 | Lamp test | 20 |
| 110 110N | - | 11 | Lamp test | 20 |
| 110 120N | 24VAC/DC | 12 | Lamp test | 20 |
| 110 130N | 24VAC/DC | 13 | Lamp test | 20 |
| 110 140N | 24VDC | 14 | Voltage indicator | 20 |
| 110 150N | 110VDC | 14 | Voltage indicator | 20 |
| 110 160N | 220VDC | 14 | Voltage indicator | 20 |
| 110 170N | 24VDC | 15 | Voltage indicator | 20 |
| 110 180N | 48VAC/DC | 15 | Voltage indicator | 20 |
| 110 190N | 220VDC | 15 | Voltage indicator | 20 |
| 110 200N | 24VDC | 16 | Voltage indicator+flyback diode | 20 |
| 110 210N | 24VDC | 17 | Voltage indicator+flyback diode | 20 |
| 110 270N | 24VAC/DC | 18 | Voltage indicator | 20 |
| 110 280N | 48VAC/DC | 18 | Voltage indicator | 20 |
| 110 290N | 110VAC/DC | 18 | Voltage indicator | 20 |
| 110 300N | 220VAC/DC | 18 | Voltage indicator | 20 |
| 110 310N | 24VAC/DC | 19 | Voltage indicator+rectifier | 20 |
| 110 320N | 110VAC/DC | 19 | Voltage indicator+rectifier | 20 |
| 110 330N | 220VAC/DC | 19 | Voltage indicator+rectifier | 20 |
| 110 380N | - | 20 | Cross connection | 20 |
| 110 410N | 24VAC/DC | 21 | Voltage divider | 20 |

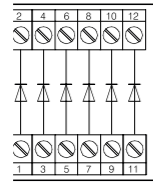


| | | | | | | | | | |
|---------------|---------|---------|---------|---------|---------|--------|----------|----------|---------|
| Order Number | 450389 | 470112 | 470113 | 470114 | 470115 | 470119 | 505330 | 505850 | 1020100 |
| Packing Unit. | 10 pcs. | 25 pcs. | 20 pcs. | 15 pcs. | 10 pcs. | 5 pcs. | 440 pcs. | 500 pcs. | 1 pcs. |

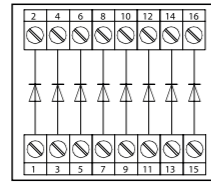
DM SERIES



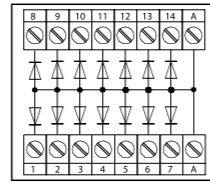
| Order No. | Product Name | Description | Packaging Pcs. |
|-----------|--------------|--------------------------|----------------|
| 113 030 | DM3-S | 3 Diodes | 20 |
| 113 051 | DM5-A-S | 5 Diodes Anot Bridge | 20 |
| 113 052 | DM5-K-S | 5 Diodes Cathode Bridge | 20 |
| 113 060 | DM 6-S | 6 Diodes | 3 |
| 113 080 | DM 8-S | 8 Diodes | 3 |
| 113 120 | DM 12-S | 12 Diodes | 2 |
| 113 141 | DM 14A-S | 14 Diodes Anot Bridge | 3 |
| 113 142 | DM 14K-S | 14 Diodes Cathode Bridge | 3 |
| 113 221 | DM 22A-S | 22 Diodes Anot Bridge | 2 |
| 113 222 | DM 22K-S | 22 Diodes Cathode Bridge | 2 |



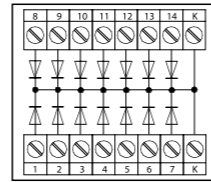
DM 6-S



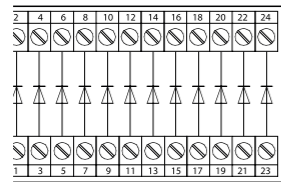
DM 8-S



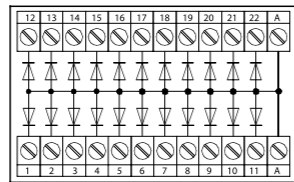
DM 14-A-S



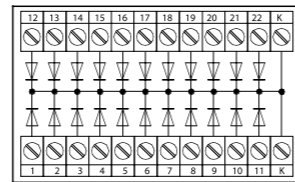
DM 14-K-S



DM 12-S

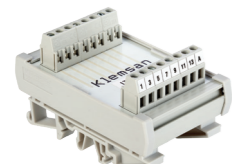


DM 22-A-S

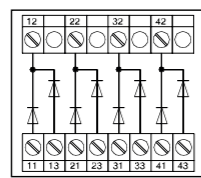


DM 22-K-S

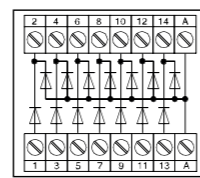
LTM SERIES



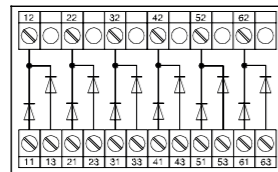
| Order No. | Product Name | Description | Pack. Pcs. |
|-----------|--------------|-------------------------|------------|
| 114 020 | LTM2-S | 2 Diodes | 20 |
| 114 040 | LTM 4-S | 4 Diodes | 3 |
| 114 060 | LTM 6-S | 6 Diodes | 2 |
| 114 071 | LTM 7 A-S | 7 Diodes Anot Bridge 11 | 3 |
| 114 111 | LTM 11 A-S | Diodes Cathode Bridge | 2 |



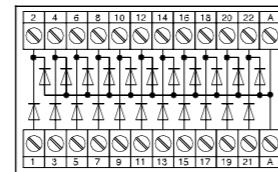
LTM 4-S



LTM 7-A-S

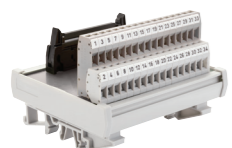


LTM 6-S



LTM 11-A-S

FKM SERIES



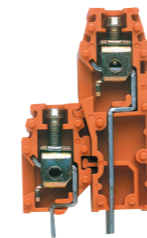
| Order No. | Product Name | Description | Pack. Pcs. |
|-----------|--------------|-------------|------------|
| 116 016 | FKM 16 | 16 Poles | 1 |
| 116 020 | FKM 20 | 20 Poles | 1 |
| 116 040 | FKM 40 | 40 Poles | 1 |
| 116 050 | FKM 50 | 50 Poles | 1 |

BDK 1 SERIES



| Order No. | Product Name | Cross-Section | Definition | Pack. Pcs. |
|-----------|--------------|---------------------|---------------------|------------|
| 090 117 | BDK1 | 2,5 mm ² | 1-Without end plate | 100 |
| 090 127 | BDK1/2 | 2,5 mm ² | 2-End plated | 100 |
| 090 137 | BDK1/3 | 2,5 mm ² | 3-End plated | 100 |
| 090 147 | BDK1/4 | 2,5 mm ² | 4-End plated | 100 |
| 090 157 | BDK1/5 | 2,5 mm ² | 5-End plated | 50 |
| 090 167 | BDK1/6 | 2,5 mm ² | 6-End plated | 50 |
| 090 177 | BDK1/7 | 2,5 mm ² | 7-End plated | 50 |
| 090 187 | BDK1/8 | 2,5 mm ² | 8-End plated | 50 |
| 090 197 | BDK1/9 | 2,5 mm ² | 9-End plated | 25 |
| 090 207 | BDK1/10 | 2,5 mm ² | 10-End plated | 25 |

BDK 1-2 SERIES

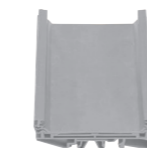


| Order No. | Product Name | Cross-Section | Definition | Pack. Pcs. |
|-----------|--------------|---------------------|---------------------|------------|
| 090 517 | BDK1-2 | 2,5 mm ² | 1-Without end plate | 100 |
| 090 527 | BDK1-2/2 | 2,5 mm ² | 2-End plated | 50 |
| 090 537 | BDK1-2/3 | 2,5 mm ² | 3-End plated | 50 |
| 090 547 | BDK1-2/4 | 2,5 mm ² | 4-End plated | 50 |
| 090 557 | BDK1-2/5 | 2,5 mm ² | 5-End plated | 25 |
| 090 567 | BDK1-2/6 | 2,5 mm ² | 6-End plated | 25 |
| 090 577 | BDK1-2/7 | 2,5 mm ² | 7-End plated | 25 |
| 090 587 | BDK1-2/8 | 2,5 mm ² | 8-End plated | 25 |
| 090 597 | BDK1-2/9 | 2,5 mm ² | 9-End plated | 10 |
| 090 607 | BDK1-2/10 | 2,5 mm ² | 10-End plated | 10 |
| 090 667 | BDK1-2/16 | 2,5 mm ² | 16-End plated | 10 |

BDK SERIES

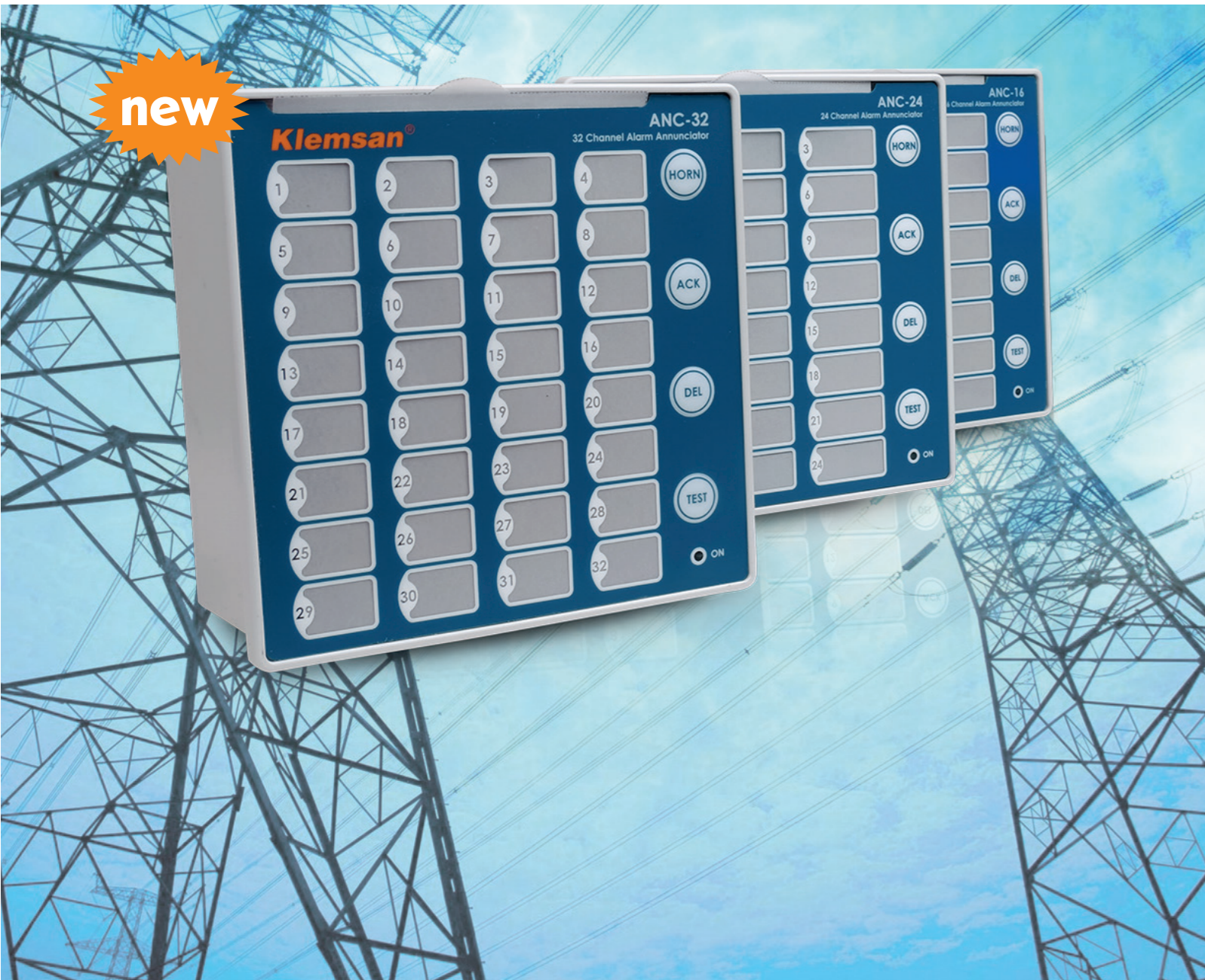
| Order No. | Product Name | Definition | Pack. Pcs. |
|-----------|--------------|----------------------|------------|
| 091 017 | NPP/BDK1 | End Plate for BDK1 | 100 |
| 091 037 | NPP/BDK1-2 | End Plate for BDK1-2 | 100 |

RA-PP-PK SERIES



| Order No. | Product Name | Definition | Pack. Pcs. |
|-----------|--------------|------------------------------------|------------|
| 498 450 | RA10 | Rail Adaptor MR 32 / MR 35 - Beige | 10 |
| 498 459 | RA10 | Rail Adaptor MR 32 / MR 35 - Grey | 10 |
| 250 107 | RA1 | Ray Adaptor | 20 |
| 250 117 | PP1 | Small Partition (73mm) | 1 |
| 250 207 | PK1 | Side Cover Without Mounting Hole | 20 |
| 250 217 | PK2 | Side Cover With Mounting Hole | 20 |

Monitoring
Controlling Communication
Visualizing **Data Logging**



| Order No. | Product Name | Number of Channel | Input Signal | Supply Voltage | Double colour Indicator | Built-in Buzzer | Memory (6080 events) and Communication (RS-485) | Horn and Alarm Relay | Relay output for each channel | Test, Horn and Del Functions | Delay Time Setting | Signal Inversion | First Alarm / Last Alarm | Internal Battery and RTC | Dimensions |
|-------------|--------------|-------------------|--------------|----------------|-------------------------|-----------------|---|----------------------|-------------------------------|------------------------------|--------------------|------------------|--------------------------|--------------------------|------------|
| new 604 670 | ANC-32 | 32 | 24V AC/DC | 85-300 AC/DC | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | 144x144 |
| new 604 671 | ANC-32 | 32 | 48V AC/DC | 85-300 AC/DC | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | 144x144 |
| new 604 672 | ANC-32 | 32 | 110V AC/DC | 85-300 AC/DC | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | 144x144 |
| new 604 673 | ANC-32 | 32 | 220V AC/DC | 85-300 AC/DC | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | 144x144 |
| new 604 675 | ANC-32 | 32 | 24V AC/DC | 24-50V AC/DC | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | 144x144 |
| new 604 676 | ANC-32 | 32 | 48V AC/DC | 24-50V AC/DC | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | 144x144 |
| new 604 677 | ANC-32 | 32 | 110V AC/DC | 24-50V AC/DC | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | 144x144 |
| new 604 678 | ANC-32 | 32 | 220V AC/DC | 24-50V AC/DC | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | 144x144 |
| new 604 660 | ANC-24 | 24 | 24V AC/DC | 85-300 AC/DC | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | 144x144 |
| new 604 661 | ANC-24 | 24 | 48V AC/DC | 85-300 AC/DC | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | 144x144 |
| new 604 662 | ANC-24 | 24 | 110V AC/DC | 85-300 AC/DC | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | 144x144 |
| new 604 663 | ANC-24 | 24 | 220V AC/DC | 85-300 AC/DC | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | 144x144 |
| new 604 665 | ANC-24 | 24 | 24V AC/DC | 24-50V AC/DC | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | 144x144 |
| new 604 666 | ANC-24 | 24 | 48V AC/DC | 24-50V AC/DC | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | 144x144 |
| new 604 667 | ANC-24 | 24 | 110V AC/DC | 24-50V AC/DC | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | 144x144 |
| new 604 668 | ANC-24 | 24 | 220V AC/DC | 24-50V AC/DC | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | 144x144 |
| 604 630 | ANC-16 | 16 | 24V AC/DC | 85-300 AC/DC | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | 144x144 |
| 604 631 | ANC-16 | 16 | 48V AC/DC | 85-300 AC/DC | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | 144x144 |
| 604 632 | ANC-16 | 16 | 110V AC/DC | 85-300 AC/DC | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | 144x144 |
| 604 633 | ANC-16 | 16 | 220V AC/DC | 85-300 AC/DC | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | 144x144 |
| 604 650 | ANC-16 | 16 | 24V AC/DC | 24-50V AC/DC | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | 144x144 |
| 604 651 | ANC-16 | 16 | 48V AC/DC | 24-50V AC/DC | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | 144x144 |
| 604 652 | ANC-16 | 16 | 110V AC/DC | 24-50V AC/DC | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | 144x144 |
| 604 653 | ANC-16 | 16 | 220V AC/DC | 24-50V AC/DC | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | 144x144 |
| 604 620 | ANC-8 | 8 | 24V AC/DC | 110-300V AC/DC | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | 96x96 |
| 604 621 | ANC-8 | 8 | 48V AC/DC | 110-300V AC/DC | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | 96x96 |
| 604 622 | ANC-8 | 8 | 110V AC/DC | 110-300V AC/DC | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | 96x96 |
| 604 623 | ANC-8 | 8 | 220V AC/DC | 110-300V AC/DC | ✓ | ✓ | ✓ | ✓ | | ✓ | ✓ | ✓ | ✓ | ✓ | 96x96 |

ANNUNCIATORS

An alarm annunciator is an automation device that provides immediate fault recognition, fault identification, visual and audible alarm for an abnormal process situation.

An alarm annunciator monitors input parameters continuously and when a faulty condition occurs, it visualizes alarm status immediately or with adjustable time delay. It provides to control your process through relay outputs and modbus communication. Data logging with real time gives you opportunity to analyze your system.

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|----------|-----------------|----------|----------------|-----------------|----------------|----------------|----------------|----------------|----------------|----------------|--------------|----------------|-------------|----|
| 304 120 | AVK 2,5 | 4 | 375 900 | WGO 2 IR | 11 | 353 309 | AVK 4 FS | 16 | 307 199 | SC-PT 2.5 | 34 | | | |
| 304 200 | AVK 2,5 RD | 4 | 375 909 | WGO 4 | 11 | 351 129 | ASK 4 | 17 | 307 189 | SC-PTS 2.5 | 34 | | | |
| 304 130 | AVK 4 | 4 | 376 090 | | | 351 719 | ASK 4 LD | 17 | 310 209 | SG-PT 2.5-1 | 35 | 310 219 | SG-PT 2.5-2 | 35 |
| 304 210 | AVK 4 RD | 4 | 376 000 | | | 351 729 | | | 310 229 | SG-PT 2.5-3 | 35 | 310 239 | SG-PT 2.5-4 | 35 |
| 304 140 | AVK 6 | 4 | 370 500 | 351 739 | 310 249 | SG-PT 2.5-5 | | | 35 | 310 259 | SG-PT 2.5-6 | 35 | | |
| 304 150 | AVK 10 | 4 | 370 590 | 351 749 | 310 269 | SG-PT 2.5-7 | | | 35 | 310 279 | SG-PT 2.5-8 | 35 | | |
| 304 240 | AVK 16 RD | 4 | 370 501 | 351 759 | 310 289 | SG-PT 2.5-9 | | | 35 | 310 299 | SG-PT 2.5-10 | 35 | | |
| 304 290 | AVK 25 RD | 4 | 370 591 | 370 502 | 310 309 | SG-PT 2.5-11 | | | 35 | 310 319 | SG-PT 2.5-12 | 35 | | |
| 304 580 | AVK 35 RDS | 5 | 370 592 | WGO 1 | 11 | 310 329 | | | SG-PT 2.5-13 | 35 | 310 339 | SG-PT 2.5-14 | 35 | |
| 304 590 | AVK 35 IRDS | 5 | 370 503 | | | 310 349 | | | SG-PT 2.5-15 | 35 | 310 389 | SG-PT 2.5CS-1 | 35 | |
| 304 330 | AVK 50 | 5 | 370 593 | | | 310 399 | | | SG-PT 2.5CS-2 | 35 | 310 399 | SG-PT 2.5CS-2 | 35 | |
| 304 490 | AVK 70 RD | 5 | 375 919 | | | WGO Y 6 | 12 | 310 409 | SG-PT 2.5CS-3 | 35 | 310 409 | SG-PT 2.5CS-3 | 35 | |
| 304 340 | AVK 95 | 5 | 308 069 | | | WGO YD 6 | 12 | 310 419 | SG-PT 2.5CS-4 | 35 | 310 419 | SG-PT 2.5CS-4 | 35 | |
| 304 350 | AVK 150 | 5 | 308 079 | | | WGO PB 6/NM | 12 | 310 429 | SG-PT 2.5CS-5 | 35 | 310 429 | SG-PT 2.5CS-5 | 35 | |
| 304 360 | AVK 240 | 5 | 495 109 | WGO PBD 6/NM | 12 | 310 439 | SG-PT 2.5CS-6 | 35 | 310 439 | SG-PT 2.5CS-6 | 35 | | | |
| 304 370 | AVK EK6 | 5 | 495 100 | KD 6A | 12 | 310 449 | SG-PT 2.5CS-7 | 35 | 310 449 | SG-PT 2.5CS-7 | 35 | | | |
| 304 300 | AVK 95 B | 6 | 498 190 | | | 310 459 | SG-PT 2.5CS-8 | 35 | 310 459 | SG-PT 2.5CS-8 | 35 | | | |
| 304 310 | AVK 150 B | 6 | 499 459 | | | 310 469 | SG-PT 2.5CS-9 | 35 | 310 469 | SG-PT 2.5CS-9 | 35 | | | |
| 304 320 | AVK 240 B | 6 | 499 450 | CB 144 | 12 | 310 479 | SG-PT 2.5CS-10 | 35 | 310 479 | SG-PT 2.5CS-10 | 35 | | | |
| 334 170 | AVK 2,5 T RD | 6 | 498 270 | | | 310 489 | SG-PT 2.5CS-11 | 35 | 310 489 | SG-PT 2.5CS-11 | 35 | | | |
| 334 180 | AVK 4 T RD | 6 | 495 109 | | | 310 499 | SG-PT 2.5CS-12 | 35 | 310 499 | SG-PT 2.5CS-12 | 35 | | | |
| 334 450 | AVK 2,5 / 4 TK | 6 | 495 100 | KD 6A PIN | 12 | 310 509 | SG-PT 2.5CS-13 | 35 | 310 509 | SG-PT 2.5CS-13 | 35 | | | |
| 334 460 | AVK 6 TK | 6 | 498 187 | | | 310 519 | SG-PT 2.5CS-14 | 35 | 310 519 | SG-PT 2.5CS-14 | 35 | | | |
| 334 470 | AVK 10 TK | 6 | 317 109 | | | PIK 2,5 N | 13 | 310 529 | SG-PT 2.5CS-15 | 35 | 310 529 | SG-PT 2.5CS-15 | 35 | |
| 334 200 | AVK 16 T RD | 7 | 317 129 | PIK 2,5 NK | 13 | 310 539 | SG-PT 2.5AN-1 | 35 | 310 539 | SG-PT 2.5AN-1 | 35 | | | |
| 334 210 | AVK 35 T RD | 7 | 317 219 | PIK 2,5 ND | 13 | 310 549 | SG-PT 2.5AN-2 | 35 | 310 549 | SG-PT 2.5AN-2 | 35 | | | |
| 334 250 | AVK 35 T IRDS | 7 | 317 329 | PIK 2,5 NLD | 13 | 310 559 | SG-PT 2.5AN-3 | 35 | 310 559 | SG-PT 2.5AN-3 | 35 | | | |
| 334 190 | AVK 50 T | 7 | 317 329 | | | 310 569 | SG-PT 2.5AN-4 | 35 | 310 569 | SG-PT 2.5AN-4 | 35 | | | |
| 304 509 | AVK Y 4 | 7 | 317 319 | | | 310 579 | SG-PT 2.5AN-5 | 35 | 310 579 | SG-PT 2.5AN-5 | 35 | | | |
| 304 519 | AVK Y 6 | 7 | 317 629 | | | 310 589 | SG-PT 2.5AN-6 | 35 | 310 589 | SG-PT 2.5AN-6 | 35 | | | |
| 304 529 | AVK Y 10 | 7 | 317 319 | | | 310 599 | SG-PT 2.5AN-7 | 35 | 310 599 | SG-PT 2.5AN-7 | 35 | | | |
| 304 600 | AVK Y 4A | 7 | 317 729 | | | 310 609 | SG-PT 2.5AN-8 | 35 | 310 609 | SG-PT 2.5AN-8 | 35 | | | |
| 308 029 | PB 2,5 / NM | 8 | 317 319 | PIK 2,5 RD | 13 | 310 619 | SG-PT 2.5AN-9 | 35 | 310 619 | SG-PT 2.5AN-9 | 35 | | | |
| 308 039 | PB 2,5K / NM | 8 | 319 109 | PIK 4 N | 13 | 310 629 | SG-PT 2.5AN-10 | 35 | 310 629 | SG-PT 2.5AN-10 | 35 | | | |
| 337 010 | PB 2,5T / NM | 8 | 319 129 | PIK 4 NK | 13 | 310 639 | SG-PT 2.5AN-11 | 35 | 310 639 | SG-PT 2.5AN-11 | 35 | | | |
| 308 009 | PB 6 / NM | 8 | 319 219 | PIK 4 ND | 13 | 310 649 | SG-PT 2.5AN-12 | 35 | 310 649 | SG-PT 2.5AN-12 | 35 | | | |
| 308 019 | PB 6K / NM | 8 | 319 329 | PIK 4 NLD | 13 | 310 659 | SG-PT 2.5AN-13 | 35 | 310 659 | SG-PT 2.5AN-13 | 35 | | | |
| 337 000 | PB 6T / NM | 8 | 319 319 | | | 310 669 | SG-PT 2.5AN-14 | 35 | 310 669 | SG-PT 2.5AN-14 | 35 | | | |
| 308 049 | PB 25 / NM (M5) | 8 | 319 429 | | | 310 679 | SG-PT 2.5AN-15 | 35 | 310 679 | SG-PT 2.5AN-15 | 35 | | | |
| 300 059 | PB 25 / NM (M6) | 8 | 319 319 | | | 310 689 | SG-PT 2.5AN-16 | 35 | 310 689 | SG-PT 2.5AN-16 | 35 | | | |
| 326 809 | CPB 6 | 9 | 319 729 | | | 310 699 | SG-PT 2.5AN-17 | 35 | 310 699 | SG-PT 2.5AN-17 | 35 | | | |
| 326 819 | CPB 6 B | 9 | 319 319 | | | 310 709 | SG-PT 2.5AN-18 | 35 | 310 709 | SG-PT 2.5AN-18 | 35 | | | |
| 324 909 | AVK 2,5 CC | 9 | 325 249 | PIK 2,5 RD | 13 | 310 719 | SG-PT 2.5AN-19 | 35 | 310 719 | SG-PT 2.5AN-19 | 35 | | | |
| 334 220 | AVK 2,5 CCT | 9 | 319 109 | PIK 4 N | 13 | 310 729 | SG-PT 2.5AN-20 | 35 | 310 729 | SG-PT 2.5AN-20 | 35 | | | |
| 325 229 | AVK 4 CE | 9 | 319 129 | PIK 4 ND | 13 | 310 739 | SG-PT 2.5AN-21 | 35 | 310 739 | SG-PT 2.5AN-21 | 35 | | | |
| 325 209 | AVK 4 CC | 9 | 319 219 | PIK 4 NLD | 13 | 310 749 | SG-PT 2.5AN-22 | 35 | 310 749 | SG-PT 2.5AN-22 | 35 | | | |
| 334 260 | AVK 4 CCT | 9 | 319 329 | | | 310 759 | SG-PT 2.5AN-23 | 35 | 310 759 | SG-PT 2.5AN-23 | 35 | | | |
| 304 409 | AVK 2,5 R | 10 | 319 319 | | | 310 769 | SG-PT 2.5AN-24 | 35 | 310 769 | SG-PT 2.5AN-24 | 35 | | | |
| 334 280 | AVK 2,5 RT | 10 | 319 429 | | | 310 779 | SG-PT 2.5AN-25 | 35 | 310 779 | SG-PT 2.5AN-25 | 35 | | | |
| 304 390 | AVK 4 R | 10 | 319 629 | | | 310 789 | SG-PT 2.5AN-26 | 35 | 310 789 | SG-PT 2.5AN-26 | 35 | | | |
| 334 270 | AVK 4 RT | 10 | 319 319 | | | 310 799 | SG-PT 2.5AN-27 | 35 | 310 799 | SG-PT 2.5AN-27 | 35 | | | |
| 324 949 | AVK 2,5 EA | 10 | 319 729 | 310 809 | SG-PT 2.5AN-28 | 35 | 310 809 | SG-PT 2.5AN-28 | 35 | | | | | |
| 324 939 | AVK 2,5 CCA | 10 | 319 319 | 310 819 | SG-PT 2.5AN-29 | 35 | 310 819 | SG-PT 2.5AN-29 | 35 | | | | | |
| 304 380 | AVK 4 A | 10 | 325 349 | PIK 4 RD | 13 | 310 829 | SG-PT 2.5AN-30 | 35 | 310 829 | SG-PT 2.5AN-30 | 35 | | | |
| 325 239 | AVK 4 CEA | 11 | 319 809 | PIK 4 FS | 14 | 310 839 | SG-PT 2.5AN-31 | 35 | 310 839 | SG-PT 2.5AN-31 | 35 | | | |
| 325 219 | AVK 4 CCA | 11 | 319 909 | PIK 10 N | 14 | 310 849 | SG-PT 2.5AN-32 | 35 | 310 849 | SG-PT 2.5AN-32 | 35 | | | |
| 375 790 | WGL 1 | 11 | 336 560 | PIK 2,5 NT | 14 | 310 859 | SG-PT 2.5AN-33 | 35 | 310 859 | SG-PT 2.5AN-33 | 35 | | | |
| 375 600 | WGO 3 | 11 | 336 570 | PIK 4 NT | 14 | 310 869 | SG-PT 2.5AN-34 | 35 | 310 869 | SG-PT 2.5AN-34 | 35 | | | |
| 375 690 | | | 336 570 | PIK 4 NT | 14 | 310 879 | SG-PT 2.5AN-35 | 35 | 310 879 | SG-PT 2.5AN-35 | 35 | | | |
| 375 601 | | | 324 109 | PUK 3 | 14 | 310 889 | SG-PT 2.5AN-36 | 35 | 310 889 | SG-PT 2.5AN-36 | 35 | | | |
| 375 691 | | | 324 309 | PUK 3 T | 14 | 310 899 | SG-PT 2.5AN-37 | 35 | 310 899 | SG-PT 2.5AN-37 | 35 | | | |
| 375 604 | | | 324 209 | PUK 2 T | 14 | 310 909 | SG-PT 2.5AN-38 | 35 | 310 909 | SG-PT 2.5AN-38 | 35 | | | |
| 375 694 | | | 324 409 | PUK 3 S | 15 | 310 919 | SG-PT 2.5AN-39 | 35 | 310 919 | SG-PT 2.5AN-39 | 35 | | | |
| 375 603 | | | 324 419 | PUK 3 SLD (NPN) | 15 | 310 929 | SG-PT 2.5AN-40 | 35 | 310 929 | SG-PT 2.5AN-40 | 35 | | | |
| 375 693 | | | 324 429 | PUK 3 SLD (PNP) | 15 | 310 939 | SG-PT 2.5AN-41 | 35 | 310 939 | SG-PT 2.5AN-41 | 35 | | | |
| 375 602 | | | 324 439 | ASK 5 | 15 | 310 949 | SG-PT 2.5AN-42 | 35 | 310 949 | SG-PT 2.5AN-42 | 35 | | | |
| 375 692 | 324 449 | ASK 5 LD | 15 | 310 959 | SG-PT 2.5AN-43 | 35 | 310 959 | SG-PT 2.5AN-43 | 35 | | | | | |
| 375 800 | WGO 2 N | 11 | 353 439 | ASK 5 LD | 15 | 310 969 | SG-PT 2.5AN-44 | 35 | 310 969 | SG-PT 2.5AN-44 | 35 | | | |
| 375 890 | | | 324 459 | ASK 2 S | 15 | 310 979 | SG-PT 2.5AN-45 | 35 | 310 979 | SG-PT 2.5AN-45 | 35 | | | |
| 375 801 | | | 351 109 | ASK 2 LD | 15 | 310 989 | SG-PT 2.5AN-46 | 35 | 310 989 | SG-PT 2.5AN-46 | 35 | | | |
| 375 891 | | | 351 219 | | | 310 999 | SG-PT 2.5AN-47 | 35 | 310 999 | SG-PT 2.5AN-47 | 35 | | | |
| 375 804 | | | 353 449 | | | 310 109 | SG-PT 2.5AN-48 | 35 | 310 109 | SG-PT 2.5AN-48 | 35 | | | |
| 375 894 | | | 351 229 | | | 310 119 | SG-PT 2.5AN-49 | 35 | 310 119 | SG-PT 2.5AN-49 | 35 | | | |
| 375 803 | | | 353 439 | | | 310 139 | SG-PT 2.5AN-50 | 35 | 310 139 | SG-PT 2.5AN-50 | 35 | | | |
| 375 893 | | | 351 329 | | | 310 159 | SG-PT 2.5AN-51 | 35 | 310 159 | SG-PT 2.5AN-51 | 35 | | | |
| 375 802 | | | 351 519 | 310 179 | SG-PT 2.5AN-52 | 35 | 310 179 | SG-PT 2.5AN-52 | 35 | | | | | |
| 375 892 | | | 351 629 | 310 199 | SG-PT 2.5AN-53 | 35 | 310 199 | SG-PT 2.5AN-53 | 35 | | | | | |
| | | | 355 109 | 310 219 | SG-PT 2.5AN-54 | 35 | 310 219 | SG-PT 2.5AN-54 | 35 | | | | | |
| | | | 355 219 | 310 239 | SG-PT 2.5AN-55 | 35 | 310 239 | SG-PT 2.5AN-55 | 35 | | | | | |
| | 355 229 | 310 259 | SG-PT 2.5AN-56 | 35 | 310 259 | SG-PT 2.5AN-56 | 35 | | | | | | | |
| | 355 319 | 310 279 | SG-PT 2.5AN-57 | 35 | 310 279 | SG-PT 2.5AN-57 | 35 | | | | | | | |
| | 355 329 | 310 299 | SG-PT 2.5AN-58 | 35 | 310 299 | SG-PT 2.5AN-58 | 35 | | | | | | | |
| | 355 519 | 310 319 | SG-PT 2.5AN-59 | 35 | 310 319 | SG-PT 2.5AN-59 | 35 | | | | | | | |
| | 355 529 | 310 339 | SG-PT 2.5AN-60 | 35 | 310 339 | SG-PT 2.5AN-60 | 35 | | | | | | | |
| | 355 629 | 310 359 | SG-PT 2.5AN-61 | 35 | 310 359 | SG-PT 2.5AN-61 | 35 | | | | | | | |
| | 354 109 | 310 379 | SG-PT 2.5AN-62 | 35 | 310 379 | SG-PT 2.5AN-62 | 35 | | | | | | | |
| | 354 229 | 310 399 | SG-PT 2.5AN-63 | 35 | 310 399 | SG-PT 2.5AN-63 | 35 | | | | | | | |
| | 354 319 | 310 419 | SG-PT 2.5AN-64 | 35 | 310 419 | SG-PT 2.5AN-64 | 35 | | | | | | | |
| | 354 329 | 310 439 | SG-PT 2.5AN-65 | 35 | 310 439 | SG-PT 2.5AN-65 | 35 | | | | | | | |
| | 354 519 | 310 459 | SG-PT 2.5AN-66 | 35 | 310 459 | SG-PT 2.5AN-66 | 35 | | | | | | | |
| | 354 529 | 310 479 | SG-PT 2.5AN-67 | 35 | 310 479 | SG-PT 2.5AN-67 | 35 | | | | | | | |
| | 354 619 | 310 499 | SG-PT 2.5AN-68 | 35 | 310 499 | SG-PT 2.5AN-68 | 35 | | | | | | | |
| | 354 629 | 310 519 | SG-PT 2.5AN-69 | 35 | 310 519 | SG-PT 2.5AN-69 | 35 | | | | | | | |
| | 354 629 | 310 539 | SG-PT 2.5AN-70 | 35 | 310 539 | SG-PT 2.5AN-70 | 35 | | | | | | | |
| | | 310 559 | SG-PT 2.5AN-71 | 35 | 310 559 | SG-PT 2.5AN-71 | 35 | | | | | | | |
| | | 310 579 | SG-PT 2.5AN-72 | 35 | 310 579 | SG-PT 2.5AN-72 | 35 | | | | | | | |
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| | | 310 639 | SG-PT 2.5AN-75 | 35 | 310 639 | SG-PT 2.5AN-75 | 35 | | | | | | | |
| | | 310 659 | SG-PT 2.5AN-76 | 35 | 310 659 | SG-PT 2.5AN-76 | 35 | | | | | | | |
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| | | 310 739 | SG-PT 2.5AN-80 | 35 | 310 739 | SG-PT 2.5AN-80 | 35 | | | | | | | |
| | | 310 759 | SG-PT 2.5AN-81 | 35 | 310 759 | SG-PT 2.5AN-81 | 35 | | | | | | | |
| | | 310 779 | SG-PT 2.5AN-82 | 35 | 310 779 | SG-PT 2.5AN-82 | 35 | | | | | | | |
| | | 310 799 | SG-PT 2.5AN-83 | 35 | 310 799 | SG-PT 2.5AN-83 | 35 | | | | | | | |
| | | 310 819 | SG-PT 2.5AN-84 | 35 | 310 819 | SG-PT 2.5AN-84 | 35 | | | | | | | |
| | | 310 839 | SG-PT 2.5AN-85 | 35 | 310 839 | | | | | | | | | |

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| 270 153 | P1-SP | 52 | 270 795 | KPR-SCE-6VDC-1C (Relay Socket) | 54 | 272 521 | KPR-SWE-12VAC/DC-2C (Relay Socket) | 56 | 602 701 | PISO-DC-DUO | 59 |
| 270 154 | P1-SA | 52 | 270 800 | KPR-SCE-12VAC/DC-1C | 54 | 272 524 | KPR-SWE-12VDC-2C | 56 | 602 702 | PISO-DC-DUO | 59 |
| 270 155 | P1-SAP | 52 | 270 801 | KPR-SCE-12VAC/DC-1C (Relay Socket) | 54 | 272 525 | KPR-SWE-24VAC/DC-2C (Relay Socket) | 56 | 602 703 | PISO-DC-DUO | 59 |
| 270 254 | P1D-SA | 52 | 270 804 | KPR-SCE-12VDC-1C | 54 | 272 540 | KPR-SWE-24VAC/DC-2C | 56 | 604 100 | TT-RTD-LP-C (-50°C .. 100°C) | 60 |
| 270 255 | P1D-SAP | 52 | 270 805 | KPR-SCE-12VDC-1C (Relay Socket) | 54 | 272 541 | KPR-SWE-24VAC/DC-2C (Relay Socket) | 56 | 604 101 | TT-RTD-LP-C (0°C .. 100°C) | 60 |
| 270 256 | C1D-SA | 52 | 270 811 | KPR-SCE-24VAC/DC-1C (Relay Socket) | 54 | 272 544 | KPR-SWE-24VDC-2C | 56 | 604 102 | TT-RTD-LP-C (0°C .. 150°C) | 60 |
| 270 257 | C1D-SAP | 52 | 270 814 | KPR-SCE-24VDC-1C | 54 | 272 545 | KPR-SWE-24VDC-2C (Relay Socket) | 56 | 604 103 | TT-RTD-LP-C (0°C .. 200°C) | 60 |
| 270 258 | C1D-SVP | 52 | 270 815 | KPR-SCE-24VDC-1C (Relay Socket) | 54 | 272 560 | KPR-SWE-48VAC/DC-2C | 56 | 604 104 | TT-RTD-LP-C (0°C .. 300°C) | 60 |
| 270 400 | P1-SU-220V-AC | 52 | 270 820 | KPR-SCE-48VAC/DC-1C | 54 | 272 561 | KPR-SWE-48VAC/DC-2C (Relay Socket) | 56 | 604 105 | TT-RTD-LP-C (-50°C .. 150°C) | 60 |
| 270 401 | P1-SU-220V-AC | 52 | 270 821 | KPR-SCE-48VAC/DC-1C (Relay Socket) | 54 | 272 564 | KPR-SWE-48VDC-2C | 56 | 604 106 | TT-RTD-LP-C (-50°C .. 200°C) | 60 |
| 270 402 | P1-SU-110V-AC | 52 | 270 824 | KPR-SCE-48VDC-1C | 54 | 272 565 | KPR-SWE-48VDC-2C (Relay Socket) | 56 | 604 107 | TT-RTD-LP-C (0°C .. 500°C) | 60 |
| 270 403 | P1-SU-110V-AC | 52 | 270 825 | KPR-SCE-48VDC-1C (Relay Socket) | 54 | 272 580 | KPR-SWE-60VAC/DC-2C | 56 | 603 860 | TT-RTD-LP (-50°C .. 100°C) | 60 |
| 270 156 | C1-SA | 52 | 270 830 | KPR-SCE-60VAC/DC-1C | 54 | 272 581 | KPR-SWE-60VAC/DC-2C (Relay Socket) | 56 | 603 861 | TT-RTD-LP (0°C .. 100°C) | 60 |
| 270 157 | C1-SAP | 52 | 270 831 | KPR-SCE-60VAC/DC-1C (Relay Socket) | 54 | 272 584 | KPR-SWE-60VDC-2C | 56 | 603 862 | TT-RTD-LP (0°C .. 150°C) | 60 |
| 270 158 | C1-SVP | 52 | 270 834 | KPR-SCE-60VDC-1C | 54 | 272 585 | KPR-SWE-60VDC-2C (Relay Socket) | 56 | 603 863 | TT-RTD-LP (0°C .. 200°C) | 60 |
| 270 159 | V1 | 52 | 270 835 | KPR-SCE-115VAC/DC-1C (Relay Socket) | 54 | 272 600 | KPR-SWE-115VAC/DC-2C | 56 | 603 864 | TT-RTD-LP (0°C .. 300°C) | 60 |
| 270 160 | V1-S | 52 | 270 841 | KPR-SCE-115VAC/DC-1C (Relay Socket) | 54 | 272 601 | KPR-SWE-115VAC/DC-2C (Relay Socket) | 56 | 603 865 | 865 TT-RTD-LP (-50°C .. 150°C) | 60 |
| 270 170 | V1-M | 52 | 270 844 | KPR-SCE-115VDC-1C | 54 | 272 604 | KPR-SWE-115VAC/DC-2C | 56 | 603 866 | TT-RTD-LP (-50°C .. 200°C) | 60 |
| 270 162 | V1-T | 52 | 270 845 | KPR-SCE-115VDC-1C (Relay Socket) | 54 | 272 605 | KPR-SWE-115VAC/DC-2C (Relay Socket) | 56 | 603 867 | TT-RTD-LP (0°C .. 500°C) | 60 |
| 270 259 | V1D | 52 | 270 846 | KPR-SCF-115VAC/DC-1C | 54 | 272 606 | KPR-SWF-115VAC/DC-2C | 56 | 600 100 | CT3-AC | 60 |
| 270 260 | V1D-S | 52 | 270 851 | KPR-SCE-230VAC/DC-1C (Relay Socket) | 54 | 272 607 | KPR-SWF-115VAC/DC-2C (Relay Socket) | 56 | 600 102 | CT3-AC-24 | 60 |
| 270 130 | G1-SA | 52 | 270 852 | KPR-SCE-230VAC-1C | 54 | 272 620 | KPR-SWE-230VAC/DC-2C | 56 | 600 104 | CT3-AC-LP | 60 |
| 270 131 | G1-SAP | 52 | 270 853 | KPR-SCE-230VAC-1C (Relay Socket) | 54 | 272 621 | KPR-SWE-230VAC/DC-2C (Relay Socket) | 56 | 600 101 | VT3-AC | 60 |
| 270 136 | G1-A | 52 | 270 856 | KPR-SCF-230VAC/DC-1C | 54 | 272 622 | KPR-SWE-230VDC-2C | 56 | 600 103 | VT3-AC-24 | 60 |
| 270 140 | G1D-SA | 52 | 270 857 | KPR-SCF-230VAC/DC-1C (Relay Socket) | 54 | 272 623 | KPR-SWE-230VAC-2C (Relay Socket) | 56 | 600 105 | VT3-AC-LP | 60 |
| 270 141 | G1D-SA-L | 52 | 270 858 | KPR-SCF-230VAC-1C | 54 | 272 626 | KPR-SWF-230VAC/VDC-2C | 56 | 600 106 | VT3-ACDC-24 | 60 |
| 270 137 | G1-SAT | 52 | 270 859 | KPR-SCF-230VAC-1C (Relay Socket) | 54 | 272 627 | KPR-SWF-230VAC/VDC-2C (Relay Socket) | 56 | 112 010N | Optocoupler Modul | 62 |
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| 270 132 | M1-SA | 52 | 095 041 | REL 24V DC SLIM TYPE 6A/250VAC | 54 | 095 053 | REL 12V DC WIDE TIP 8A/250VAC | 56 | 112 620N | Optocoupler Modul | 62 |
| 270 135 | M1-SP | 52 | 271 504 | KPR-CIE-6VDC-1C | 55 | 095 054 | REL 5V DC WIDE TIP 8A/250VAC | 56 | 112 710N | Optocoupler Modul | 62 |
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| 270 144 | M1D-SA | 52 | 271 520 | KPR-CIE-24VAC/DC-1C | 55 | 505 390 | DG 10/6T | 57 | 110 020N | WG-EKI-N | 63 |
| 270 270 | CPR-16 | 52 | 271 524 | KPR-CIE-24VDC-1C | 55 | 602 300 | ASCEN 311 | 59 | 110 030N | WG-EKI-N | 63 |
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| 270 359 | T1-100S | 53 | 271 544 | KPR-CIE-60VDC-1C | 55 | 602 800 | PISO-DC-1 | 59 | 110 070N | WG-EKI-N | 63 |
| 270 351 | T1-FLASH | 53 | 271 550 | KPR-CIE-115VAC/DC-1C | 55 | 602 801 | PISO-DC-1 | 59 | 110 080N | WG-EKI-N | 63 |
| 270 352 | T1-60S2 | 53 | 271 554 | KPR-CIE-115VDC-1C | 55 | 602 802 | PISO-DC-1 | 59 | 110 090N | WG-EKI-N | 63 |
| 270 353 | T1-M5 | 53 | 271 560 | KPR-CIE-230VAC/DC-1C | 55 | 602 803 | PISO-DC-1 | 59 | 110 100N | WG-EKI-N | 63 |
| 270 354 | T1-K | 53 | 271 562 | KPR-CIE-230VDC-1C | 55 | 602 850 | PISO-DC-2 | 59 | 110 110N | WG-EKI-N | 63 |
| 270 355 | T1-M4 | 53 | 271 566 | KPR-CIF-230VAC/DC-1C | 55 | 602 851 | PISO-DC-2 | 59 | 110 120N | WG-EKI-N | 63 |
| 270 357 | T1-XS | 53 | 272 504 | KPR-SWE-6VDC-2C 6VDC | 56 | 602 852 | PISO-DC-2 | 59 | 110 130N | WG-EKI-N | 63 |
| 270 370 | Z1-60S | 53 | 272 505 | KPR-SWE-6VDC-2C 6VDC (Relay Socket) | 56 | 602 853 | PISO-DC-2 | 59 | 110 140N | WG-EKI-N | 63 |
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| AVK 25 RD | 304 290 | 4 | | 370 592 | | Screw Type Series Terminals Accessories | 351 769 | 18-19-20 | SG-PT 2.5-6 | 310 259 | 35 | Klemark Ribbon 30 x 300 | 1020 010 | 37 | LSL-03 W | 808 433 | 40 | KKC 8010 | 551 035WS | 43 | KLEA 110P | 606 180 | 47 |
| AVK 35 RDS | 304 580 | 5 | | 370 503 | | WGO Y 6 | 351 779 | | SG-PT 2.5-7 | 310 269 | 35 | Klemark Ribbon 50 x 300 | 1020 011 | 37 | LSL-03 SV | 808 434 | 40 | KKC 1006 | 551 021WS | 43 | KLEA 370P-VSM | 606 121 | 47 |
| AVK 35 IRDS | 304 590 | 5 | | 370 593 | | WGO YD 6 | 375 919 | 12 | SG-PT 2.5-8 | 310 279 | 35 | Klemark Ribbon 110 x 300 | 1020 012 | 37 | LSL-05 W | 808 436 | 40 | KKC 1008 | 551 022WS | 43 | KLEA 320P-DC | 606 150 | 47 |
| AVK 50 | 304 330 | 5 | WGO PB 6/NM | 308 069 | 12 | WGO PBD 6/NM | 308 079 | 12 | SG-PT 2.5-9 | 310 289 | 35 | DB 5 | 505 850 | 38 | LSL-05 SV | 808 437 | 40 | KKC 1001 | 551 036WS | 43 | KLEA 220P-DC | 606 190 | 47 |
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| AVK 240 | 304 360 | 5 | | 499 250 | | | 499 450 | | SG-PT 2.5-13 | 310 329 | 35 | DG 6/5 | 505 330 | 38 | ETS 3 PYK 2,5 | 498 217 | 41 | KKC 1501 | 551 040WS | 43 | ECRAS 100 VCF | 606 218 | 48 |
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| AVK 4 T RD | 334 180 | 6 | | 317 329 | | | 317 329 | | SG-PT 2.5SCS-4 | 310 419 | 35 | KOIP S M W | 508 511 | 38 | ETS 3 PYK 2,5 | 498 229 | 41 | KKK 100 | 551 054 | 43 | POWYS 1120 | 606 352 | 48 |
| AVK 2,5 / 4 TK | 334 450 | 6 | PIK 2,5 NLD | 317 319 | 13 | | 317 319 | | SG-PT 2.5SCS-5 | 310 429 | 35 | DY 10/6,5 | 505 201 210 | 38 | ETS 3 PYK 2,5 | 498 227 | 41 | KKK 120 | 551 055 | 43 | POWYS 1102 | 606 354 | 48 |
| AVK 6 TK | 334 460 | 6 | | 317 319 | | | 317 319 | | SG-PT 2.5SCS-6 | 310 439 | 35 | DY 5 | 505 000 505 098 | 38 | ETS 2 PYK 4 | 498 237 | 41 | KKK 150 | 551 056 | 43 | WTOR-4 | 601 450 | 49 |
| AVK 10 TK | 334 470 | 6 | | 317 319 | | | 317 319 | | SG-PT 2.5SCS-7 | 310 449 | 35 | HSL 02-Y | 579 010 | 39 | ETS 2 PYK 4 | 498 239 | 41 | KKT 4040 | 553 315 | 43 | WTOR-4 (+Power Supply) | 601 451 | 49 |
| AVK 16 T RD | 334 200 | 7 | | 317 319 | | | 317 319 | | SG-PT 2.5SCS-8 | 310 459 | 35 | HSL 03-Y | 579 011 | 39 | ETS 2 PYK 4 | 498 230 | 41 | KKT 4060 | 553 325 | 43 | UTOR-4i | 601 430 | 49 |
| AVK 35 T RD | 334 210 | 7 | | 317 319 | | | 317 319 | | SG-PT 2.5SCS-9 | 310 469 | 35 | HSL 4.5-Y | 579 012 | 39 | ETS 2 PYK 4 | 498 237 | 41 | KKT 6080 | 553 335 | 43 | UTOR-2i | 601 431 | 49 |
| AVK 35 T IRDS | 334 250 | 7 | | 317 319 | | | 317 319 | | SG-PT 2.5SCS-10 | 310 479 | 35 | HSL 06-Y | 579 013 | 39 | ETS 2 PYK 4 | 498 239 | 41 | KKT 6010 | 553 355 | 43 | UTOR-T3i | 601 433 | 49 |
| AVK 50 T | 334 190 | 7 | | 317 319 | | | 317 319 | | SG-PT 2.5SCS-11 | 310 489 | 35 | KL-TX 300 | 579 014 | 39 | ETS 2 PYK 4 | 498 237 | 41 | KKT 6040 | 553 365 | 43 | GTOR-4 | 601 440 | 49 |
| AVK Y 4 | 304 509 | 7 | | 317 319 | | | 317 319 | | SG-PT 2.5SCS-12 | 310 499 | 35 | SLF-P1W | 1020 100 | 39 | ETS 2 PYK 4 | 498 239 | 41 | KKT 6060 | 553 375 | 43 | GTOR-4 (+Power Supply) | 601 441 | 49 |
| AVK Y 6 | 304 519 | 7 | | 317 319 | | | 317 319 | | SG-PT 2.5SCS-13 | 310 509 | 35 | TTL 40-W 12.7x19.5 D3 | 808 070 | 39 | ETS 2 PYK 4 | 498 239 | 41 | KKT 8060 | 553 385 | 43 | ETOR-4 | 601 400 | 49 |
| AVK Y 10 | 304 529 | 7 | | 317 319 | | | 317 319 | | SG-PT 2.5SCS-14 | 310 519 | 35 | TTL 40-W 12.7x23.8 D4 | 808 071 | 39 | ETS 2 PYK 4 | 498 239 | 41 | KKT 8080 | 553 395 | 43 | ETOR-2 | 601 401 | 49 |
| AVK Y 4A | 304 600 | 7 | | 317 319 | | | 317 319 | | SG-PT 2.5SCS-15 | 310 529 | 35 | TTL 40-W 19x44.5 D10 | 808 074 | 39 | ETS 2 PYK 4 | 498 239 | 41 | KKT 8010 | 553 425 | 43 | ETOR-4 | 601 402 | 49 |
| PB 2,5/NM | 308 029 | 8 | | 317 319 | | | 317 319 | | SG-PT 2.5SAN-1 | 310 749 | 35 | TTL 40-W 25.4x36.5 D7 | 808 072 | 39 | ETS 2 PYK 4 | 498 239 | 41 | KKT 1008 | 553 445 | 43 | ETOR-2 | 601 403 | 49 |
| PB 2,5K/NM | 308 039 | 8 | | 317 319 | | | 317 319 | | SG-PT 2.5SAN-2 | 310 759 | 35 | TTL 40-W 25.4x36.5 D7 | 808 073 | 39 | ETS 2 PYK 4 | 498 239 | 41 | KKT 1001 | 553 465 | 43 | EASIO 1001 | 260 001 | 49 |
| PB 2,5T/NM | 337 010 | 8 | | 317 319 | | | 317 319 | | SG-PT 2.5SAN-3 | 310 769 | 35 | TTL 40-W 25.4x36.5 D7 | 808 073 | 39 | ETS 2 PYK 4 | 498 239 | 41 | KKT 1208 | 553 475 | 43 | EASIO 1100 | 260 002 | 49 |
| PB 6/NM | 308 009 | 8 | | 317 319 | | | 317 319 | | SG-PT 2.5SAN-4 | 310 779 | 35 | TTL 40-W 25.4x36.5 D7 | 808 073 | 39 | ETS 2 PYK 4 | 498 239 | 41 | KKT 1201 | 553 485 | 43 | EASIO 1101 | 260 003 | 49 |
| PB 6K/NM | 308 019 | 8 | | 317 319 | | | 317 319 | | SG-PT 2.5SAN-5 | 310 789 | 35 | TTL 40-W 19x44.5 D10 | 808 074 | 39 | ETS 2 PYK 4 | 498 239 | 41 | SETR | 553 500 | 43 | ANC-32 | 604 672 | 67 |
| PB 6T/NM | 337 000 | 8 | | 317 319 | | | 317 319 | | SG-PT 2.5SAN-6 | 310 799 | 35 | TTL 40-W 19x44.5 D10 | 808 074 | 39 | ETS 2 PYK 4 | 498 239 | 41 | KKB | 553 600 | 43 | ANC-32 | 604 673 | 67 |
| PB 25/NM (M5) | 308 049 | 8 | | 317 319 | | | 317 319 | | SG-PT 2.5SAN-7 | 310 809 | 35 | TTP 8X10 | 808 061 | 39 | ETS 2 PYK 4 | 498 239 | 41 | KKC 1540 | 553 415 | 43 | ANC-32 | 604 675 | 67 |
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