

TT-SLKK5/110DC


Order No.: 2794932

The illustration shows version TT-SLKK5/ 12 DC

<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2794932>

Modular terminal block with varistor as surge voltage protection between clamping connector and DIN rail, separate ground connection, nominal voltage: 110 V DC, mounting on NS 35/7.5, terminal width: 6.2 mm, terminal height: 69 mm

Commercial data

| | |
|--------------------------|--|
| GTIN (EAN) |  4 017918 073008 |
| sales group | J303 |
| Pack | 50 pcs. |
| Customs tariff | 85363030 |
| Catalog page information | Page 69 (TT-2005) |

Product notes

WEEE/RoHS-compliant since:
05/17/2006

<http://www.download.phoenixcontact.com>
Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

Technical data

General

| | |
|------------------------------------|-------|
| Housing material | PA |
| Inflammability class acc. to UL 94 | V2 |
| Color | black |

| | |
|--|--|
| Total surge current (8/20) μ s | 6.5 kA |
| Ambient temperature (operation) | -40 °C ... 85 °C |
| Mounting type | DIN rail: 35 mm |
| Design | Single-level terminal block – separate PE connection |
| Degree of protection | IP20 |
| Direction of action | Line-Earth Ground |
| Width | 6.20 mm |
| Height | 69.50 mm |
| Length | 66.50 mm |
| Protective circuit | |
| IEC category | C1 |
| | C2 |
| | C3 |
| VDE requirement class | C1 |
| | C2 |
| | C3 |
| Nominal voltage U_N | 110 V DC |
| Maximum continuous voltage U_C (wire-ground) | 125 V DC |
| Nominal current I_N | 32 A (50°C) |
| Operating effective current I_C at U_C | $\leq 70 \mu$ A |
| Ground conductor current I_{PE} | $\leq 70 \mu$ A |
| Nominal discharge surge current I_n (8/20) μ s (Core-Earth) | 2 kA |
| Total surge current (8/20) μ s | 6.5 kA |
| Max. discharge surge current I_{max} (8/20) μ s maximum (Core-Earth) | 6.5 kA |
| Nominal pulse current I_{an} (10/1000) μ s (Core-Earth) | 75 A |
| Output voltage limitation at 1 kV/ μ s (Core-Earth) spike | ≤ 265 V |
| Output voltage limitation at 1 kV/ μ s (Core-Earth) static | ≤ 240 V |
| Residual voltage at I_n , (conductor-ground) | ≤ 390 V |
| Response time t_A (Core-Earth) | ≤ 25 ns |
| Cut-off frequency f_g (3 dB), asym. (PE) in 150 Ohm system | Typ. 1 MHz |

Connection data

| | |
|--|-----------------------|
| Type of connection | Screw connection |
| Connection type IN | Screw terminal blocks |
| Connection type OUT | Screw terminal blocks |
| Screw thread | M3 |
| Tightening torque | 0.5 Nm |
| Stripping length | 8 mm |
| Conductor cross section stranded min. | 0.2 mm ² |
| Conductor cross section stranded max. | 4 mm ² |
| Conductor cross section solid min. | 0.2 mm ² |
| Conductor cross section solid max. | 4 mm ² |
| Conductor cross section AWG/kcmil min. | 24 |
| Conductor cross section AWG/kcmil max | 12 |

Connection, protective circuit

| | |
|-----------------------|--------------|
| Standards/regulations | IEC 61643-21 |
|-----------------------|--------------|

Certificates / Approvals



Certification

CSA, CUL, GOST, UL

Accessories

| Item | Designation | Description |
|-----------------|---------------|---|
| Assembly | | |
| 2770228 | D-UKK 3/5 BK | End cover, Length: 56 mm, Width: 2.5 mm, Height: 66.5 mm, Color: black |
| 2770833 | DP-UKK 3/5 BK | Spacer plate, Length: 56 mm, Width: 2.5 mm, Height: 66.5 mm, Color: black |

Marking

| | | |
|---------|-----------------------|---|
| 1051993 | B-STIFT | Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm |
| 1051016 | ZB 6,LGS:FORTL.ZAHLEN | Zack marker strip, 10-section, printed horizontally: with the numbers 1 - 10, 11 - 20 and so on up to 491 - 500, color: white |

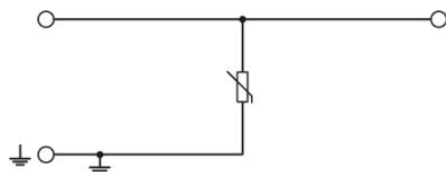
| | | |
|---------|-------------------------|---|
| 1051414 | ZB 6,LGS:L1-N,PE | Zack strip, printed horizontally, strips with 10 labels, L1, L2, L3, N, PE, L1, L2, L3, N, PE, color: white |
| 1051430 | ZB 6,LGS:U-N | Zack strip, printed horizontally: 10-section, U, V, W, N, GND, U, V, W, N, GND, color: white |
| 1050499 | ZB 6:SO/CMS | Zack strip, 10-section, divisible, special printing, marking according to customer requirements |
| 1051003 | ZB 6:UNBEDRUCKT | Zack strip, unprinted, strips with 10 labels for individual labeling with M-PEN or CMS system, for terminal block width: 6.2 mm, color: white |
| 0808749 | ZBF 6,LGS:FORTL.ZAHLEN | Zack marker strip, flat, printed horizontally: 10-section, with the numbers 1 - 10, 11 - 20, and so on up to 91 - 100, color: white |
| 0808736 | ZBF 6/WH-100:UNBEDRUCKT | Zack strip, flat, unprinted: 10-section, for individual labeling with M-PEN or ZBF-T, large batch, sufficient for labeling 1000 terminal blocks, color: white |
| 0808710 | ZBF 6:UNBEDRUCKT | Zack strip, flat, unprinted: 10-section, for individual labeling with M-PEN or ZBF-T, sufficient for 100 terminal blocks, color: white |

Additional products

| Item | Designation | Description |
|-----------------|---------------|---|
| Assembly | | |
| 2770228 | D-UKK 3/5 BK | End cover, Length: 56 mm, Width: 2.5 mm, Height: 66.5 mm, Color: black |
| 2770833 | DP-UKK 3/5 BK | Spacer plate, Length: 56 mm, Width: 2.5 mm, Height: 66.5 mm, Color: black |
| 2839295 | SSA 3-6 | shield fast connections for conductor diameter 3 - 6 mm. Potential connection cable: 200 mm, black |
| 2839512 | SSA 5-10 | Shield fast connection for conductor diameters 5 - 10 mm. Potential connection cable: 200 mm, black |

Diagrams/Drawings

Circuit diagram



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