

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>
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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 |

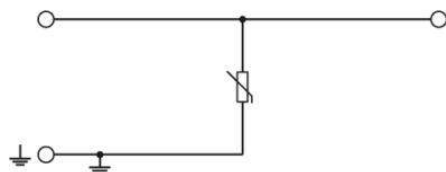
| | | |
|---------|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1051414 | ZB 6,LGS:L1-N,PE | Zack strip, printed horizontally, strips with 10 labels, L1, L2, 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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