

EMC filter - TT-SLKK 5-C 3N3-230AC - 2798792

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Modular terminal block with radio interference suppression capacitor between clamping connector and DIN rail, separate ground connection, nominal voltage: 3.3 nF, for mounting on NS 35/7.5, terminal width: 6.2 mm, terminal height: 69 mm

Your advantages

- Modular terminal blocks with screw connection technology
- Protective element between the feed-through terminal block and the metal mounting foot



Key Commercial Data

| | |
|--------------|---|
| Packing unit | 50 pc |
| GTIN |  4 017918 101480 |
| GTIN | 4017918101480 |

Technical data

Dimensions

| | |
|--------|---------|
| Height | 66.5 mm |
| Width | 6.2 mm |
| Depth | 69.5 mm |

Ambient conditions

| | |
|---------------------------------|-----------------------|
| Ambient temperature (operation) | -20 °C ... 85 °C |
| Degree of protection | IP20 (with end cover) |

General

| | |
|--|--|
| Housing material | PA |
| Flammability rating according to UL 94 | V-2 |
| Color | jet black RAL 9005 |
| Mounting type | DIN rail: 35 mm |
| Type | Single-level terminal block – separate PE connection |
| Number of positions | 1 |

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Technical data

General

| | |
|---------------------|-------------------|
| Direction of action | Line-Earth Ground |
|---------------------|-------------------|

Protective circuit

| | |
|--|----------------------|
| Nominal voltage U_N | 230 V AC |
| Maximum continuous voltage U_C | 250 V AC |
| Rated current | 30 A (45 °C) |
| Residual current I_{PE} | typ. 0.5 mA |
| Cut-off frequency f_g (3 dB), asym. (PE) in 50 Ohm system | typ. 2 MHz |
| Cut-off frequency f_g (3 dB), asym. (PE) in 150 Ohm system | typ. 550 kHz (50 Hz) |
| Cut-off frequency f_g (3 dB), asym. (PE) in 600 Ohm system | typ. 170 kHz |
| Capacity (line-earth) | typ. 3.3 nF |

Connection data

| | |
|----------------------------------|---|
| Connection method | Screw connection |
| Connection method IN | Screw terminal blocks |
| Connection method OUT | Screw terminal blocks |
| Screw thread | M3 |
| Tightening torque | 0.5 Nm |
| Stripping length | 8 mm |
| Conductor cross section flexible | 0.2 mm ² ... 4 mm ² |
| Conductor cross section solid | 0.2 mm ² ... 4 mm ² |
| Conductor cross section AWG | 24 ... 12 |

Standards and Regulations

| | |
|--------------------------|-------------------|
| Standards/specifications | EN 60947-7-1 2009 |
| | EN 60947-4-2 2009 |
| | EN 60384-14 |

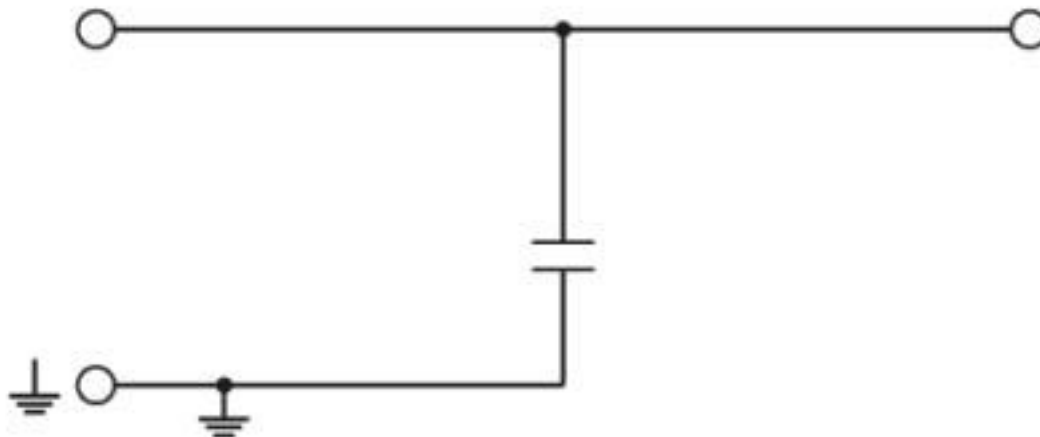
Environmental Product Compliance

| | |
|------------|---|
| REACH SVHC | Lead 7439-92-1 |
| China RoHS | Environmentally Friendly Use Period = 50 years |
| | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

Drawings

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Circuit diagram



Classifications

eCl@ss

| | |
|---------------|----------|
| eCl@ss 10.0.1 | 27130807 |
| eCl@ss 4.0 | 27130800 |
| eCl@ss 4.1 | 27130800 |
| eCl@ss 5.0 | 27130800 |
| eCl@ss 5.1 | 27130800 |
| eCl@ss 6.0 | 27130800 |
| eCl@ss 7.0 | 27130807 |
| eCl@ss 8.0 | 27130807 |
| eCl@ss 9.0 | 27130807 |

ETIM

| | |
|----------|----------|
| ETIM 2.0 | EC000943 |
| ETIM 3.0 | EC000943 |
| ETIM 4.0 | EC000943 |
| ETIM 5.0 | EC000943 |
| ETIM 6.0 | EC000943 |
| ETIM 7.0 | EC000943 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 30212010 |
| UNSPSC 7.0901 | 39121610 |
| UNSPSC 11 | 39121610 |
| UNSPSC 12.01 | 39121610 |
| UNSPSC 13.2 | 39121620 |
| UNSPSC 18.0 | 39121620 |
| UNSPSC 19.0 | 39121620 |

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Classifications

UNSPSC

| | |
|-------------|----------|
| UNSPSC 20.0 | 39121620 |
| UNSPSC 21.0 | 39121620 |

Approvals

Approvals

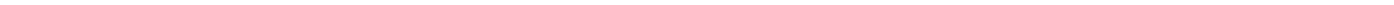


Approvals

EAC / EAC



Ex Approvals



Approval details

| | | |
|-----|--|---------------|
| EAC | | EAC-Zulassung |
|-----|--|---------------|

| | | |
|-----|--|-------------------------|
| EAC | | RU C- DE.*09.B.00169 |
|-----|--|-------------------------|

Accessories

Accessories

End cover

End cover - D-UKK 3/5 BK - 2770228



End cover, length: 56 mm, width: 2.5 mm, height: 66.5 mm, color: black

Labeled terminal marker

Zack Marker strip, flat - ZBF 6,LGS:FORTL.ZAHLEN - 0808749



Zack Marker strip, flat, Strip, white, labeled, printed horizontally: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 91 ... 100, mounting type: snap into flat marker groove, for terminal block width: 6.2 mm, lettering field size: 5.15 x 6.15 mm, Number of individual labels: 10

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Accessories

Marker for terminal blocks - ZB 6,LGS:L1-N,PE - 1051414



Marker for terminal blocks, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, horizontal: L1, L2, L3, N, PE, L1, L2, L3, N, PE, mounting type: snap into tall marker groove, for terminal block width: 6.2 mm, lettering field size: 6.15 x 10.5 mm, Number of individual labels: 10

Marker for terminal blocks - ZB 6,LGS:U-N - 1051430



Marker for terminal blocks, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, printed horizontally: U, V, W, N, GND, U, V, W, N, GND, mounting type: snap into tall marker groove, for terminal block width: 6.2 mm, lettering field size: 6.15 x 10.5 mm, Number of individual labels: 10

Zack marker strip - ZB 6,LGS:FORTL.ZAHLEN - 1051016



Zack marker strip, Strip, white, labeled, can be labeled with: CMS-P1-PLOTTER, printed horizontally: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 491 ... 500, mounting type: snap into tall marker groove, for terminal block width: 6.2 mm, lettering field size: 6.15 x 10.5 mm, Number of individual labels: 10

Marker pen

Marker pen - B-STIFT - 1051993



Marker pen, for manual labeling of unprinted Zack strips, smear-proof and waterproof, line thickness 0.5 mm

Partition plate

Spacer plate - DP-UKK 3/5 BK - 2770833



Spacer plate, to compensate for level offsets, length: 56 mm, width: 2.5 mm, height: 25 mm, color: black

Terminal marking

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Accessories

Zack Marker strip, flat - ZBF 6:UNBEDRUCKT - 0808710



Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snap into flat marker groove, for terminal block width: 6.2 mm, lettering field size: 5.15 x 6.15 mm, Number of individual labels: 10

Zack Marker strip, flat - ZBF 6/WH-100:UNBEDRUCKT - 0808736



Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snap into flat marker groove, for terminal block width: 6.2 mm, lettering field size: 5.15 x 6.15 mm, Number of individual labels: 10

Zack marker strip - ZB 6:UNBEDRUCKT - 1051003



Zack marker strip, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snap into tall marker groove, for terminal block width: 6.2 mm, lettering field size: 6.15 x 10.5 mm, Number of individual labels: 10

Additional products

End cover - D-UKK 3/5 BK - 2770228



End cover, length: 56 mm, width: 2.5 mm, height: 66.5 mm, color: black

Spacer plate - DP-UKK 3/5 BK - 2770833



Spacer plate, to compensate for level offsets, length: 56 mm, width: 2.5 mm, height: 25 mm, color: black

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Accessories

Shield connection - SSA 3-6 - 2839295



Shield fast connection for 3 ... 6 mm cable diameter. Potential connecting cable: 200 mm, 1 mm², color: black

Shield connection - SSA 5-10 - 2839512



Shield fast connection for 5 ... 10 mm cable diameter. Potential connecting cable: 200 mm, 1 mm², color: black

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