

# 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

## Product Features

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

## Key commercial data

|                  |               |
|------------------|---------------|
| package_quantity | 50            |
| 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             |

### General

|   |  |
|---|--|
| Housing material                        | PA   |
| Inflammability class according to UL 94 | V2   |
| Color                                   | black  |
| Mounting type                           | DIN rail: 35 mm                                      |
| Design                                  | Single-level terminal block – separate PE connection |
| Number of positions                     | 1  |
| Direction of action                     | Line-Earth Ground                                    |

### Protective circuit

|   |             |
|---|-------------|
| Nominal voltage $U_N$                                       | 230 V AC    |
| Maximum continuous operating voltage $U_c$                  | 250 V AC    |
| Maximum continuous voltage $U_c$ (wire-ground)              | 250 V AC    |
| Nominal current $I_N$                                       | 34 A (45°C) |
| Cut-off frequency $f_g$ (3 dB), asym. (PE) in 50 Ohm system | typ. 2 MHz  |

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## Technical data

### Protective circuit

|  |              |
|--|--------------|
| <b>Cut-off frequency fg (3 dB), asym. (PE) in 150 Ohm system</b> | typ. 550 kHz |
| <b>Cut-off frequency fg (3 dB), asym. (PE) in 600 Ohm system</b> | typ. 170 kHz |
| <b>Capacity (Core-Earth)</b>                                     | 3.3 nF       |

### Connection data

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

### Standards and Regulations

|                                 |            |
|---------------------------------|------------|
| <b>Standards/specifications</b> | VDE 0565-1 |
|---------------------------------|------------|

## classifications

### eCl@ss

|                   |          |
|-------------------|----------|
| <b>eCl@ss 4.0</b> | 27140201 |
| <b>eCl@ss 4.1</b> | 27130801 |
| <b>eCl@ss 5.0</b> | 27130801 |
| <b>eCl@ss 5.1</b> | 27130801 |
| <b>eCl@ss 6.0</b> | 27130807 |
| <b>eCl@ss 7.0</b> | 27130807 |
| <b>eCl@ss 8.0</b> | 27130807 |

### ETIM

|                 |          |
|-----------------|----------|
| <b>ETIM 2.0</b> | EC000943 |
| <b>ETIM 3.0</b> | EC000943 |
| <b>ETIM 4.0</b> | EC000943 |
| <b>ETIM 5.0</b> | EC000943 |

### UNSPSC

|                      |          |
|----------------------|----------|
| <b>UNSPSC 6.01</b>   | 30212010 |
| <b>UNSPSC 7.0901</b> | 39121610 |
| <b>UNSPSC 11</b>     | 39121610 |
| <b>UNSPSC 12.01</b>  | 39121610 |
| <b>UNSPSC 13.2</b>   | 39121620 |

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### approvals

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GOST / GOST /

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#### Approval details

GOST 



### accessories

#### Partition plate

DP-UKK 3/5 BK - 2770833



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#### End cover

D-UKK 3/5 BK - 2770228



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#### Marker pen

B-STIFT - 1051993



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#### Terminal marking

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

### accessories

ZBF 6:UNBEDRUCKT - 0808710



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ZBF 6/WH-100:UNBEDRUCKT - 0808736



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ZB 6:UNBEDRUCKT - 1051003



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### Labeled terminal marker

ZBF 6,LGS:FORTL.ZAHLEN - 0808749



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ZB 6,LGS:L1-N,PE - 1051414



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### accessories

ZB 6,LGS:U-N - 1051430



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ZB 6,LGS:FORTL.ZAHLEN - 1051016



### accessories

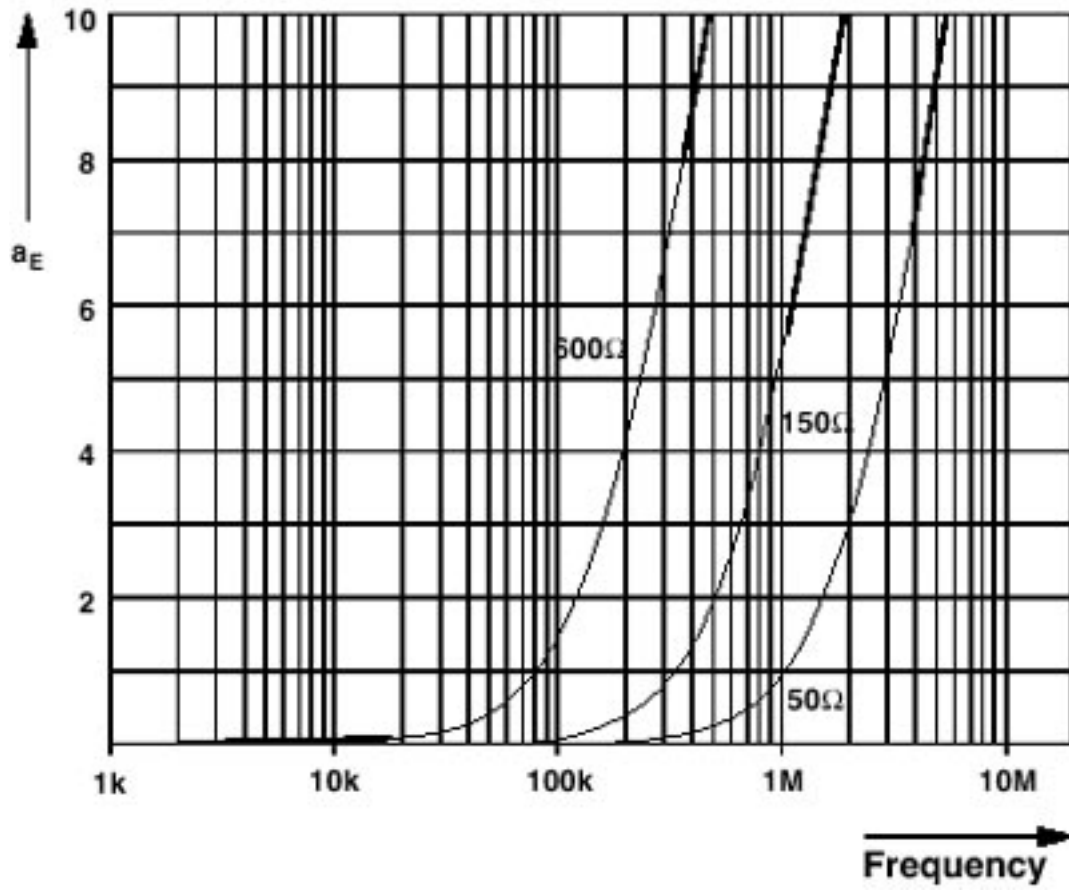
ZB 6:SO/CMS - 1050499



### Drawings

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Diagram



Circuit diagram

