

## 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

|                                      |          |
|--------------------------------------|----------|
| Packing unit                         | 1 pc     |
| Weight per Piece (excluding packing) | 19.26 g  |
| Custom tariff number                 | 85363010 |
| Country of origin                    | Germany  |

### 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                                                   |
| Flammability rating according to UL 94 | V2                                                   |
| Color                                  | black                                                |
| Mounting type                          | DIN rail: 35 mm                                      |
| Type                                   | Single-level terminal block – separate PE connection |

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## Technical data

### General

|                     |                   |
|---------------------|-------------------|
| Number of positions | 1                 |
| Direction of action | Line-Earth Ground |

### Protective circuit

|                                                              |              |
|--------------------------------------------------------------|--------------|
| Nominal voltage $U_N$                                        | 230 V AC     |
|                                                              | 250 V AC     |
|                                                              | 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   |
| Cut-off frequency $f_g$ (3 dB), asym. (PE) in 150 Ohm system | typ. 550 kHz |
| Cut-off frequency $f_g$ (3 dB), asym. (PE) in 600 Ohm system | typ. 170 kHz |
| Capacity (Core-Earth)                                        | 3.3 nF       |

### Connection data

|                                       |                       |
|---------------------------------------|-----------------------|
| Connection method                     | 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 flexible min. | 0.2 mm <sup>2</sup>   |
| Conductor cross section flexible max. | 4 mm <sup>2</sup>     |
| Conductor cross section solid min.    | 0.2 mm <sup>2</sup>   |
| Conductor cross section solid max.    | 4 mm <sup>2</sup>     |
| Conductor cross section AWG min.      | 24                    |
| Conductor cross section AWG max.      | 12                    |

### Standards and Regulations

|                          |            |
|--------------------------|------------|
| Standards/specifications | VDE 0565-1 |
|--------------------------|------------|

## Classifications

### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 27140201 |
| eCl@ss 4.1 | 27130801 |
| eCl@ss 5.0 | 27130801 |
| eCl@ss 5.1 | 27130801 |
| eCl@ss 6.0 | 27130807 |
| eCl@ss 7.0 | 27130807 |

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### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| 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 |

#### UNSPSC

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

### Approvals

#### Approvals

Approvals

EAC / EAC

Ex Approvals

Approvals submitted

#### Approval details

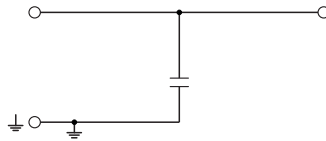
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### Drawings

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

Circuit diagram



Diagram

