

## 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

#### Environmental Product Compliance

REACH SVHC	4-Nonylphenol, ethoxylated
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#### 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

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## Technical data

### General

Color	jet black RAL 9005
Mounting type	DIN rail: 35 mm
Type	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 voltage $U_C$	250 V AC
Nominal current $I_N$	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 (Core-Earth)	typ. 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	0.6 Nm ... 0.8 Nm
Stripping length	8 mm
Conductor cross section flexible	0.2 mm² ... 4 mm²
Conductor cross section solid	0.2 mm² ... 4 mm²
Conductor cross section AWG	24 ... 12

### Standards and Regulations

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

## Classifications

### eCl@ss

eCl@ss 4.0	27140201
eCl@ss 4.1	27130801
eCl@ss 5.0	27130801
eCl@ss 5.1	27130801

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### Classifications

#### eCl@ss

eCl@ss 6.0	27130807
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

#### UNSPSC

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

### Approvals

#### Approvals

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Approvals

EAC / EAC

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Ex Approvals

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Approvals submitted

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#### Approval details

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

### 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

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##### 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: 5.15 x 6.15 mm

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



Marker for terminal blocks, Strip, white, labeled, can be labeled with: 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: 6.15 x 10.5 mm

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



Marker for terminal blocks, Strip, white, labeled, can be labeled with: 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: 6.15 x 10.5 mm

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### Accessories

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



Zack marker strip, Strip, white, labeled, can be labeled with: 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: 6.15 x 10.5 mm

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### 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

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### 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

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### Terminal marking

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



Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: Plotter, Mounting type: Snap into flat marker groove, for terminal block width: 6.2 mm, Lettering field: 5.15 x 6.15 mm

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### Accessories

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



Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: Plotter, Mounting type: Snap into flat marker groove, for terminal block width: 6.2 mm, Lettering field: 5.15 x 6.15 mm

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Zack marker strip - ZB 6:UNBEDRUCKT - 1051003



Zack marker strip, Strip, white, unlabeled, can be labeled with: Plotter, Mounting type: Snap into tall marker groove, for terminal block width: 6.2 mm, Lettering field: 6.15 x 10.5 mm

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### 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

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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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Shield connection - SSA 3-6 - 2839295



shield fast connections for conductor diameter 3 - 6 mm. Potential connection cable: 200 mm, black

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### Accessories

Shield connection - SSA 5-10 - 2839512

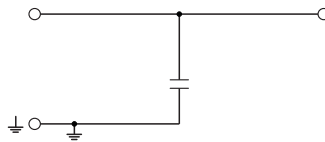


Shield fast connection for conductor diameters 5 - 10 mm. Potential connection cable: 200 mm, black

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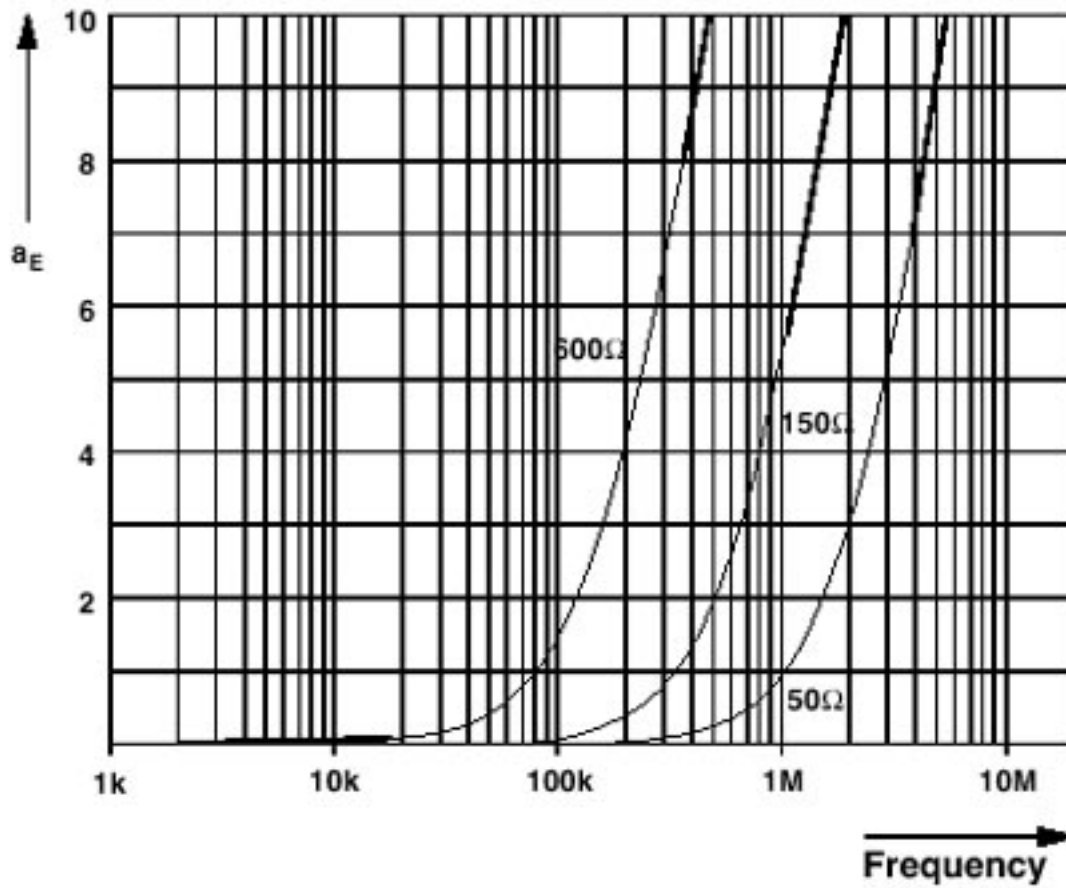
### Drawings

Circuit diagram



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Diagram





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