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## EMC filter - TT-SLKK 5-C 12N-230AC - 2748069

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Modular terminal block with radio interference suppression capacitor between clamping connector and DIN rail, separate ground connection, nominal voltage: 12 nF, for mounting on NS 35/7.5, terminal width: 6.2 mm, terminal height: 69 mm

### Why buy this product

- 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 STK
GTIN	 4 017918 062316

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

#### Protective circuit

Nominal voltage $U_N$	230 V AC
	250 V AC

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## Technical data

### Protective circuit

	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. 500 kHz
Cut-off frequency $f_g$ (3 dB), asym. (PE) in 150 Ohm system	typ. 150 kHz
Cut-off frequency $f_g$ (3 dB), asym. (PE) in 600 Ohm system	typ. 40 kHz
Capacity (Core-Earth)	12 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
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## 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
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

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## Classifications

### 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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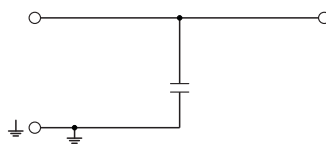
### Approval details

EAC

EAC

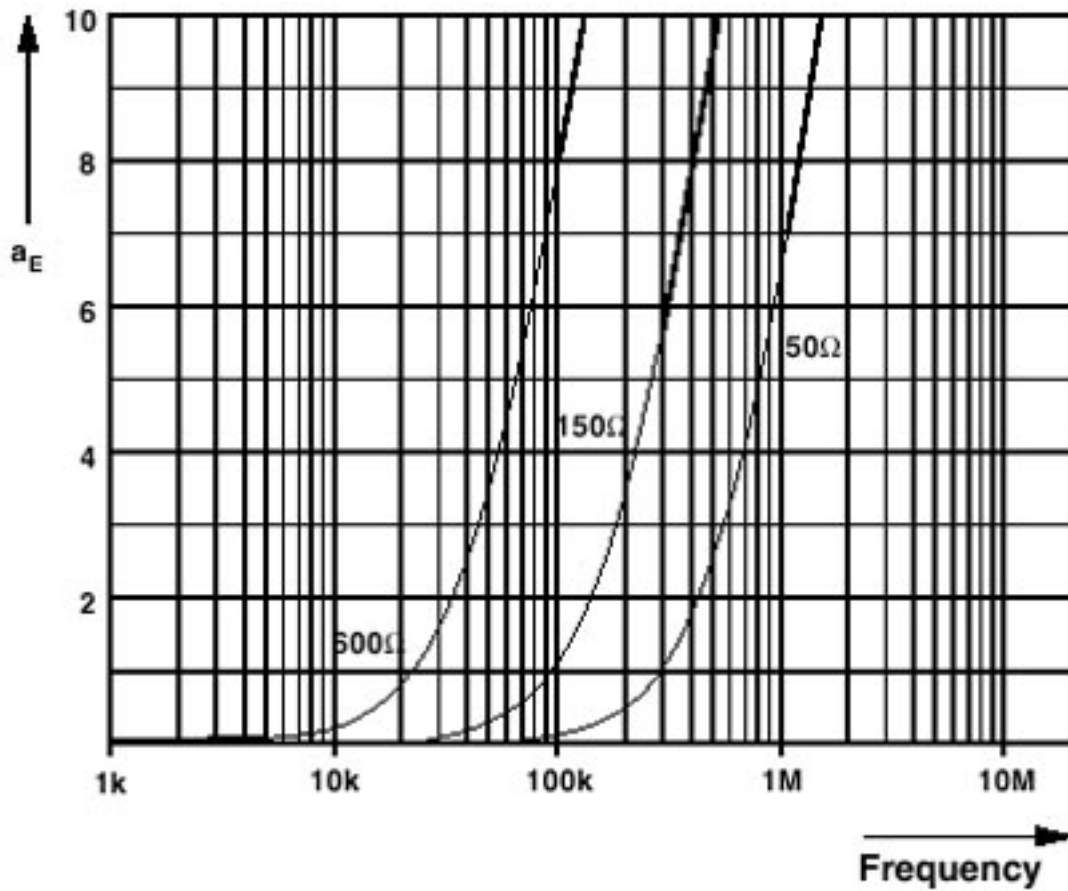
## Drawings

Circuit diagram



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Diagram



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