

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



2748069

<https://www.phoenixcontact.com/us/products/2748069>

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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

Your advantages

- Space-saving and cost-saving with a narrow overall width of just 6 mm
- Cost-optimized with tailored product features
- No useful signal interference with balanced low-pass

Commercial data

Item number	2748069
Packing unit	50 pc
Minimum order quantity	1 pc
Sales key	CL02
Product key	CL2227
GTIN	4017918062316
Weight per piece (including packing)	21.29 g
Weight per piece (excluding packing)	21.29 g
Customs tariff number	85363010
Country of origin	DE

Technical data

Product properties

Product type	EMC filters
Type	Single-level terminal block – separate PE connection
Number of positions	1

Insulation characteristics

Overvoltage category	III
Pollution degree	2

Electrical properties

Nominal voltage U_N	230 V AC
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Connection data

Connection method	Screw connection
Screw thread	M3
Tightening torque	0.5 Nm
Conductor cross-section flexible	0.2 mm ² ... 4 mm ²
Conductor cross-section rigid	0.2 mm ² ... 4 mm ²
Conductor cross-section AWG	24 ... 12

Dimensions

Width	6.2 mm
Height	66.5 mm
Depth	69.5 mm

Material specifications

Color	black (RAL 9005)
Flammability rating according to UL 94	V-2
Housing material	PA

Mechanical properties

Mechanical data

Open side panel	Yes
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Protective circuit

Direction of action	Line-Earth Ground
Maximum continuous operating voltage U_C	250 V AC
Rated current	30 A (45 °C)
Protective conductor current I_{PE}	typ. 1.5 mA
Cut-off frequency f_g (3 dB), asym. (PE) in 50 Ω system	typ. 500 kHz
Cut-off frequency f_g (3 dB), asym. (PE) in 150 Ω system	typ. 150 kHz
Cut-off frequency f_g (3 dB), asym. (PE) in 600 Ω system	typ. 40 kHz

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Capacity (Core-Earth)	typ. 12 nF
	Y2

Environmental and real-life conditions

Ambient conditions

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

Standards and regulations

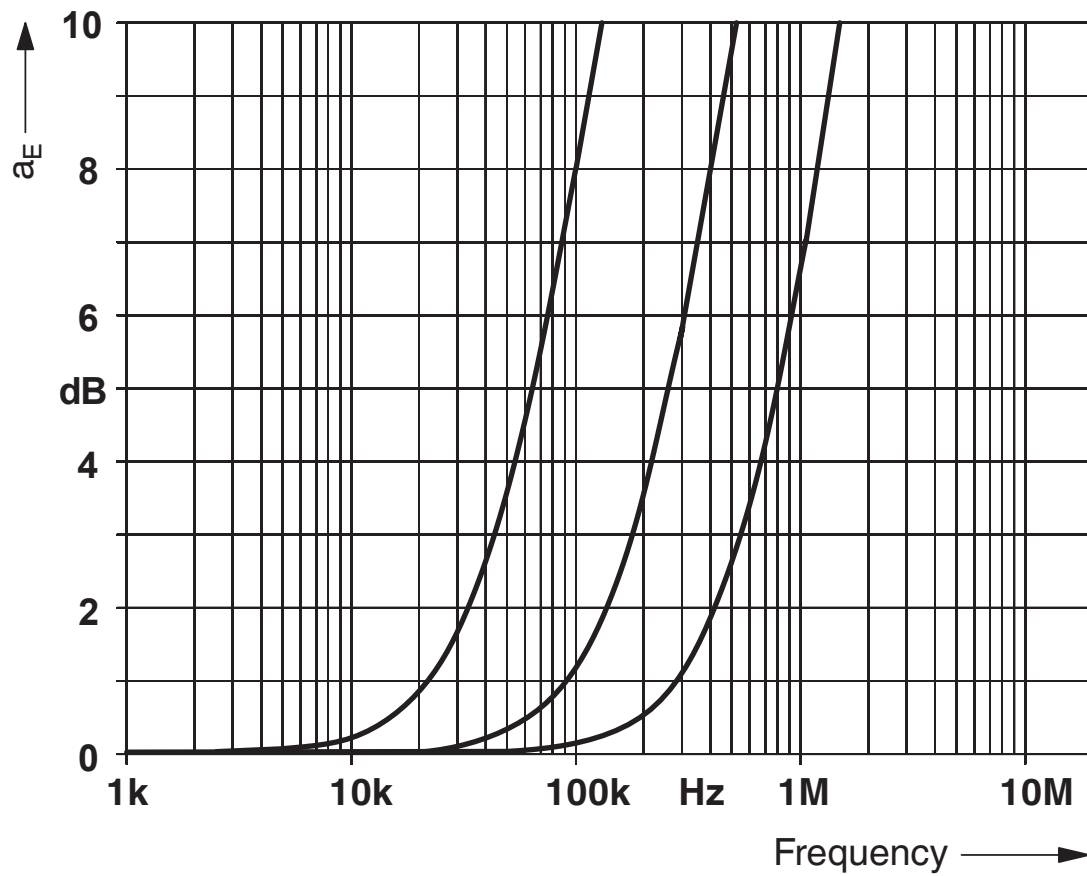
Standards/specifications	EN 60947-7-1
Note	2009
Standards/specifications	EN 60947-4-2
Note	2009
Standards/specifications	EN 60384-14

Mounting

Mounting type	DIN rail: 35 mm
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Drawings

Diagram



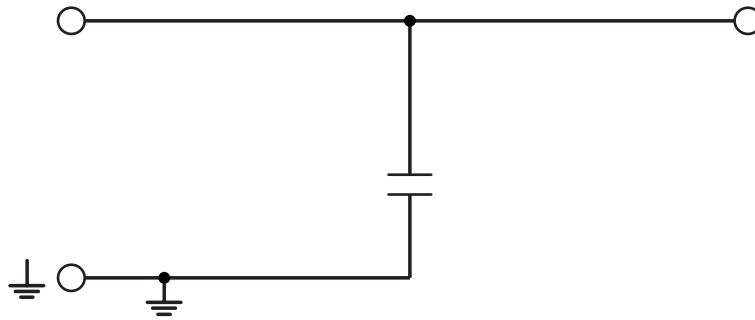
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Circuit diagram



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Classifications

ECLASS

ECLASS-13.0	27171501
ECLASS-15.0	27171501

ETIM

ETIM 9.0	EC000943
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UNSPSC

UNSPSC 21.0	39121600
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Environmental product compliance

EU RoHS

Fulfills EU RoHS substance requirements	Yes, No exemptions
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China RoHS

Environment friendly use period (EFUP)	EFUP-E
	No hazardous substances above the limits

EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com