

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



2798792

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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

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	2798792
Packing unit	50 pc
Minimum order quantity	50 pc
Sales key	CL02
Product key	CL2227
Catalog page	Page 113 (TT-2011)
GTIN	4017918101480
Weight per piece (including packing)	19.26 g
Weight per piece (excluding packing)	19.26 g
Customs tariff number	85363010
Country of origin	DE

Technical data

Product properties

Type	Single-level terminal block – separate PE connection
Product type	EMC filters
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 voltage U_C	250 V AC
Rated current	30 A (45 °C)
Residual current I_{PE}	typ. 0.5 mA
Cut-off frequency f_g (3 dB), asym. (PE) in 50 Ω system	typ. 2 MHz
Cut-off frequency f_g (3 dB), asym. (PE) in 150 Ω system	typ. 550 kHz (50 Hz)
Cut-off frequency f_g (3 dB), asym. (PE) in 600 Ω system	typ. 170 kHz

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Capacity (Core-Earth)	typ. 3.3 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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Classifications

ECLASS

ECLASS-11.0	27130807
ECLASS-13.0	27171501

ETIM

ETIM 9.0	EC001625
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UNSPSC

UNSPSC 21.0	39121600
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Environmental product compliance

REACH SVHC	4-Nonylphenol, branched and linear
China RoHS	Environmentally friendly use period: unlimited = EFUP-e
	No hazardous substances above threshold values

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