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Surge protection device - TT-SLKK5-F/110AC - 2765602

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Modular terminal block with gas-filled surge arrester as coarse protection between clamping connector and DIN rail, separate PE connection, nominal voltage: 110 V AC, mounting on NS 35/7.5, terminal width: 6.2 mm, terminal height: 69 mm

Why buy this product

- Protective element between the feed-through terminal block and the metal mounting foot
- Modular terminal blocks with screw connection technology

Key Commercial Data

Packing unit	50 STK
GTIN	 4 017918 066468

Technical data

Dimensions

Height	66.5 mm
Width	6.2 mm
Depth	69.5 mm

Ambient conditions

Ambient temperature (operation)	-40 °C ... 85 °C
Degree of protection	IP20

General

Housing material	PA 6.6
Flammability rating according to UL 94	V-2
Color	jet black RAL 9005
Standards for clearances and creepage distances	VDE 0110-1 IEC 60664
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

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Technical data

Protective circuit

IEC test classification	C1
	C2
	C3
	D1
Nominal voltage U_N	110 V AC
	30 V DC
Maximum continuous voltage U_C	30 V DC
	110 V AC
Nominal current I_N	2 A AC
	300 mA DC
Operating effective current I_C at U_C	$\leq 2 \mu\text{A}$
Residual current I_{PE}	$\leq 1.5 \mu\text{A}$
Nominal discharge current I_n (8/20) μs (Core-Earth)	5 kA
Max. discharge current I_{max} (8/20) μs maximum (Core-Earth)	5 kA
Output voltage limitation at 1 kV/ μs (Core-Earth) spike	$\leq 650 \text{ V}$
Output voltage limitation at 1 kV/ μs (Core-Earth) static	$\leq 650 \text{ V}$
Response time t_A (Core-Earth)	$\leq 100 \text{ ns}$
Capacity (Core-Earth)	typ. 1 pF
Alternating current carrying capacity (conductor-ground)	2.5 A (1 s)

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 ²
Conductor cross section flexible max.	4 mm ²
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	12

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


Approvals

CSA / EAC / EAC

Ex Approvals

Approvals submitted

Approval details

CSA 	
mm ² /AWG/kcmil	28-12
Nominal current I _N	2 A
Nominal voltage U _N	110 V

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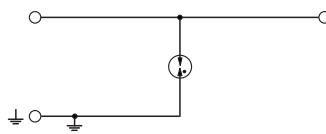
Approvals

EAC

EAC

Drawings

Circuit diagram



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Product	Code	Reference	Product link
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