

Surge protection device - TT-UK5/220AC - 2794783

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Modular terminal block with surge voltage fine protection between clamping connector and DIN rail, nominal voltage: 220 V AC, for mounting on NS 32 or NS 35/7.5, terminal width: 6.2 mm, terminal height: 47 mm

The illustration shows version TT-UK5- 24 DC

Key commercial data

Packing unit	1 pc
GTIN	 4 017918 118853
Weight per Piece (excluding packing)	11.22 GRM
Custom tariff number	85363030
Country of origin	Greece

Technical data

Dimensions

Height	47 mm
Width	6.2 mm
Length	42.5 mm

Ambient conditions

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

General

Housing material	PA
Inflammability class according to UL 94	V2
Type	Single-level terminal block
Direction of action	Line-Earth Ground

Protective circuit

Nominal voltage U_N	220 V AC
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Technical data

Protective circuit

Nominal current I_N	32 A (50 °C)
Residual current I_{PE}	$\leq 5 \mu\text{A}$
Nominal discharge current I_n (8/20) μs (Core-Core)	13 A (at 25 °C)
Nominal pulse current I_{an} (10/1000) μs (Core-Core)	3.5 A (at 25 °C)
Output voltage limitation at 1 kV/ μs (Core-Earth) static	$\leq 570 \text{ V}$
Residual voltage at I_n , (conductor-conductor)	$\leq 776 \text{ V}$
Response time t_A (Core-Core)	$\leq 1 \text{ ns}$
Cut-off frequency f_g (3 dB), asym. (PE) in 150 Ohm system	15 MHz (typical)
Capacity (Core-Core)	180 pF (typical)

Connection data

Connection method	Screw terminal blocks
Screw thread	M3
Tightening torque	0.5 Nm
Stripping length	8 mm
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded 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/kcmil min.	24
Conductor cross section AWG/kcmil 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
eCl@ss 6.0	27130807
eCl@ss 7.0	27130807
eCl@ss 8.0	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

Approvals

GOST / GOST

Ex Approvals

Approvals submitted

Approval details

