

Surge protection device - TT-UKK5-M-F/60AC - 2788210

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Double-level modular terminal block with surge voltage coarse protection between both levels, disconnect knife in the upper level, nominal voltage: 60 V AC, for mounting on NS 32 or NS 35/7.5, closed housing, terminal width: 6.2 mm, terminal height: 68 mm



Key Commercial Data

Packing unit	1 pc
GTIN	 4 017918 071431
Weight per Piece (excluding packing)	25.32 g
Custom tariff number	85363010
Country of origin	Greece

Technical data

Dimensions

Height	68 mm
Width	6.2 mm
Length	80 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-0
Color	jet black RAL 9005
Standards for clearances and creepage distances	VDE 0110-1
	IEC 60664

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Technical data

General

Mounting type	DIN rail/G-profile rail
Type	Double-level terminal block with disconnect knife
Number of positions	1
Direction of action	Line-Line

Protective circuit

IEC test classification	C1
	C2
	D1
Nominal voltage U_N	60 V AC
Maximum continuous voltage U_C	30 V DC
	120 V AC
Nominal current I_N	2 A AC (85 °C)
	300 mA DC
Operating effective current I_C at U_C	$\leq 2 \mu\text{A}$
Nominal discharge current I_n (8/20) μs (Core-Core)	5 kA
Max. discharge current I_{max} (8/20) μs maximum (Core-Core)	5 kA
Output voltage limitation at 1 kV/ μs (Core-Core) spike	$\leq 650 \text{ V}$
Output voltage limitation at 1 kV/ μs (Core-Core) static	$\leq 650 \text{ V}$
Voltage protection level U_p (core-core)	$\leq 650 \text{ V}$ (C2 - 10 kV / 5 kA)
Response time t_A (Core-Core)	$\leq 100 \text{ ns}$
Capacity (Core-Core)	typ. 2 pF
Max. required back-up fuse	2 A
Impulse durability (conductor-conductor)	C2 - 10 kV/5 kA
Alternating current carrying capacity (conductor-conductor)	2.5 A (1 s)
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

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Connection data

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
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


Ex Approvals

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Approvals

Approvals submitted

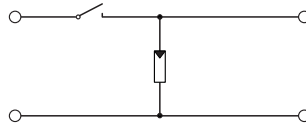
Approval details

CSA 	
mm ² /AWG/kcmil	24-12
Nominal current I _N	16 A
Nominal voltage U _N	60 V

EAC

Drawings

Circuit diagram



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Schematic diagram

