

Surge protection device - TT-UKK5-D-F/60AC - 2788207


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Double-level modular terminal block with gas-filled surge arrester as coarse protection between both levels, 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 071424
GTIN	4017918071424
Weight per Piece (excluding packing)	24.240 g
Custom tariff number	85363010
Country of origin	Greece

Technical data

Dimensions

Height	80 mm
Width	6.2 mm
Depth	68 mm

Ambient conditions

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

General

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

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Technical data

General

Standards for clearances and creepage distances	VDE 0110-1
Mounting type	DIN rail: 35 mm
Type	Double-level terminal block
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
Rated current	2 A AC
	300 mA DC
Operating effective current I_C at U_C	$\leq 2 \mu\text{A}$
Nominal discharge current I_n (8/20) μs (line-line)	5 kA
Total discharge current I_{total} (8/20) μs	5 kA
Max. discharge current I_{max} (8/20) μs maximum (line-line)	5 kA
Output voltage limitation at 1 kV/ μs (line-line) spike	$\leq 1 \text{ kV}$
Response time t_A (line-line)	$\leq 100 \text{ ns}$
Capacity (line-line)	typ. 2 pF
Surge protection fault message	none
Max. required back-up fuse	2 A AC (gL)
	315 mA DC (F)
Impulse durability (line-line)	C2 - 10 kV / 5 kA
Alternating current carrying capacity (line-line)	2.5 A - 1 s

Connection data

Connection method	Screw connection
Connection method IN	Screw terminal blocks
Connection method OUT	Screw terminal blocks
Screw thread	M3
Tightening torque	0.8 Nm
Stripping length	8 mm
Conductor cross section flexible	0.2 mm ² ... 4 mm ²
Conductor cross section solid	0.2 mm ² ... 4 mm ²
Conductor cross section AWG	24 ... 12

Standards and Regulations

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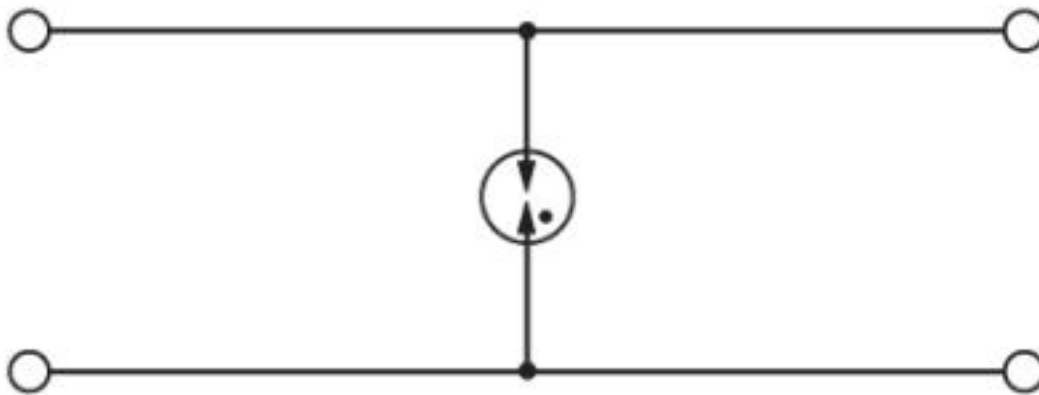
Technical data

Standards and Regulations

Standards/specifications	IEC 61643-21 2000
	EN 61643-21 2001

Drawings

Circuit diagram



Classifications

eCl@ss

eCl@ss 4.0	27140201
eCl@ss 4.1	27130801
eCl@ss 5.0	27130801
eCl@ss 5.1	27130800
eCl@ss 6.0	27130800
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
ETIM 6.0	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

Accessories

Additional products

Shield connection - SSA 3-6 - 2839295



Shield fast connection for 3 ... 6 mm cable diameter. Potential connecting cable: 200 mm, 1 mm², color: black

Shield connection - SSA 5-10 - 2839512



Shield fast connection for 5 ... 10 mm cable diameter. Potential connecting cable: 200 mm, 1 mm², color: black