


TT-UKK5-T-V-24DC-ST

Order No.: 2788391




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Protective plug with varistor for TERMITRAB base element TT-UKK5-T-BE, nominal voltage: 24 V DC

Commercial data	
GTIN (EAN)	
sales group	J303
Pack	50 pcs.
Customs tariff	85363030
Catalog page information	Page 108 (TT-2009)

Product notes

WEEE/RoHS-compliant since:
06/28/2006



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Technical data	
General	
Housing material	PA
Inflammability class acc. to UL 94	V2
Color	black

Standards for air and creepage distances	VDE 0110-1
Total surge current (8/20) μ s	350 A
Ambient temperature (operation)	-40 °C ... 60 °C
Mounting type	On base element
Design	Single-level terminal block
Number of positions	1
Degree of protection	IP20
Direction of action	Line-Line
Width	6.20 mm
Height	52.00 mm
Length	41.50 mm

Protective circuit

IEC category	C1
	C3
VDE requirement class	C1
	C3
Nominal voltage U_N	24 V DC
Maximum continuous operating voltage U_C	31 V DC
	25 V AC
Maximum continuous voltage U_C (wire-wire)	31 V DC
Maximum continuous voltage U_C (wire-ground)	25 V DC
Nominal current I_N	26 A (40°C)
Operating effective current I_C at U_C	$\leq 150 \mu$ A
Nominal discharge surge current I_n (8/20) μ s (Core-Core)	350 A
Total surge current (8/20) μ s	350 A
Max. discharge surge current I_{max} (8/20) μ s maximum (Core-Core)	1 kA
Nominal pulse current I_{an} (10/1000) μ s (Core-Core)	25 A
Residual voltage at I_n , (conductor-conductor)	≤ 130 V
Response time t_A (Core-Core)	≤ 25 ns
Capacity (Core-Core)	Typ. 4.6 nF
Surge carrying capacity in acc. with IEC 61643-21 (Core-Core)	C1 (500 V / 250 A)
	C3 (10 A)

Connection data

Type of connection	Screw connection (in connection with the base element)
Connection type IN	TERMITRAB plug-in system
Connection type OUT	TERMITRAB plug-in system
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

Connection, protective circuit

Standards/regulations	IEC 61643-21
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Certificates / Approvals



Certification GOST

Additional products

Item	Designation	Description
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Assembly

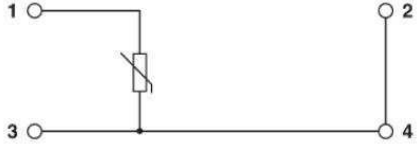
2839295	SSA 3-6	shield fast connections for conductor diameter 3 - 6 mm. Potential connection cable: 200 mm, black
2839512	SSA 5-10	Shield fast connection for conductor diameters 5 - 10 mm. Potential connection cable: 200 mm, black

General

2788401	TT-UKK5-T-BE	TERMITRAB base element with universal foot, with screw connections on both sides.
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Diagrams/Drawings

Circuit diagram



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