



Extract from the online catalog

TT-UKK5-T-V-120AC-ST

Order No.: 2818083

The illustration shows version TT-UKK5-T-V-24 DC-ST



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2818083>

Protective plug with varistor to plug onto base element TT-UKK5-T-BE, nominal voltage: 120 V AC

Commercial data	
EAN	4017918148317
Pack	50 pcs.
Customs tariff	85363030
Weight/Piece	0.009879 KG
Catalog page information	Page 88 (TT-2007)

Product notes

WEEE/RoHS-compliant since:
03/13/2006



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Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation. The General Terms and Conditions of Use apply to Internet downloads.

Technical data

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

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Standards for air and creepage distances	VDE 0110-1
Total surge current (8/20) μ s	2.5 kA
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
	C2
	C3
VDE requirement class	C2
	C3
Nominal voltage U_N	120 V AC
Max. operating voltage U_{max}	170 V DC
Arrester rated voltage U_C	170 V DC
	130 V AC
Arrester rated voltage U_C (Core-Core)	170 V DC
Arrester rated voltage U_C (Core-Earth)	130 V DC
Nominal current I_N	26 A (40°C)
Operating effective current I_C at U_C	$\leq 300 \mu$ A
Nominal discharge surge current I_n (8/20) μ s (Core-Core)	2.5 kA
Total surge current (8/20) μ s	2.5 kA
Max. discharge surge current I_{max} (8/20) μ s maximum (Core-Core)	8 kA
Nominal pulse current I_{an} (10/1000) μ s (Core-Core)	80 A
Residual voltage at I_n , (conductor-conductor)	≤ 475 V
Response time t_A (Core-Core)	≤ 25 ns
Capacity (Core-Core)	Typ. 1.34 nF

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Surge carrying capacity in acc. with IEC 61643-21 (Core-Core)	C2 (4 kV/2 kA)
	C3 (25 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, min	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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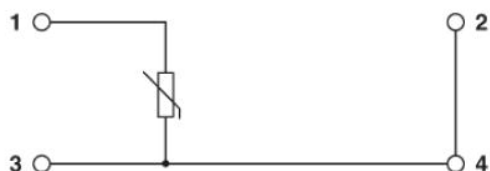
Certificates / Approvals



Certification GOST

Diagrams/Drawings

Circuit diagram



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