Extract from the online catalog

VAL-MS-T1/T2 335/12.5 ST

Order No.: 2800190

http://eshop.phoenixcontact.net/phoenix/treeViewClick.do?UID=2800190

L-N replacement connector for VAL-MS-T1/T2 335/12.5 plug-in lightning arrester.

http://www.download.phoenixcontact.com
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.

Commercial data	
EAN	4046356518611
Pack	10 pcs.
Customs tariff	85363030
Weight/Piece	0.1135 KG
Product key	07004
country of origin	DE
Catalog page information	Page 196 (NTK-2010)

Technical data

Standards

Housing material	PA
Inflammability class acc. to UL 94	V0
Color	black
Standards for air and creepage distances	DIN EN 60664-1
	EN 61643-1
Degree of protection	IP20
Mounting type	On base element
Design	DIN rail module, two-section, divisible

Number of positions	1
Ambient temperature (operation)	-40 °C ... 80 °C
Message surge protection faulty	Optical
Direction of action	L-N / L-PEN
Width	17.70 mm
Height	67.30 mm
Length	47.00 mm
Pitch unit	1 Div.

Protective circuit

IEC category	I, II
	T1, T2
EN type	T1, T2
Nominal voltage U_N	240 V AC (230 V AC ... 240 V AC)
Arrester rated voltage U_C	335 V AC
Arrester rated voltage U_C (L-N)	335 V AC
U_T (TOV-proof)	415 V AC (5 s)
Nominal frequency f_N	50 Hz (60 Hz)
Discharge current to PE at U_C	≤ 5 µA
Max. discharge surge current Imax (8/20) µs	50 kA
Nominal discharge surge current I_n (8/20) µs	12.5 kA
Lightning test current (10/350) µs, charge	6.25 As
Lightning test current (10/350) µs, specific energy	39.00 kJ/Ω
Lightning test current (10/350) µs, peak value I_{imp}	12.5 kA
Protection level Up	≤ 1.2 kV
	≤ 1.6 kV (30 kA - 8/20µs)
Residual voltage	≤ 1.2 kV
	≤ 1.1 kV (at 10 kA)
	≤ 1 kV (at 5 kA)
	≤ 0.9 kV (at 3 kA)
Response time	≤ 25 ns
Max. required backup fuse with branch wiring	160 A (gL/gG)
Short circuit resistance I_{CC} with max. backup fuse (effective)	25 kA

Connection, protective circuit

Connection type IN	FLASHTRAB/VALVETRAB plug-in system

Connection type OUT	FLASHTRAB/VALVETRAB plug-in system

Environmental conditions

Standards/regulations	IEC 61643-1
	DIN EN 61643-11
	DIN EN 61643-11/A11

Certificates / Approvals

Certification	CB, CCA, KEMA, OEVE

Address

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