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Surge protection plug for the base element, coarse protection for four signal lines grounded on one side.

Why buy this product

- ☑ Plugs can be checked with CHECKMASTER
- For systems with high dielectric strength or fine protection installed
- Maximum ease of maintenance thanks to the two-piece design
- Installation location directly where meas. and control cable enters building
- Base element remains an integral part of the installation \checkmark
- Consistent plug-in signal circuit protection

















Key Commercial Data

Packing unit	10 STK
GTIN	4 017918 892364
GTIN	4017918892364

Technical data

Dimensions

Height	45 mm
Width	17.7 mm
Depth	52 mm
Horizontal pitch	1 Div.
Complete module height	90 mm
Complete module width	17.7 mm
Complete module depth	65.5 mm

Ambient conditions



Technical data

Ambient conditions

Ambient temperature (operation)	-40 °C 85 °C
Ambient temperature (storage/transport)	-40 °C 85 °C
Altitude	≤ 2000 m (amsl (above mean sea level))
Degree of protection	IP20

General

Housing material	PA 6.6
Flammability rating according to UL 94	V-0
Color	jet black RAL 9005
Mounting type	on base element
Туре	Male
Direction of action	Line-Line & Line-Signal Ground/Shield & Signal Ground/Shield-Earth Ground
Arrester can be tested with CHECKMASTER from software version:	From SW rev. 1.10

Protective circuit

<u> </u>



Technical data

Protective circuit

Response time t _A (line-earth)	≤ 100 ns
Input attenuation aE, asym.	typ. 0.1 dB (≤ 1 MHz / 50 Ω)
Cut-off frequency fg (3 dB), asym. (GND) in 50 Ohm system	typ. 100 MHz
Capacity (line-earth)	typ. 2 pF (with PT 4-BE)
	typ. 2 pF (with PT 4+F-BE)
Resistance in series	0 Ω
Surge protection fault message	none
Max. required back-up fuse	2 A AC (T)
	150 mA DC (T)
Impulse durability (line-earth)	C2 - 10 kV/5 kA
	C1 - 1 kV/500 A
	C3 - 100 A
	D1 - 2.5 kA

Connection data

Connection method	Screw connection (in connection with the base element)
Screw thread	M3
Tightening torque	0.5 Nm
Stripping length	8 mm
Conductor cross section flexible	0.2 mm² 2.5 mm²
Conductor cross section solid	0.2 mm² 4 mm²
Conductor cross section AWG	24 12

Standards and Regulations

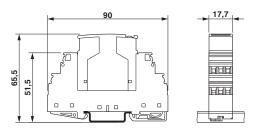
Standards/specifications	IEC 61643-21 2000 + corrigendum 2001 + A1:2008, modified + A2:2012
	EN 61643-21 2001 + A1:2009 + A2:2013

Drawings

Pictogram



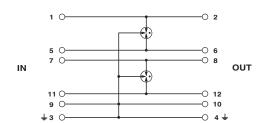
Dimensional drawing



The figure shows the complete module consisting of a base element and connector



Circuit diagram



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