

2839648

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Protective plug PT with device surge protection for power supply units, visual error display. Nominal voltage: 48 V AC

Your advantages

- · Easy testing and documentation with CHECKMASTER 2 with pluggable protective modules
- · Maximum ease of maintenance, thanks to the 2-piece design
- · Easy selection for all possible demands in MCR applications with a complete product portfolio
- · The signal is not influenced during maintenance work, thanks to the impedance-neutral insertion and removal of protective plugs

Commercial data

Item number	2839648
Packing unit	10 pc
Minimum order quantity	10 pc
Sales key	CL01
Product key	CL1411
Catalog page	Page 84 (C-4-2019)
GTIN	4017918193713
Weight per piece (including packing)	22.68 g
Weight per piece (excluding packing)	20.213 g
Customs tariff number	85363030
Country of origin	DE



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Technical data

Product properties

IEC power supply system	DC
Туре	Male
Product type	Device protection
Number of positions	2
Surge protection fault message	optical

Insulation characteristics

Overvoltage category	III
Pollution degree	2
Arrester can be tested with CHECKMASTER from software version:	From SW rev. 1.00
IEC test classification	III
	Т3
EN type	Т3
Number of ports	One

Dimensions

Dimensional drawing	44.8 17.5 2.89
Width	17.5 mm
Height	44.8 mm
Depth	51.7 mm
Horizontal pitch	1 Div.
Complete module width	17.7 mm
Complete module height	90 mm
Complete module depth	65.5 mm

Material specifications

Color	black (RAL 9005)
	Copper
Flammability rating according to UL 94	V-0
CTI value of material	600
Insulating material	PA 6.6
Housing material	PA 6.6

Protective circuit

Mode of protection	L-N
	L-PE



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	N-PE
	(L+) - (L-)
	(L+/L-) - PE
Direction of action	1L-N & N-PE
Nominal voltage U _N	48 V DC
Maximum continuous voltage U_{C}	60 V DC
Rated load current I _L	26 A (30 °C)
Residual current I _{PE}	≤ 10 µA
Nominal discharge current I _n (8/20) µs	500 A
Combination wave U _{OC}	1 kV (2 Ω)
	1 kV (2 Ω)
Voltage protection level U _p	≤ 120 V
Response time t _A (L-N)	≤ 1 ns
Response time t _A (L-PE)	≤ 1 ns
Short-circuit current rating I _{SCCR}	200 A (without backup fuse for $U_{\rm C}$)
Max. backup fuse with branch wiring	50 A (gG)

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-40 °C 80 °C
Ambient temperature (storage/transport)	-40 °C 80 °C
Altitude	≤ 2000 m (amsl)
Permissible humidity (operation)	5 % 95 %

Standards and regulations

Standards/specifications	EN 61643-11
Note	2012
Standards/specifications	IEC 61643-11
Note	2011

Mounting

Mounting type	on base element



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Classifications

ECLASS

	ECLASS-11.0	27130806
	ECLASS-13.0	27171203
E	ГІМ	
	ETIM 9.0	EC000942
	JORGO	
Uľ	NSPSC	
	UNSPSC 21.0	39121600



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Environmental product compliance

REACh SVHC	Lead 7439-92-1
	Hexahydromethylphthalic anhydride
OL: D. HO	
China RoHS	Environmentally Friendly Use Period = 50 years

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