

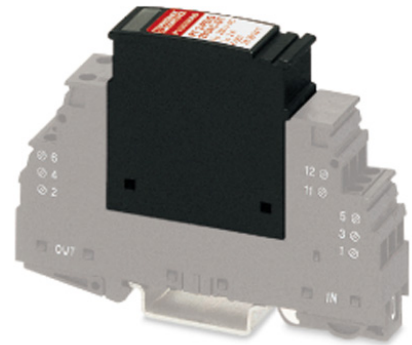


Extract from the online catalog

PT 2+1-S-48DC-ST

Order No.: 2839648

The illustration shows version PT 2-PE/S-230 AC-ST



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2839648>

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



Commercial data		Product notes	
EAN	4017918193713	WEEE/RoHS-compliant since:	
Pack	10 pcs.	01/02/2007	
Customs tariff	85363030		
Weight/Piece	0.02403 KG		
Catalog page information	Page 47 (TT-2009)		

Technical data	
Standards	
Housing material	PA
Inflammability class acc. to UL 94	V0
Color	black
Degree of protection	IP20

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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.

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Design	DIN rail module, two-section, divisible
Mounting type	On base element
Number of positions	2
Ambient temperature (operation)	-40 °C ... 85 °C
Arrester can be tested with CHECKMASTER from software version:	From SW rev. 1.00
Direction of action	1L-N & N-PE
Width	17.70 mm
Height	52.00 mm
Length	45.00 mm
Pitch unit	1 Div.

Protective circuit

IEC category	III
	T3
EN type	T3
Nominal voltage U_N	48 V DC
Arrester rated voltage U_C	60 V DC
Nominal current I_N	26 A (30°C)
Operating effective current I_C at U_C	$\leq 10 \mu A$
Discharge current to PE at U_C	$\leq 10 mA$
Nominal discharge surge current I_n (8/20) μs	500 A
Max. discharge surge current I_{max} (8/20) μs	500 A
Combined surge U_{OC}	6 kV (for 12 Ω)
Protection level U_P (L-N)	$\leq 120 V$
Protection level U_P (L-PE)	$\leq 120 V$
Protection level U_P (N-PE)	$\leq 120 V$
Response time t_A :	$\leq 1 ns$
Max. required back-up fuse	25 A (gL)
Message surge protection faulty	Optical

Connection, equipotential bonding

Tightening torque, min	0.8 Nm
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Connection, protective circuit

Standards/regulations	IEC 61643-1
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	EN 61643-11
	IEC 61643-21

Certificates / Approvals



Certification

CSA, CUL, GOST, UL

CUL

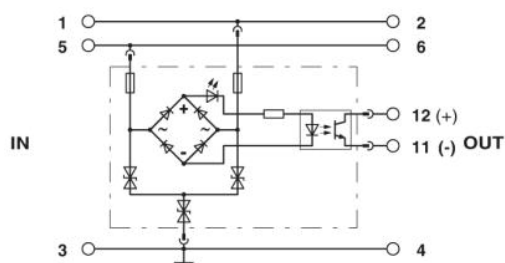
Nominal voltage U_N	34 V
Nominal current I_N	20 A

UL

Nominal voltage U_N	34 V
Nominal current I_N	20 A

Drawings

Circuit diagram



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