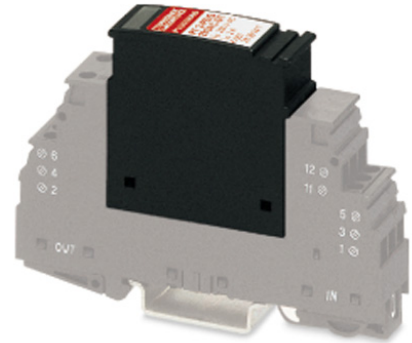


PT 2+1-S-48DC-ST

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

GTIN (EAN)	4017918193713
sales group	J030
Pack	10 pcs.
Customs tariff	85363030
Weight/Piece	0.02403 KG
Catalog page information	Page 47 (TT-2009)

Product notes

WEEE/RoHS-compliant since:
01/02/2007



<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.

Technical data

Standards

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

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	$\leq 10 \text{ mA}$
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)	$\leq 120 \text{ V}$
Protection level U_P (L-PE)	$\leq 120 \text{ V}$
Protection level U_P (N-PE)	$\leq 120 \text{ V}$
Response time t_A :	$\leq 1 \text{ ns}$
Max. required back-up fuse	25 A (gL)
Message surge protection faulty	Optical

Connection, protective circuit

Standards/regulations	IEC 61643-1
	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

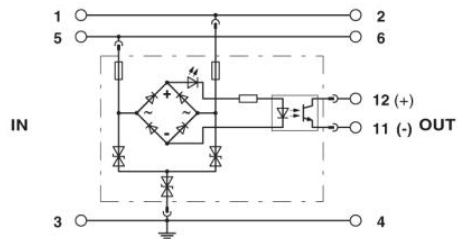
Nominal voltage U_N	34 V
Nominal current I_N	20 A

Accessories

Item	Designation	Description
Marking		
0811228	X-PEN 0,35	Marker pen without ink cartridge, for manual labeling of markers, labeling extremely wipe-proof, line thickness 0.35 mm
0814717	ZBF 15:SO/CMS	Zack strip, flat, 10-section, divisible, special printing, marking according to customer requirements
0808671	ZBF 5,LGS:FORTL.ZAHLEN	Zack strip, flat, printed horizontally: 10-section, with the numbers, 1-10, 11-20 etc. up to 991-1000, color: White
0810821	ZBF 5,LGS:GERADE ZAHLEN	Zack marker strip, flat, printed horizontally: 10-section, with even numbers, printed with the numbers: 2-20, 22-40, etc. up to 82-100
0810863	ZBF 5,LGS:UNGERADE ZAHLEN	Zack strip, flat, printed horizontally: 10-section, with odd numbers, printed with the numbers: 1-19, 21-39 etc. up to 81-99
0808697	ZBF 5,QR:FORTL.ZAHLEN	Flat Zack marker strip, printed vertically: 10-section, with the numbers 1-10, 11-20, etc. up to 151-160, color: White
0808668	ZBF 5/WH-100:UNBEDRUCKT	Zack strip, flat, unprinted: 10-section, for individual labeling with M-PEN or ZBF-T, large batch, sufficient for labeling 1000 terminal blocks, color: white
0808642	ZBF 5:UNBEDRUCKT	Zack strip, flat, unprinted: 10-section, for individual labeling with M-PEN or ZBF-T, sufficient for 100 terminal blocks, color: white
0800763	ZBN 18:SO/CMS	Marker labels, 5-section, special printing, labeled according to customer requirements (Please specify the required marking with order), for terminal width: 17.5 mm, color: White
2809128	ZBN 18:UNBEDRUCKT	Unprinted marker labels, strips with 5 labels for individual labeling with M-PEN or CMS system, for terminal block width: 17.5 mm, color: White

Diagrams/Drawings

Circuit diagram



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