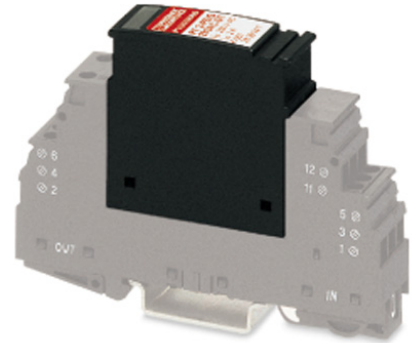


PT 2+1-S-48DC-ST

Order No.: 2839648

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



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



Commercial data	
EAN	4017918193713
Pack	10 pcs.
Customs tariff	85363030
Weight/Piece	0.02403 KG
Catalog page information	Page 41 (TT-2007)

Product notes

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



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
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	$\leq 10 \mu\text{A}$
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, equipotential bonding

Tightening torque, min	0.8 Nm
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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
0811228	X-PEN 0,35	Marker pen without ink cartridge, for manual labeling of markers, labeling extremely wipe-proof, line thickness 0.35 mm
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
0808707	ZBF 5:SO/CMS	Zack strip, flat, 10-section, divisible, special printing, marking according to customer requirements

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

Drawings

Circuit diagram

