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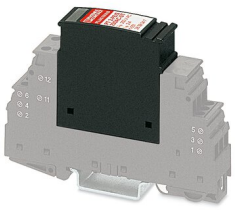
Visit our website - *Click HERE*

Type 3 surge protection plug - PT 2-PE/S-230AC-ST

2839347

https://www.phoenixcontact.com/us/products/2839347

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Type 3 arrester replacement plug (device protection) for 1-phase power supply networks with separate N and PE (3-conductor system: L1, N, PE).

Your advantages

- Plugs can be checked with CHECKMASTER
- Tool-free plug replacement
- Optical signaling of disconnection via LED

Commercial Data

Item number	2839347
Packing unit	1 pc
Minimum order quantity	1 pc
Sales Key	00
Product Key	CL1411
Catalog Page	Page 57 (C-6-2013)
GTIN	4017918182540
Weight per Piece (including packing)	26.47 g
Weight per Piece (excluding packing)	26.47 g
Customs tariff number	85363090
Country of origin	DE

Technical Data

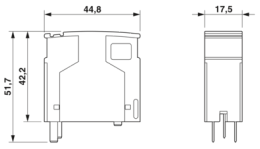
Product properties

Type	Male
Product type	Replacement plug
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
	T3
EN type	T3

Dimensions

Dimensional drawing	
Width	17.7 mm
Width	17.7 mm
Height	45 mm
Height	45 mm
Depth	52 mm
Depth	52 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
Flammability rating according to UL 94	V0
Housing material	PA 6.6

Protective circuit

Direction of action	1L-N & N-PE
Nominal frequency f_N	50 Hz
	60 Hz
Maximum continuous voltage U_C	253 V AC

Rated load current I_L	26 A (30 °C)
Residual current I_{PE}	≤ 2.5 µA
Standby power consumption P_C	≤ 350 mVA
Nominal discharge current I_n (8/20) µs	3 kA
	3 kA (in acc. with UL 1449)
Voltage protection level U_p (L-N)	≤ 1.1 kV
Voltage protection level U_p (L-PE)	≤ 1.5 kV
Voltage protection level U_p (N-PE)	≤ 1.5 kV
Residual voltage at In	≤ 1.1 kV
	≤ 600 V
	≤ 600 V
Response time t_A (L-N)	≤ 25 ns
Response time t_A (L-PE)	≤ 100 ns
Response time t_A (N-PE)	≤ 100 ns
Max. required back-up fuse	25 A (gL)
	25 A (MCB 25 A B/C)
Short-circuit withstand capability I_P with max. backup fuse (r.m.s.)	1.5 kA

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-40 °C ... 85 °C (non-Ex)
	-40 °C ... 80 °C (Class I Div. 2 Gr. A, B, C, D)

Standards and regulations

Air clearances and creepage distances

Standards/regulations	DIN VDE 0110-1 / IEC 60664-1

Standards

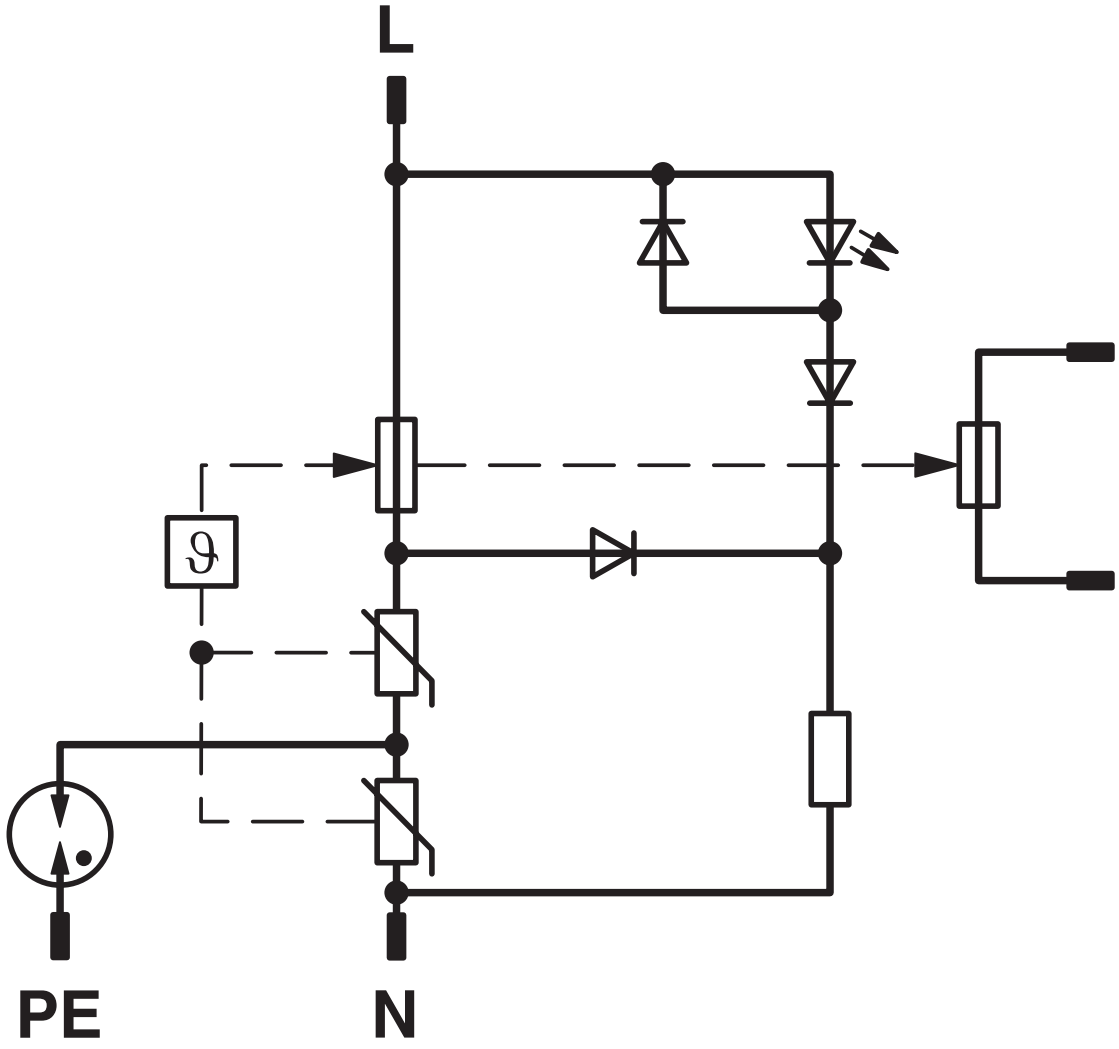
Standards/regulations	IEC 61643-1
	EN 61643-11/A11
	UL 1449
Standards/specifications	IEC 61643-1
Standards/specifications	EN 61643-11/A11
Standards/specifications	UL 1449

Mounting

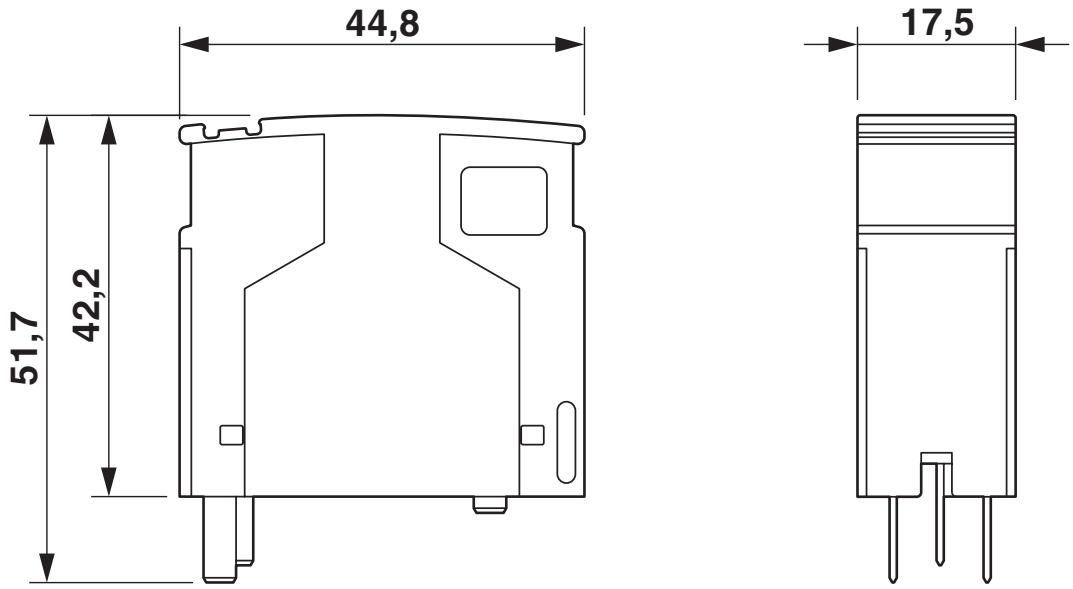
Mounting type	on base element

Drawings

Circuit diagram



Dimensional drawing



Classifications

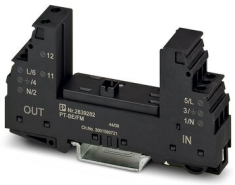
ECLASS

ECLASS-9.0	27130806

Mandatory Accessories

Type 3 surge protection base element

Type 3 surge protection base element - PT-BE/FM - 2839282



Base element for protective plug PT, for mounting on NS 35/7.5 and NS 35/15, housing width: 17.5 mm

Accessories

Zack Marker strip, flat

Zack Marker strip, flat - ZBF 5:UNBEDRUCKT - 0808642



Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: PLOTMARK, CMS-P1-PLOTTER, mounting type: snap in, for terminal block width: 5 mm, lettering field size: 5.1 x 5.2 mm, Number of individual labels: 10

Zack Marker strip, flat

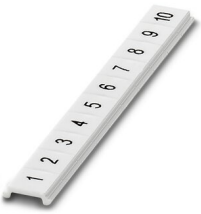
Zack Marker strip, flat - ZBF 5/WH-100:UNBEDRUCKT - 0808668



Zack Marker strip, flat, Strip, white, unlabeled, can be labeled with: CMS-P1-PLOTTER, PLOTMARK, mounting type: snap in, for terminal block width: 5 mm, lettering field size: 5.15 x 5.15 mm, Number of individual labels: 1000

Zack Marker strip, flat

Zack Marker strip, flat - ZBF 5,LGS:FORTL.ZAHLEN - 0808671



Zack Marker strip, flat, Strip, white, labeled, printed horizontally: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 491 ... 500, mounting type: snap into flat marker groove, for terminal block width: 5 mm, lettering field size: 5.15 x 5.15 mm, Number of individual labels: 10

Zack Marker strip, flat

Zack Marker strip, flat - ZBF 5,LGS:GERADE ZAHLEN - 0810821



Zack Marker strip, flat, Strip, white, labeled, printed horizontally: consecutive even numbers 2 ... 20, 22 ... 40, etc. up to 82 ... 100, mounting type: snap into flat marker groove, for terminal block width: 5 mm, lettering field size: 5.15 x 5.15 mm, Number of individual labels: 10

Zack Marker strip, flat

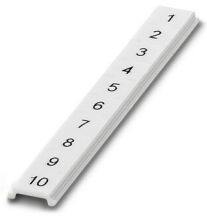
Zack Marker strip, flat - ZBF 5,LGS:UNGERADE ZAHLEN - 0810863



Zack Marker strip, flat, Strip, white, labeled, printed horizontally: Odd numbers 1 - 19, 21 - 39, etc. up to 81 - 99, mounting type: snap into flat marker groove, for terminal block width: 5 mm, lettering field size: 5.15 x 5.15 mm, Number of individual labels: 10

Zack Marker strip, flat

Zack Marker strip, flat - ZBF 5,QR:FORTL.ZAHLEN - 0808697



Zack Marker strip, flat, Strip, white, labeled, Printed vertically: consecutive numbers 1 ... 10, 11 ... 20, etc. up to 91 ... 100, mounting type: snap into flat marker groove, for terminal block width: 5 mm, lettering field size: 5.15 x 5.15 mm, Number of individual labels: 10

Marker pen

Marker pen - X-PEN 0,35 - 0811228



Marker pen without ink cartridge, for manual labeling of markers, labeling extremely wipe-proof, line thickness 0.35 mm

Zack marker strip

Zack marker strip - ZBN 18:UNBEDRUCKT - 2809128



Zack marker strip, Strip, white, unlabeled, can be labeled with: CMS-P1-PLOTTER, PLOTMARK, mounting type: snap in, for terminal block width: 18 mm, lettering field size: 18 x 5 mm, Number of individual labels: 5

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Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com

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