

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

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




Why buy this product

- Plugs can be checked with CHECKMASTER
- Maximum ease of maintenance thanks to the two-piece design
- Base element remains an integral part of the installation
- Consistent plug-in signal circuit protection
- Protective devices for use in telecommunications and signaling networks according to IEC 61643-21
- Impedance-neutral disconnection of plug for test and maintenance purposes
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Key commercial data

Packing unit	10 pc
GTIN	 4 017918 182502
Weight per Piece (excluding packing)	45.91 g
Custom tariff number	85363010
Country of origin	Germany

Technical data

Dimensions

Height	89.8 mm
Width	17.7 mm
Depth	52 mm
Complete module height	90 mm
Complete module width	17.7 mm
Complete module depth	65.5 mm

Ambient conditions

Degree of protection	IP20
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Technical data

Ambient conditions

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

General

Housing material	PA
Inflammability class according to UL 94	V0
Color	black
Type	DIN rail module, two-section, divisible
Mounting type	DIN rail: 35 mm

Protective circuit

IEC test classification	III
EN type	T3
Arrester rated voltage U_c	253 V AC
Nominal current I_N	26 A ($\leq 30^\circ\text{C}$)

Non-heating apparatus connection, power supply

Connection method	Screw connection
Connection type IN	Screw terminal blocks
Connection type OUT	Screw terminal blocks
Screw thread	M3
Tightening torque	0.8 Nm
Stripping length	8 mm
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	2.5 mm ²
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	12

Remote indicator contact

Connection name	Remote fault indicator contact
Switching function	N/C contact
Connection method	Screw connection
Screw thread	M3
Tightening torque	0.8 Nm
Stripping length	8 mm
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	2.5 mm ²
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	12

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Remote indicator contact

Maximum operating voltage U_{max} AC	250 V AC
Max. operating current I_{max}	3 A

Standards and Regulations

Standards/specifications	IEC 61643-1 2005
	EN 61643-11
	NF C61-740

Classifications

eCl@ss

eCl@ss 4.0	27140201
eCl@ss 4.1	27130801
eCl@ss 5.0	27130801
eCl@ss 5.1	27130801
eCl@ss 6.0	27130803
eCl@ss 7.0	27130803
eCl@ss 8.0	27130803

ETIM

ETIM 2.0	EC000472
ETIM 3.0	EC000472
ETIM 4.0	EC000472
ETIM 5.0	EC000472

UNSPSC

UNSPSC 6.01	30212010
UNSPSC 7.0901	39121610
UNSPSC 11	39121610
UNSPSC 12.01	39121610
UNSPSC 13.2	39121620

Approvals

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UL Recognized / KEMA-KEUR / ÖVE / cUL Recognized / CSA / CCA / IECCEB Scheme / GL / EAC / EAC / cULus Recognized

Ex Approvals


UL Recognized / cUL Recognized / cULus Recognized

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Approvals


Approvals submitted

Approval details

UL Recognized 


KEMA-KEUR 

ÖVE 

cUL Recognized 

CSA


CCA

IECEE CB Scheme 

GL

EAC

EAC

cULus Recognized 

Accessories

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Accessories

Labeled terminal marker

Zack marker strip - ZB 5,LGS:FORTL.ZAHLEN - 1050017



Zack marker strip, Strip, white, labeled, Printed horizontally: Consecutive numbers 1 - 10, 11 - 20, etc. up to 491 - 500, Mounting type: Snap into tall marker groove, for terminal block width: 5.2 mm, Lettering field: 5.15 x 10.5 mm

Marker for terminal blocks - ZB 5,LGS:L1-N,PE - 1050415



Marker for terminal blocks, Strip, white, labeled, Horizontal: L1, L2, L3, N, PE, L1, L2, L3, N, PE, Mounting type: Snap into tall marker groove, for terminal block width: 5.2 mm, Lettering field: 5.15 x 10.5 mm

Shield connection

Shield connection - SSA 3-6 - 2839295



shield fast connections for conductor diameter 3 - 6 mm. Potential connection cable: 200 mm, black

Shield connection - SSA 5-10 - 2839512



Shield fast connection for conductor diameters 5 - 10 mm. Potential connection cable: 200 mm, black

Terminal marking

Zack marker strip - ZB 5 :UNBEDRUCKT - 1050004



Zack marker strip, Strip, white, unlabeled, can be labeled with: Plotter, Mounting type: Snap into tall marker groove, for terminal block width: 5.2 mm, Lettering field: 5.1 x 10.5 mm

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Accessories

Zack marker strip - ZB 5,8:UNBEDRUCKT - 2715209



Zack marker strip, Strip, white, unlabeled, can be labeled with: Plotter, Mounting type: Snap into tall marker groove, for terminal block width: 5.8 mm, Lettering field: 5.75 x 10.5 mm

Additional products

Surge protection plug - PT 2X1-VF-230AC-ST - 2921365



Protective connector with protective circuit free of leakage current for two floating signals. Connection in series, consisting of varistor and gas-filled surge arrester between signal wires and ground.

Surge protection plug - PT 2X1VA- 60AC-ST - 2839172



Protective plug PT with protective circuit for higher signal voltages, 2-channel, visual fault warning. Nominal voltage: 60 V AC

Surge protection plug - PT 2X1VA-120AC-ST - 2839185



Protective plug PT with protective circuit for higher signal voltages, 2-channel, visual fault warning. Nominal voltage: 120 V AC

Surge protection plug - PT 2X1VA-230AC-ST - 2839198



Protective plug PT with protective circuit for higher signal voltages, 2-channel, visual fault warning. Nominal voltage: 230 V AC

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Accessories

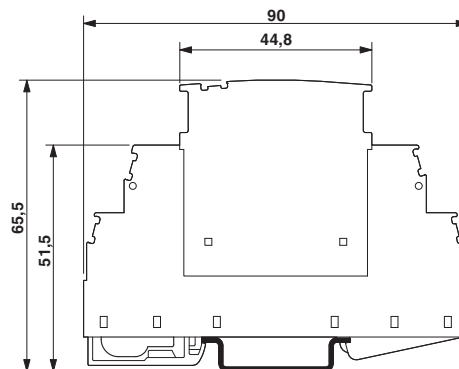
Surge protection plug - PT 2-F-ST - 2859000



Surge protection plug for the base element, surge voltage coarse protection for two signal lines grounded on one side.

Drawings

Dimensional drawing



The figure shows the complete module consisting of a base element and connector
