

## 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

### Product Features

- ✓ 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



### Key commercial data

Packing unit	1 PCE
Minimum order quantity	10 PCE
Catalog page	Page 97 (TT-2011)
GTIN	 4 017918 182502
Custom tariff number	85363010
Country of origin	GERMANY

### Technical data

#### Standards

Housing material	PA
Inflammability class according to UL 94	V0
Color	black
Degree of protection	IP20
Design	DIN rail module, two-section, divisible

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### Technical data

#### Standards

Mounting type	DIN rail: 35 mm
Ambient temperature (operation)	-40 °C ... 85 °C (non-EX)
Ambient temperature (operation)	-40 °C ... 80 °C (Class I Div. 2 Gr. A, B, C, D)
Width	17.7 mm
Height	89.8 mm
Depth	52 mm

#### Protective circuit

IEC category	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 stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	2.5 mm <sup>2</sup>
Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	4 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil 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 stranded min.	0.2 mm <sup>2</sup>
Conductor cross section stranded max.	2.5 mm <sup>2</sup>
Conductor cross section solid min.	0.2 mm <sup>2</sup>
Conductor cross section solid max.	4 mm <sup>2</sup>
Conductor cross section AWG/kcmil min.	24

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### Technical data

#### Remote indicator contact

Conductor cross section AWG/kcmil max	12
Maximum operating voltage $U_{max}$ AC	250 V AC
Max. operating current $I_{max}$	3 A

#### Standards

Standard - Electrical safety	IEC 61643-1 2005
Standard - Electrical safety	EN 61643-11
Standard - Electrical safety	NF C61-740

### Classifications

#### ETIM

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

#### UNSPSC

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

#### 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

### Approvals

#### Approvals

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

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

### Approvals

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Ex Approvals

UL Recognized / cUL Recognized / cULus Recognized


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Approvals submitted

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### Approval details

UL Recognized 

KEMA-KEUR 

ÖVE 

cUL Recognized 

GOST 

CSA

CCA

IECEE CB Scheme 

GL

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

### Approvals

cULus Recognized  US

### Accessories

#### Accessories

#### Assembly

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

### 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

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



Zack marker strip, Strip, white, labeled, Can be labeled with: Plotter, 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

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### Accessories

Zack marker strip - ZB 5,LGS:L1-N,PE - 1050415



Zack marker strip, Strip, white, labeled, Can be labeled with: Plotter, 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

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 connector - 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 connector - 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 connector - 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

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### Accessories

Surge protection connector - 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

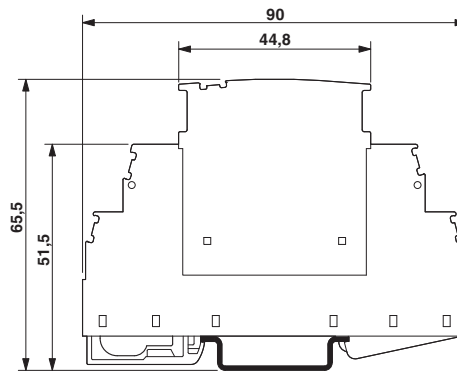
Surge protection connector - PT 2-F-ST - 2859000



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

### Drawings

Dimensioned drawing



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