

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

Please be informed that the data shown in this PDF Document is generated from our Online Catalog. Please find the complete data in the user's documentation. Our General Terms of Use for Downloads are valid (<http://download.phoenixcontact.com>)



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

<b>package_quantity</b>	10
<b>GTIN</b>	4017918182502

## Technical data

### Dimensions

<b>Height</b>	89.8 mm
<b>Width</b>	17.7 mm
<b>Depth</b>	52 mm
<b>Height</b>	90 mm
<b>Width</b>	17.7 mm
<b>Depth</b>	65.5 mm

### Ambient conditions

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

### General

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

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

### Technical data

#### Protective circuit

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

#### Non-heating apparatus connection, power supply

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

#### Remote indicator contact

<b>Connection name</b>	Remote fault indicator contact
<b>Switching function</b>	N/C contact
<b>Connection method</b>	Screw connection
<b>Screw thread</b>	M3
<b>Tightening torque</b>	0.8 Nm
<b>Stripping length</b>	8 mm
<b>Conductor cross section stranded min.</b>	0.2 mm <sup>2</sup>
<b>Conductor cross section stranded max.</b>	2.5 mm <sup>2</sup>
<b>Conductor cross section solid min.</b>	0.2 mm <sup>2</sup>
<b>Conductor cross section solid max.</b>	4 mm <sup>2</sup>
<b>Conductor cross section AWG/kcmil min.</b>	24
<b>Conductor cross section AWG/kcmil max</b>	12
<b>Maximum operating voltage <math>U_{max}</math> AC</b>	250 V AC
<b>Max. operating current <math>I_{max}</math></b>	3 A

#### Standards and Regulations

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

### classifications

eCI@ss

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

## 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

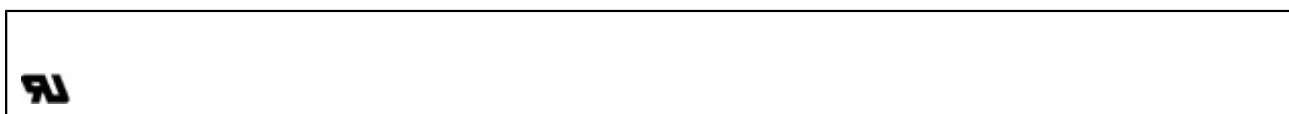
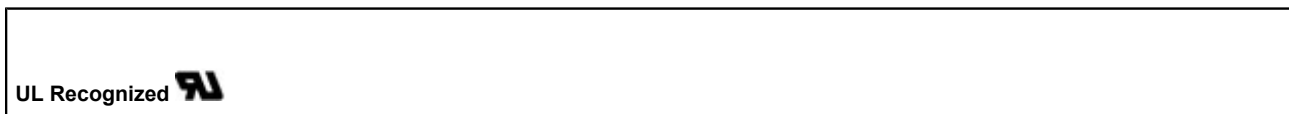
### UNSPSC

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

## approvals

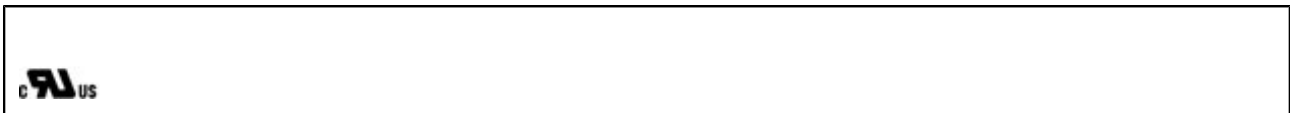
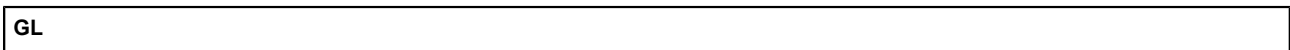
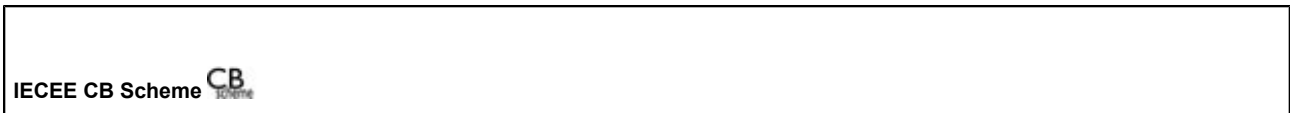
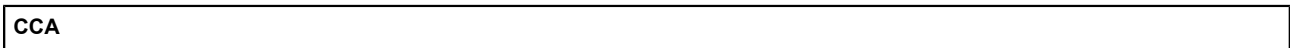
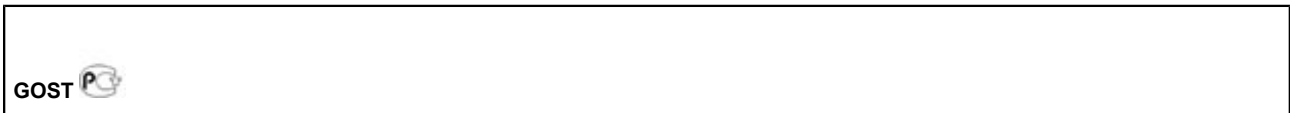
UL Recognized / cUL Recognized / cULus Recognized / UL Recognized / KEMA-KEUR / ÖVE / cUL Recognized / GOST / CSA / CCA / IEC EE CB Scheme / GL / cULus Recognized /

### Approval details



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

approvals



accessories

**Terminal marking**

ZB 5 : UNBEDRUCKT - 1050004



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

### accessories

ZB 5,8:UNBEDRUCKT - 2715209



---

### Labeled terminal marker

ZB 5,LGS:FORTL.ZAHLEN - 1050017



ZB 5,LGS:L1-N,PE - 1050415



---

### Shield connection

SSA 3-6 - 2839295



SSA 5-10 - 2839512



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

### accessories

ZB 5:SO/CMS - 1050295



---

ZB 5,8,LGS:FORTL.ZAHLEN - 2715212



---

ZB 5,8:SO/CMS - 1050305

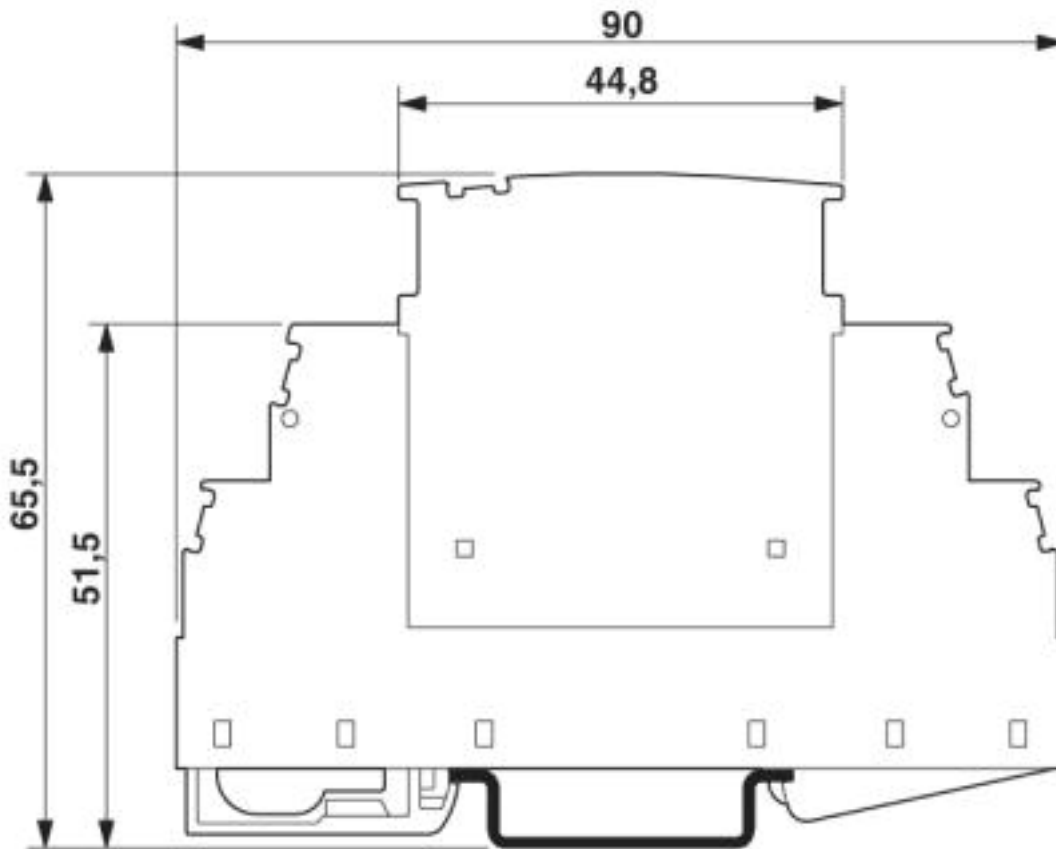


---

### Drawings

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

Dimensioned drawing



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

© Phoenix Contact 2013 - all rights reserved  
<http://www.phoenixcontact.com>