

Surge protection base element - PT 2XEX(I)-BE - 2839279

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Base element for protective plug PT with protective circuit for two 2-core floating EEx ia signal circuits. 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
- ✓ Tailored to the special requirements of intrinsically safe circuits
- ✓ Consistent plug-in signal circuit protection
- ✓ Impedance-neutral disconnection of plug for test and maintenance purposes

Key commercial data

package_quantity	10
GTIN	4017918182885

Technical data

Dimensions

Height	89.8 mm
Width	17.7 mm
Depth	52 mm
Pitch unit	1 Div.
Height	90 mm
Width	17.7 mm
Depth	65.5 mm

Ambient conditions

Ambient temperature (operation)	-40 °C ... 85 °C
Degree of protection	IP20

General

Inflammability class according to UL 94	V0
Color	blue
Standards for air and creepage distances	VDE 0110-1
Standards for air and creepage distances	IEC 60664-1
Standards for air and creepage distances	EN 60079-11
Mounting type	DIN rail: 35 mm

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Technical data

General

Design	DIN rail module, two-section, divisible
Number of positions	4

Protective circuit

Nominal current I_N	325 mA ($\leq 40^\circ\text{C}$)
Resistance in series	$\leq 2.2 \Omega \pm 10 \%$
Message: Surge protection fault	None

Connection data

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 ²
Conductor cross section stranded 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/kcmil min.	24
Conductor cross section AWG/kcmil max	12

Standards and Regulations

Standards/regulations	EN 61643-21
Standards/regulations	EN 60079-0
Standards/regulations	EN 60079-11
Standards/regulations	EN 60079-26
Standards/regulations	EN 61241-0
Standards/regulations	EN 61241-11

Conformity / approvals

ATEX	# II 1 G Ex ia IIC T4...T6
ATEX	# II 1 D Ex iaD 20 IP6x T85 °C...135 °C

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

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classifications

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 Listed / cUL Listed / INMETRO / cULus Listed / UL Listed / GOST /

Approval details

UL Listed 

cUL Listed 

INMETRO 

cULus Listed 



GOST 

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accessories

Shield connection

SSA 5-10 - 2839512



SSA 3-6 - 2839295



Terminal marking

ZB 5 :UNBEDRUCKT - 1050004



ZBF 5:UNBEDRUCKT - 0808642



ZB 5,8:UNBEDRUCKT - 2715209



Marker pen

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accessories

X-PEN 0,35 - 0811228



B-STIFT - 1051993



accessories

ZB 5:SO/CMS - 1050295



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



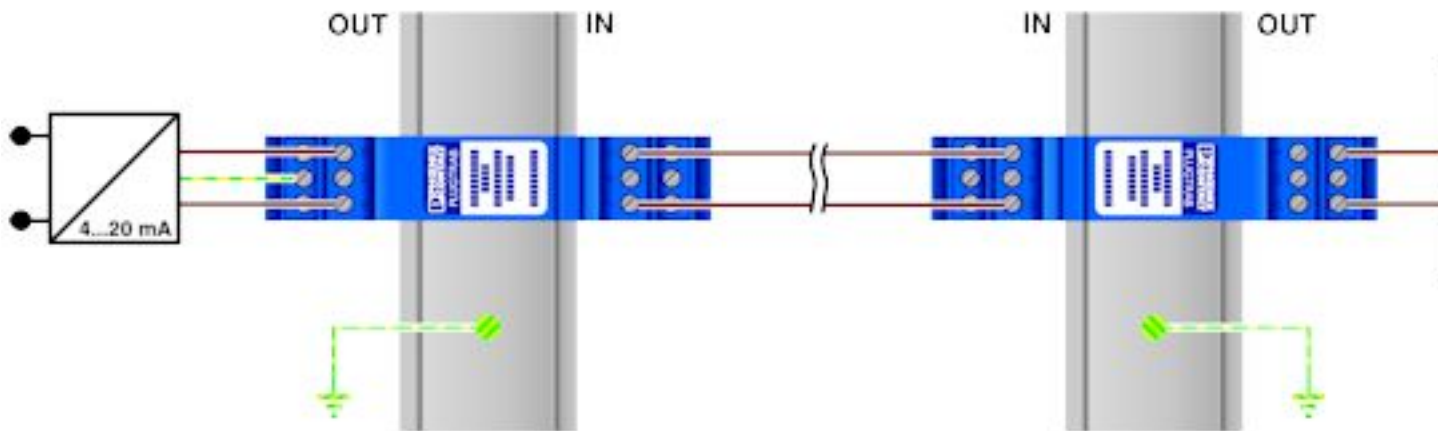
ZB 5,8:SO/CMS - 1050305



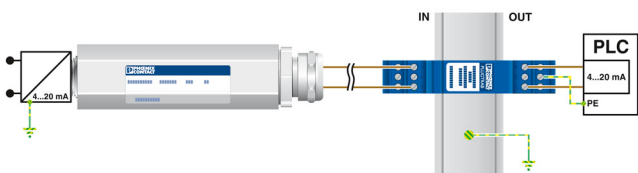
Drawings

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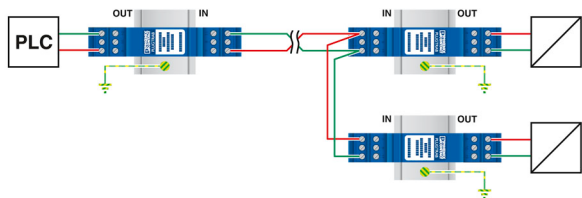
Application drawing



Application drawing

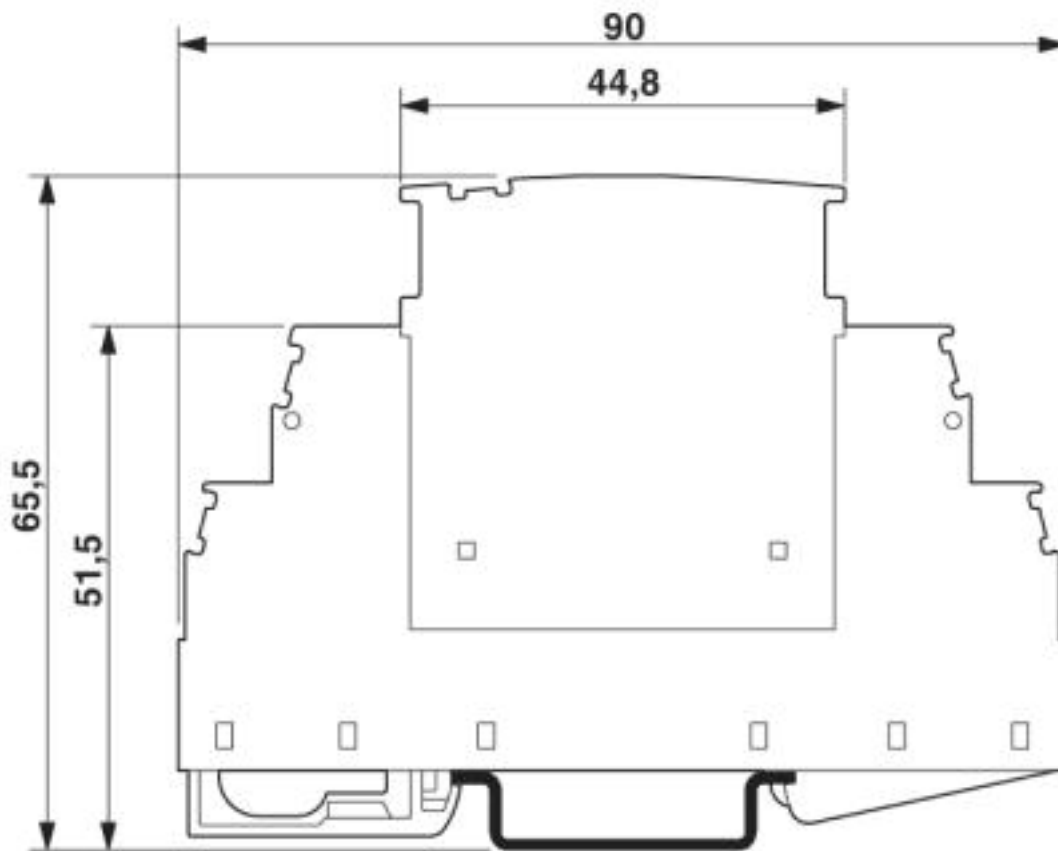


Application drawing



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Dimensioned drawing



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

Circuit diagram