

Surge protection base element - PT 1X2+F-BE - 2856126

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Base element for protective plug PT with protective circuit for a 2-core floating signal circuit. Integrated gas arrester as coarse protection between GND and PE. Mounting on NS 35/7.5 und NS 35/15, housing width: 17.5 mm.

Product Features

- ✓ Plugs can be checked with CHECKMASTER
- ✓ Installed in conjunction with the PT 1x2...-BE base element
- ✓ 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
- ✓ Protection for a floating signal circuit
- ✓ Impedance-neutral disconnection of plug for test and maintenance purposes

Key commercial data

package_quantity	10
GTIN	4017918599270

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	black
Mounting type	DIN rail: 35 mm
Design	DIN rail module, two-section, divisible
Direction of action	Signal Ground/Shield-Earth Ground

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Technical data

Protective circuit

Output voltage limitation at 1 kV/μs (Core-Earth) spike	≤ 600 V
Resistance in series	2.2 Ω #10% (7-8/11-12)
Resistance in series	≤ 1 Ω (9-10)

Connection data

Connection method	Screw connection
Connection type IN	Screw terminal blocks
Connection type OUT	Screw terminal blocks
Screw thread	M3
Tightening torque	0.5 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

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

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approvals

UL Listed / cUL Listed / ATEX / cULus Listed / UL Listed / GOST / GL /

Approval details

UL Listed 

cUL Listed 

ATEX 

Nominal voltage UN	
Nominal current IN	
mm²/AWG/kcmil	

cULus Listed 



GOST 

GL

accessories

Labeled terminal marker

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accessories

ZB 5,LGS:FORTL.ZAHLEN - 1050017



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



Terminal marking

ZB 5 :UNBEDRUCKT - 1050004



ZB 5,8:UNBEDRUCKT - 2715209



ZBF 5:UNBEDRUCKT - 0808642



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



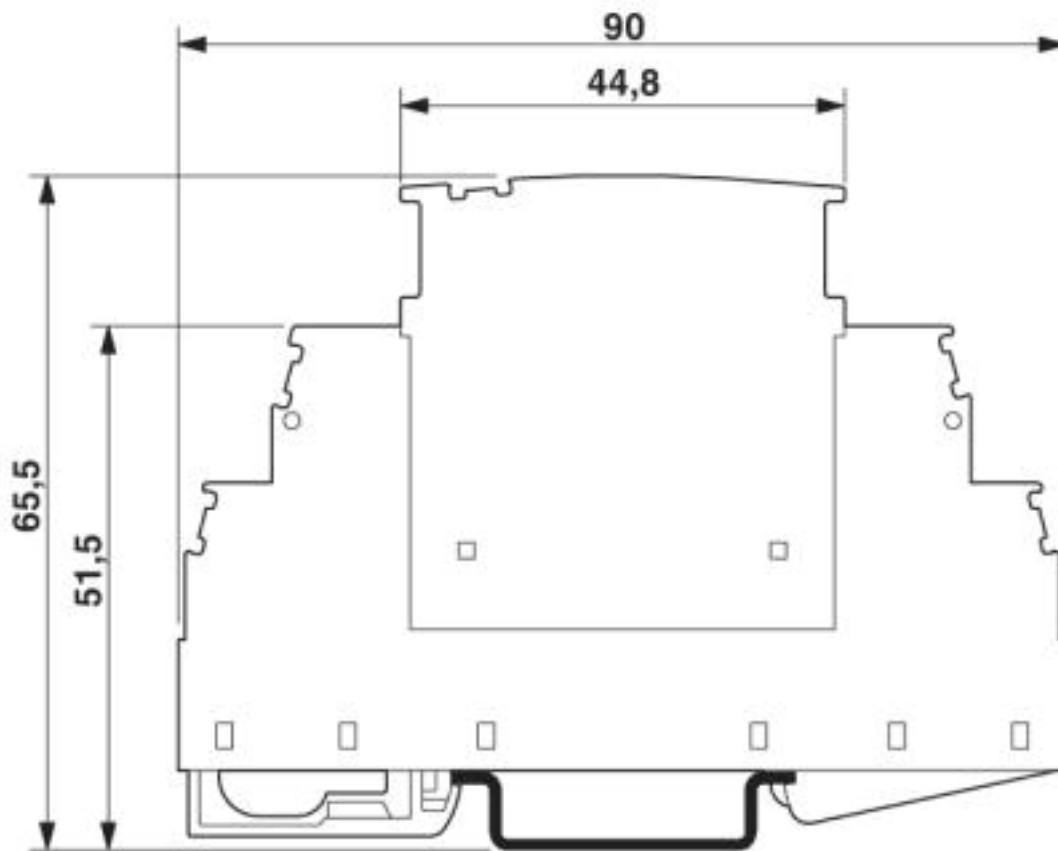
ZB 5,8:SO/CMS - 1050305



Drawings

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Dimensioned drawing



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

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