

Surge protection base element - PT 1X2-BE/FM - 2920010

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 to accept a protective plug with diagnostic and status indicator for one floating double wire

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
- ✓ Permanent and independent monitoring by a diagnostics unit
- ✓ With floating remote indication contact
- ✓ Impedance-neutral disconnection of plug for test and maintenance purposes
- ✓ Optical status indication for the individual arresters

Key commercial data

package_quantity	10
GTIN	4046356154024

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

Surge protection base element - PT 1X2-BE/FM - 2920010

Technical data

General

Direction of action	Shield-Earth Ground
---------------------	---------------------

Protective circuit

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

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	EC000943

UNSPSC

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

Surge protection base element - PT 1X2-BE/FM - 2920010

approvals

UL Listed / GOST / GL /

Approval details

UL Listed 

GOST 

GL

accessories

Labeled terminal marker

ZB 5,LGS:FORTL.ZAHLEN - 1050017



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



Terminal marking

ZB 5 :UNBEDRUCKT - 1050004



Surge protection base element - PT 1X2-BE/FM - 2920010

accessories

ZB 5,8:UNBEDRUCKT - 2715209



ZBF 5:UNBEDRUCKT - 0808642



Marker pen

X-PEN 0,35 - 0811228



B-STIFT - 1051993



accessories

ZB 5:SO/CMS - 1050295



Surge protection base element - PT 1X2-BE/FM - 2920010

accessories

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

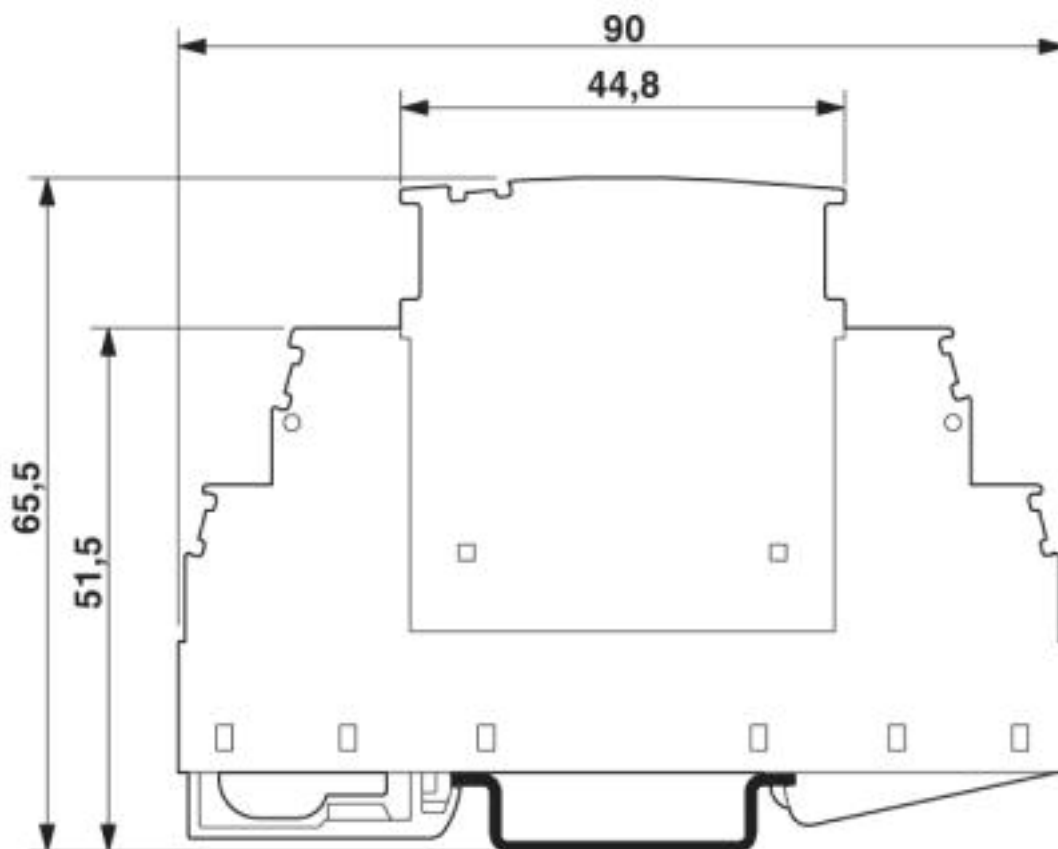


ZB 5,8:SO/CMS - 1050305



Drawings

Dimensioned drawing



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

