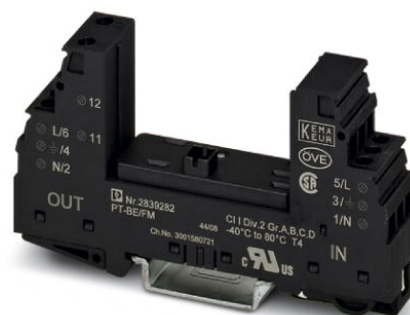


PT-BE/FM

Order No.: 2839282



Base element for protective plug PT, for mounting on NS 35/7.5 and NS 35/15, housing width: 17.5 mm

Commercial data

EAN	 4 017918 182502
Pack	10
Customs tariff	85363010
Gross weight in pieces	51.30 g
Country of Origin	DE
Catalog page information	Page 97 (TT-2011)

Product notes

WEEE/RoHS-compliant since:
19/11/2004



Please note that the data given here has been taken from the online catalog. For comprehensive information and data, please refer to the user documentation at <http://www.download.phoenixcontact.com>. The General Terms and Conditions of Use apply to Internet downloads.

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
Mounting type	DIN rail: 35 mm

Ambient temperature (operation)	-40 °C ... 85 °C (non-EX)
	-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 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

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 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
Maximum operating voltage U_{max} . AC	250 V AC
Max. operating current I_{max}	3 A

Standards

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

Certificates



Certification

CB, CCA, CSA-COMP, CUL, DEKRA NL, GL, GOST, OEVE, UL

Certification Ex:

CUL-EX, UL-EX

Certifications applied for:

Accessories

Item	Designation	Description
Assembly		
2839295	SSA 3-6	shield fast connections for conductor diameter 3 - 6 mm. Potential connection cable: 200 mm, black
2839512	SSA 5-10	Shield fast connection for conductor diameters 5 - 10 mm. Potential connection cable: 200 mm, black

Marking

1050004	ZB 5 :UNBEDRUCKT	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
2715212	ZB 5,8,LGS:FORTL.ZAHLEN	Zack marker strip, white, Printed horizontally: Consecutive numbers 1 - 10, 11 - 20, etc. up to 991 - 1000, For terminal block width: 5.8 mm
1050305	ZB 5,8:SO/CMS	Zack marker strip, white, red, ...

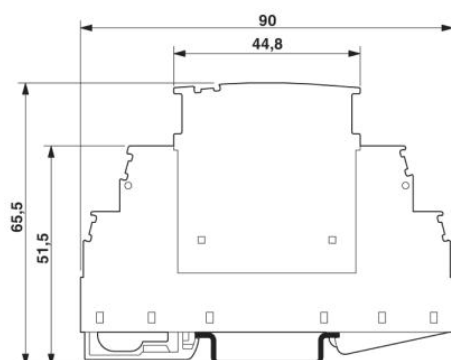
2715209	ZB 5,8:UNBEDRUCKT	Zack marker strip, Strip, white, Unlabeled, Can be labeled with: Plotter, Mounting type: Snap into tall marker groove, For terminal block width: 5.8 mm, Lettering field: 5.75 x 10.5 mm
1050017	ZB 5,LGS:FORTL.ZAHLEN	Zack marker strip, Strip, white, labeled, Can be labeled with: 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
1050415	ZB 5,LGS:L1-N,PE	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
1050295	ZB 5:SO/CMS	Zack marker strip, white, For terminal block width: 5 mm

Additional products

Item	Designation	Description
General		
2859000	PT 2-F-ST	Surge protection plug for the base element, surge voltage coarse protection for two signal lines grounded on one side.
2921365	PT 2X1-VF-230AC-ST	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.
2839172	PT 2X1VA- 60AC-ST	Protective plug PT with protective circuit for higher signal voltages, 2-channel, visual fault warning. Nominal voltage: 60 V AC
2839185	PT 2X1VA-120AC-ST	Protective plug PT with protective circuit for higher signal voltages, 2-channel, visual fault warning. Nominal voltage: 120 V AC
2839198	PT 2X1VA-230AC-ST	Protective plug PT with protective circuit for higher signal voltages, 2-channel, visual fault warning. Nominal voltage: 230 V AC

Drawings

Dimensioned drawing



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

Address

PHOENIX CONTACT Ltd
Halesfield 13
Telford / Shropshire / TF7 4PG, England
Phone 01952 681 700
Fax 01952 681 799
<http://www.phoenixcontact.co.uk>



Phoenix Contact Ltd.
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