

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://phoenixcontact.com/download>)

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



Why buy this product

- ✓ 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

Packing unit	10 STK
GTIN	 4 017918 182502
GTIN	4017918182502
Weight per Piece (excluding packing)	45.910 g
Custom tariff number	85363010
Country of origin	Germany

Technical data

Dimensions

Height	90 mm
Width	17.7 mm
Horizontal pitch	1 Div.
Complete module height	90 mm
Complete module width	17.7 mm
Complete module depth	65.5 mm

Ambient conditions

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

Technical data

Ambient conditions

Degree of protection	IP20
Ambient temperature (operation)	-40 °C ... 80 °C
Ambient temperature (storage/transport)	-40 °C ... 80 °C
Altitude	≤ 2000 m (amsl (above mean sea level))
Permissible humidity (operation)	5 % ... 95 %
Shock (operation)	30g (half sinus / 11 ms / 3x ±X, ±Y, ±Z)
Vibration (operation)	5g (10 ... 150 Hz/20 cycles/axis/X, Y, Z)

General

IEC test classification	III
	T3
EN type	T3
Number of ports	One
Mounting type	DIN rail: 35 mm
Color	jet black RAL 9005
Housing material	PA 6.6-FR
Degree of pollution	2
Flammability rating according to UL 94	V-0
Number of positions	3
Surge protection fault message	Remote indication contact

Protective circuit

Nominal voltage U_N	230 V AC (TN-S)
	230 V AC (TT)
Nominal frequency f_N	50 Hz (60 Hz)
Maximum continuous voltage U_C	264 V AC
Rated load current I_L	26 A (30 °C)
Short-circuit current rating I_{SCCR}	1.5 kA AC
Max. backup fuse with branch wiring	depends on the plug used
Maximum backup fuse for through wiring	25 A (gG / B / C)

Indicator/remote signaling

Switching function	N/C contact
Connection method	Screw connection
Conductor cross section flexible	0.2 mm ² ... 2.5 mm ²
Conductor cross section solid	0.2 mm ² ... 4 mm ²
Conductor cross section AWG	24 ... 12
Screw thread	M3
Tightening torque	0.8 Nm
Stripping length	8 mm

Connection data

Connection method	Screw connection
-------------------	------------------

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

Technical data

Connection data

Conductor cross section flexible	0.2 mm ² ... 2.5 mm ²
Conductor cross section solid	0.2 mm ² ... 4 mm ²
Conductor cross section AWG	24 ... 12
Screw thread	M3
Tightening torque	0.8 Nm
Stripping length	8 mm

UL specifications

SPD Type	ACC
Nominal voltage	240 V DC
Rated load current I _L	20 A
Power distribution system	1S
Nominal frequency	50/60 Hz

UL indicator/remote signaling

Tightening torque	5 lb _f -in. ... 7 lb _f -in.
Conductor cross section AWG	14 ... 12

UL connection data

Conductor cross section AWG	14 ... 12
Tightening torque	5 lb _f -in. ... 7 lb _f -in.

Standards and Regulations

Standards/specifications	IEC 61643-11 2011
	EN 61643-11 2012

Environmental Product Compliance

China RoHS	Environmentally Friendly Use Period = 50
	For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration"

Approvals

Approvals

Approvals

UL Recognized / cUL Recognized / GL / EAC / UL Recognized / cUL Recognized / cULus Recognized








Ex Approvals

UL Recognized / cUL Recognized / cULus Recognized

Approval details

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

Approvals

UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 330181
cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 330181
GL		http://exchange.dnv.com/tari/	36806-11 HH
EAC			RU C- DE.A*30.B01561
UL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 330181
cUL Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 330181
cULus Recognized		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	