

BXT-4XP-SEC-T3-60-FM - Surge protection device



2908681

<https://www.phoenixcontact.com/us/products/2908681>

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 documentation. Our general terms of use for downloads are valid.



Wall-mounted NEMA 4/4X (IP66/67) polycarbonate enclosure with surge protection for 60 V AC/DC power and a divided compartment ready for additional Isolated Loop Protection.

Your advantages

- Eligible for limited lifetime warranty (in some U.S. markets)
- Customizable: expand base unit with SPDs to suit your application
- Polycarbonate and 316L stainless steel enclosures available

Commercial data

Item number	2908681
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	CL20
Product key	CL1481
GTIN	4055626321455
Weight per piece (including packing)	222.222 g
Weight per piece (excluding packing)	222.222 g
Country of origin	DE

BXT-4XP-SEC-T3-60-FM - Surge protection device



2908681

<https://www.phoenixcontact.com/us/products/2908681>

Set consists of

PLT-SEC-T3-60-FM-UT - Type 3 surge protection device

2907917

<https://www.phoenixcontact.com/us/products/2907917>



Type 3 surge protection, consisting of protective plug and base element, with integrated status indicator and remote signaling for single-phase power supply networks. Nominal voltage: 60 V AC/DC

BXT-4XP-SEC-T3-60-FM - Surge protection device



2908681

<https://www.phoenixcontact.com/us/products/2908681>

Technical data

Product properties

Product type	Device protection
Type	DIN rail module, two-section, divisible
Surge protection fault message	optical
EN type	T2 / T3
Number of ports	One

Electrical properties

Nominal voltage U_N	60 V AC (Power)
-----------------------	-----------------

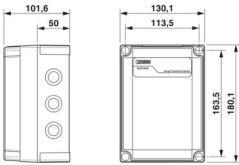
Indicator/remote signaling

Connection name	Remote fault indicator contact
Switching function	Changeover contact

Connection data

Screw thread	M3
Tightening torque, min	0.5 Nm
Conductor cross section flexible min.	0.2 mm ²
Conductor cross section flexible max.	2.5 mm ²
Conductor cross section, rigid min.	0.2 mm ²
Conductor cross section, rigid max.	4 mm ²
Connection method	Screw connection
Screw thread	M3

Dimensions

Dimensional drawing	
Width	130 mm
Height	180 mm
Depth	120 mm

Material specifications

Housing material	PC (polycarbonate)
------------------	--------------------

Protective circuit

Power supplies

Direction of action	L/N-PE & Signal Line-Shield-Earth Ground
Nominal voltage U_N	60 V AC (TN-S)

BXT-4XP-SEC-T3-60-FM - Surge protection device



2908681

<https://www.phoenixcontact.com/us/products/2908681>

Information technology

Max. operating voltage U_{\max}	80 V AC (Power)
Max. discharge current I_{\max} (8/20) μs	4 kA (Power)

Environmental and real-life conditions

Ambient conditions

Degree of protection	IP66 / NEMA 4X
Ambient temperature (operation)	-40 °C ... 80 °C
Ambient temperature (storage/transport)	-40 °C ... 80 °C
Altitude	≤ 6000 mm (operating voltage remote contact ≤ 150 V)
Permissible humidity (operation)	5 % ... 95 %

Mounting

Mounting type	Wall mounting
---------------	---------------

BXT-4XP-SEC-T3-60-FM - Surge protection device

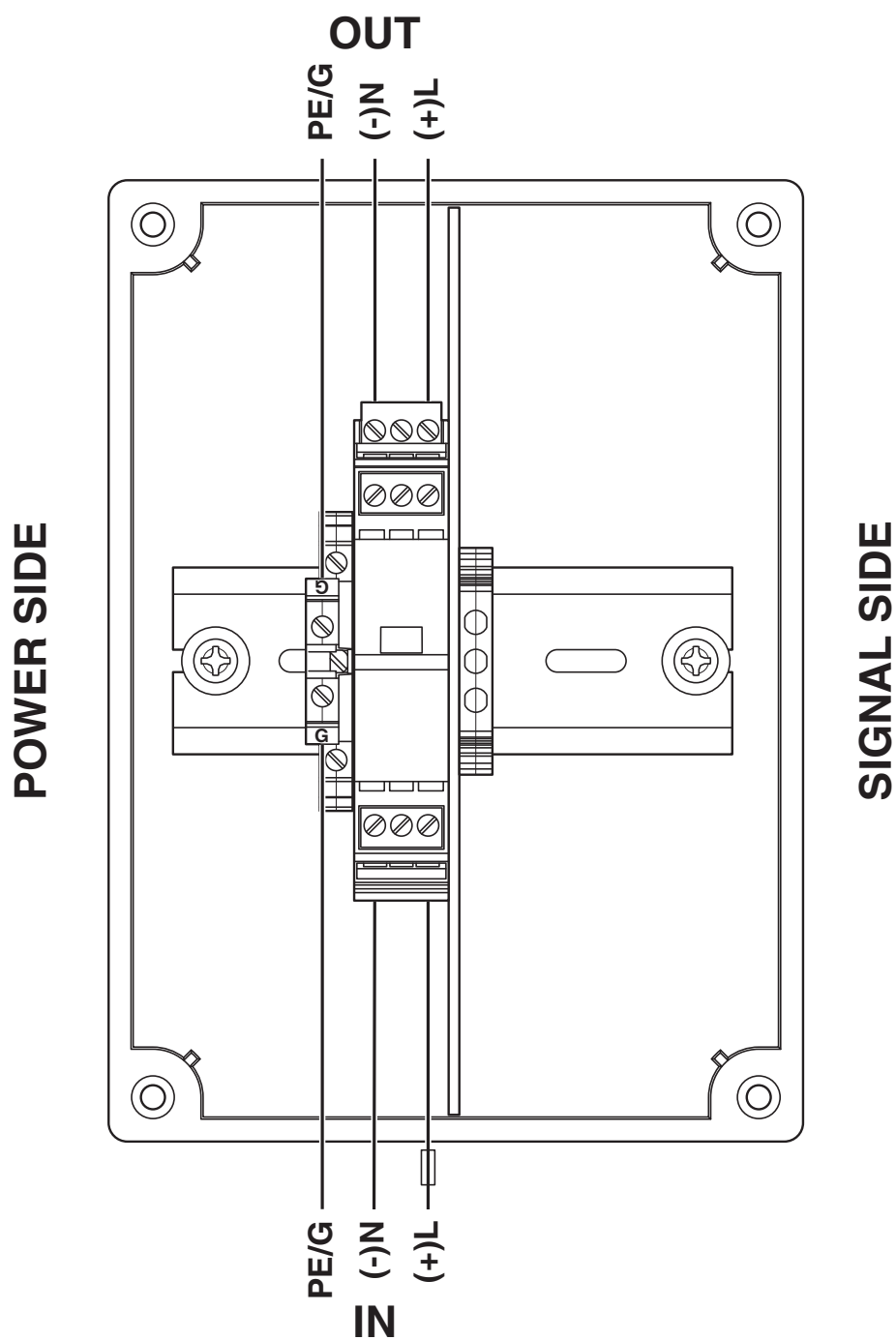
2908681

<https://www.phoenixcontact.com/us/products/2908681>



Drawings

Connection diagram



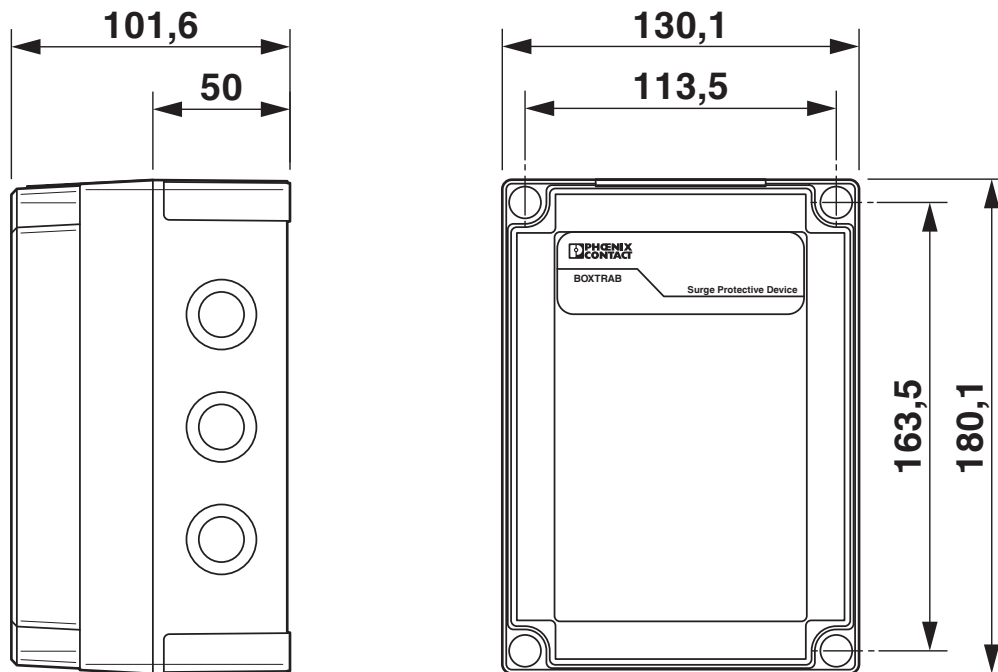
BXT-4XP-SEC-T3-60-FM - Surge protection device



2908681

<https://www.phoenixcontact.com/us/products/2908681>

Dimensional drawing



BXT-4XP-SEC-T3-60-FM - Surge protection device




2908681


<https://www.phoenixcontact.com/us/products/2908681>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2908681>



UL Listed
Approval ID: FILE E 330181



cUL Listed
Approval ID: FILE E 330181

cULus Listed

BXT-4XP-SEC-T3-60-FM - Surge protection device



2908681

<https://www.phoenixcontact.com/us/products/2908681>

Classifications

ECLASS

ECLASS-11.0	27130805
ECLASS-13.0	27171203

ETIM

ETIM 9.0	EC000942
----------	----------

Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Not applicable, Not qualified for the European market
China RoHS	
Environment friendly use period (EFUP)	EFUP-50
	An article-related China RoHS declaration table can be found in the download area for the respective article under "Manufacturer declaration". For all articles with EFUP-E, no China RoHS declaration table issued and required.
EU REACH SVHC	
REACH candidate substance (CAS No.)	No substance above 0.1 wt%

2908681

<https://www.phoenixcontact.com/us/products/2908681>

Accessories

G-INS-M16-T68N-PNES-LG - Cable gland

1424470

<https://www.phoenixcontact.com/us/products/1424470>



Cable gland, material for screw connection: PA, application: Standard, external cable diameter 4 mm ... 8 mm, shielding: no, connecting thread: M16 x 1.5, color: lightgray RAL 7035

G-INS-M20-M68N-PNES-LG - Cable gland

1424471

<https://www.phoenixcontact.com/us/products/1424471>



Cable gland, material for screw connection: PA, application: Standard, external cable diameter 10 mm ... 14 mm, shielding: no, connecting thread: M20 x 1.5, color: lightgray RAL 7035

BXT-4XP-SEC-T3-60-FM - Surge protection device



2908681

<https://www.phoenixcontact.com/us/products/2908681>

G-INS-M25-L68N-PNES-LG - Cable gland

1424472

<https://www.phoenixcontact.com/us/products/1424472>



Cable gland, material for screw connection: PA, application: Standard, external cable diameter 13 mm ... 18 mm, shielding: no, connecting thread: M25 x 1.5, color: lightgray RAL 7035

G-INS-M32-L68N-PNES-LG - Cable gland

1424473

<https://www.phoenixcontact.com/us/products/1424473>



Cable gland, material for screw connection: PA, application: Standard, external cable diameter 18 mm ... 25 mm, shielding: no, connecting thread: M32 x 1.5, color: lightgray RAL 7035

BXT-4XP-SEC-T3-60-FM - Surge protection device



2908681

<https://www.phoenixcontact.com/us/products/2908681>

SZS 0,6X3,5 VDE - Screwdriver

1212602

<https://www.phoenixcontact.com/us/products/1212602>



Screwdriver, slot-headed, VDE insulated, size: 0.6 x 3.5 x 100 mm, 2-component grip, with non-slip grip

PLT-SEC-T3-60-P-UT/PT - Type 3 surge protection plug

2907921

<https://www.phoenixcontact.com/us/products/2907921>



Replacement plug for type 3 surge protection from the PLT-SEC-...-UT/PT product series. Nominal voltage 60 V.

Phoenix Contact 2024 © - all rights reserved

<https://www.phoenixcontact.com>

Phoenix Contact USA
586 Fulling Mill Road
Middletown, PA 17057, United States
(+717) 944-1300
info@phoenixcon.com