

# BXT-4XS-SEC-T3-120-FM - Surge protection device



1191884

<https://www.phoenixcontact.com/us/products/1191884>

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) 316L stainless steel enclosure with surge protection for 120 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)
- Polycarbonate and 316L stainless steel enclosures available
- UL 1449 Listed SPD
- Customizable: expand base unit with SPDs to suit your application

## Commercial data

Item number	1191884
Packing unit	1 pc
Minimum order quantity	1 pc
Sales key	CL20
Product key	CL1481
GTIN	4063151244101
Weight per piece (including packing)	3,400 g
Weight per piece (excluding packing)	3.3 g
Country of origin	US

# BXT-4XS-SEC-T3-120-FM - Surge protection device



1191884

<https://www.phoenixcontact.com/us/products/1191884>

## Set consists of

PLT-SEC-T3-120-FM-UT - Type 3 surge protection device

2907918

<https://www.phoenixcontact.com/us/products/2907918>



Type 2/3 surge protection, consisting of protective plug and base element, with integrated status indicator and remote signaling for single-phase power supply networks. Nominal voltage: 120 V AC/DC

# BXT-4XS-SEC-T3-120-FM - Surge protection device



1191884

<https://www.phoenixcontact.com/us/products/1191884>

## Technical data

### Product properties

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

### Electrical properties

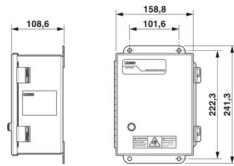
#### Indicator/remote signaling

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 <sup>2</sup>
Conductor cross-section flexible max.	2.5 mm <sup>2</sup>
Conductor cross-section, rigid min.	0.2 mm <sup>2</sup>
Conductor cross-section, rigid max.	4 mm <sup>2</sup>
Connection method	Screw connection
Screw thread	M3

### Dimensions

Dimensional drawing	
Width	152 mm
Height	203 mm
Depth	102 mm

### Material specifications

Color	Steel/stainless steel color
Housing material	Stainless steel, 316L, electropolished

### Protective circuit

#### Power supplies

Direction of action	L/N-PE & Signal Line-Shield-Earth Ground
Nominal voltage $U_N$	120 V AC (TN-S)

# BXT-4XS-SEC-T3-120-FM - Surge protection device



1191884

<https://www.phoenixcontact.com/us/products/1191884>

	120 V AC (TT)
Information technology	
Nominal current $I_N$	20 A (Power)
Max. discharge current $I_{max}$ (8/20) $\mu$ s	10 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 %

## Approvals

### UL specifications

Maximum continuous operating voltage MCOV	150 V AC/DC
Short-circuit current rating (SCCR)	10 kA
Voltage protection rating VPR (L-N)	700 V
Voltage protection rating VPR (L-G)	1000 V
Voltage protection rating VPR (N-G)	900 V
Voltage protection rating VPR (DC+) - (DC-)	700 V
Voltage protection rating VPR (DC+) - G	1000 V
Voltage protection rating VPR (DC-) - G	900 V
UL type	type 2
Nominal discharge current $I_n$	5 kA
Maximum Circuit Breaker	25.00 A
Maximum Surge Current per Phase	20 A

## Mounting

Mounting type	Panel mounting
---------------	----------------

# BXT-4XS-SEC-T3-120-FM - Surge protection device

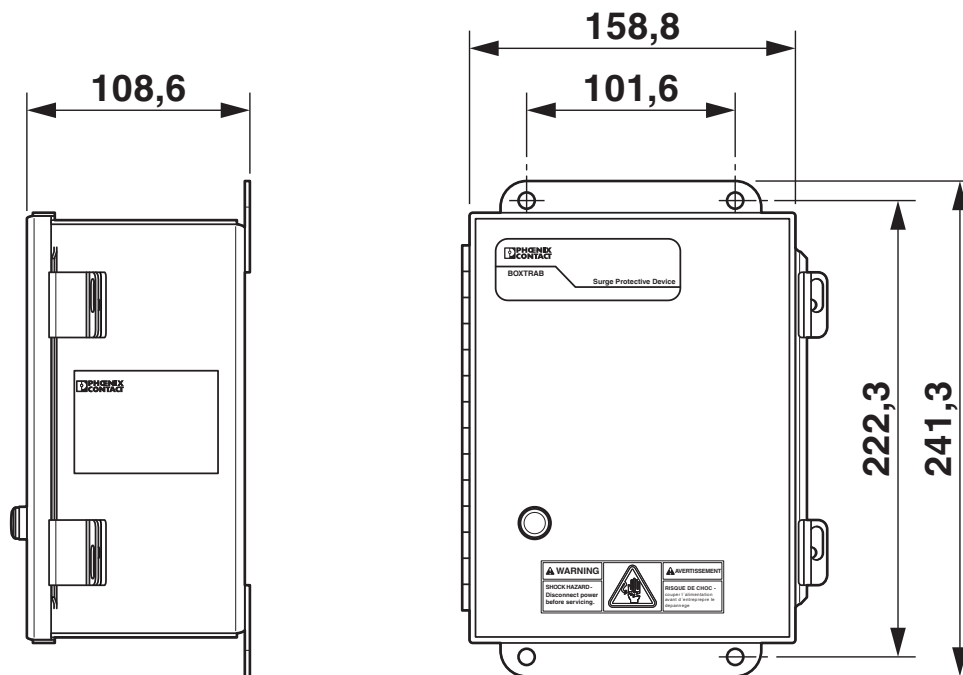


1191884

<https://www.phoenixcontact.com/us/products/1191884>

## Drawings

Dimensional drawing



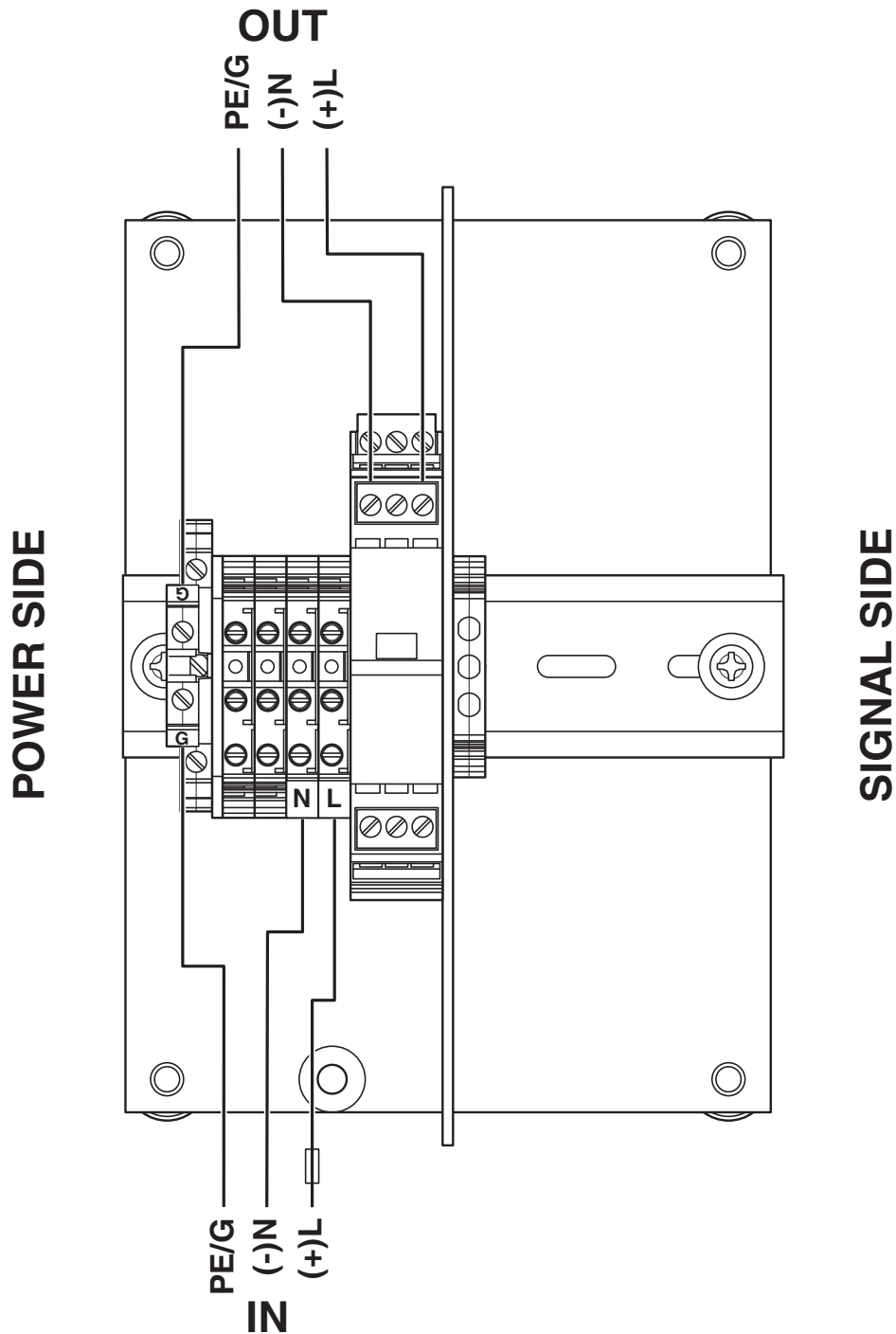
# BXT-4XS-SEC-T3-120-FM - Surge protection device



1191884

<https://www.phoenixcontact.com/us/products/1191884>

Connection diagram



1191884

<https://www.phoenixcontact.com/us/products/1191884>

## Classifications

### ECLASS

ECLASS-13.0	27171203
ECLASS-15.0	27171203

### ETIM

ETIM 10.0	EC000942
-----------	----------

# BXT-4XS-SEC-T3-120-FM - Surge protection device



1191884

<https://www.phoenixcontact.com/us/products/1191884>

## Environmental product compliance

### EU RoHS

Fulfills EU RoHS substance requirements	Not applicable, Not qualified for the European market
---	---

### EU REACH SVHC

REACH candidate substance (CAS No.)	No substance above 0.1 wt%
-------------------------------------	----------------------------

Phoenix Contact 2026 © - 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](mailto:info@phoenixcon.com)