

1191884

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

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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)	3,300 g
Country of origin	US

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



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## 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

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## 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

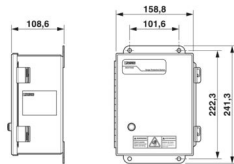
### Electrical properties

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 mm²
Conductor cross section flexible max.	2.5 mm²
Conductor cross section, rigid min.	0.2 mm²
Conductor cross section, rigid max.	4 mm²
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)

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	120 V AC (TT)
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## Information technology

Max. discharge current $I_{\max}$ (8/20) $\mu\text{s}$	10 kA (Power)
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## 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	$\leq 6000$ mm (operating voltage remote contact $\leq 150$ 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	Wall mounting
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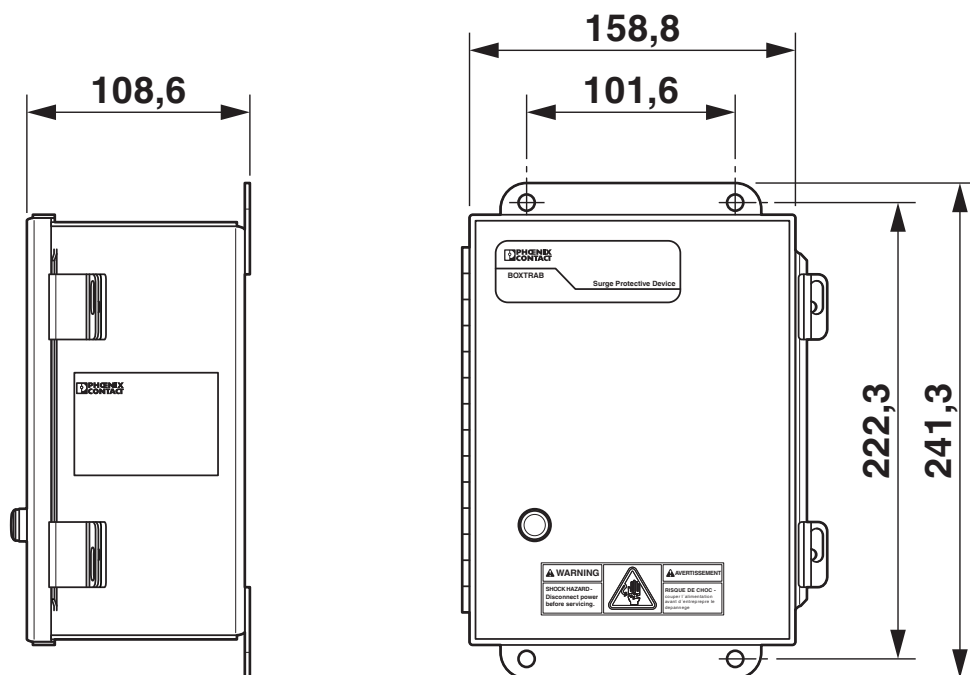


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## Drawings

Dimensional drawing



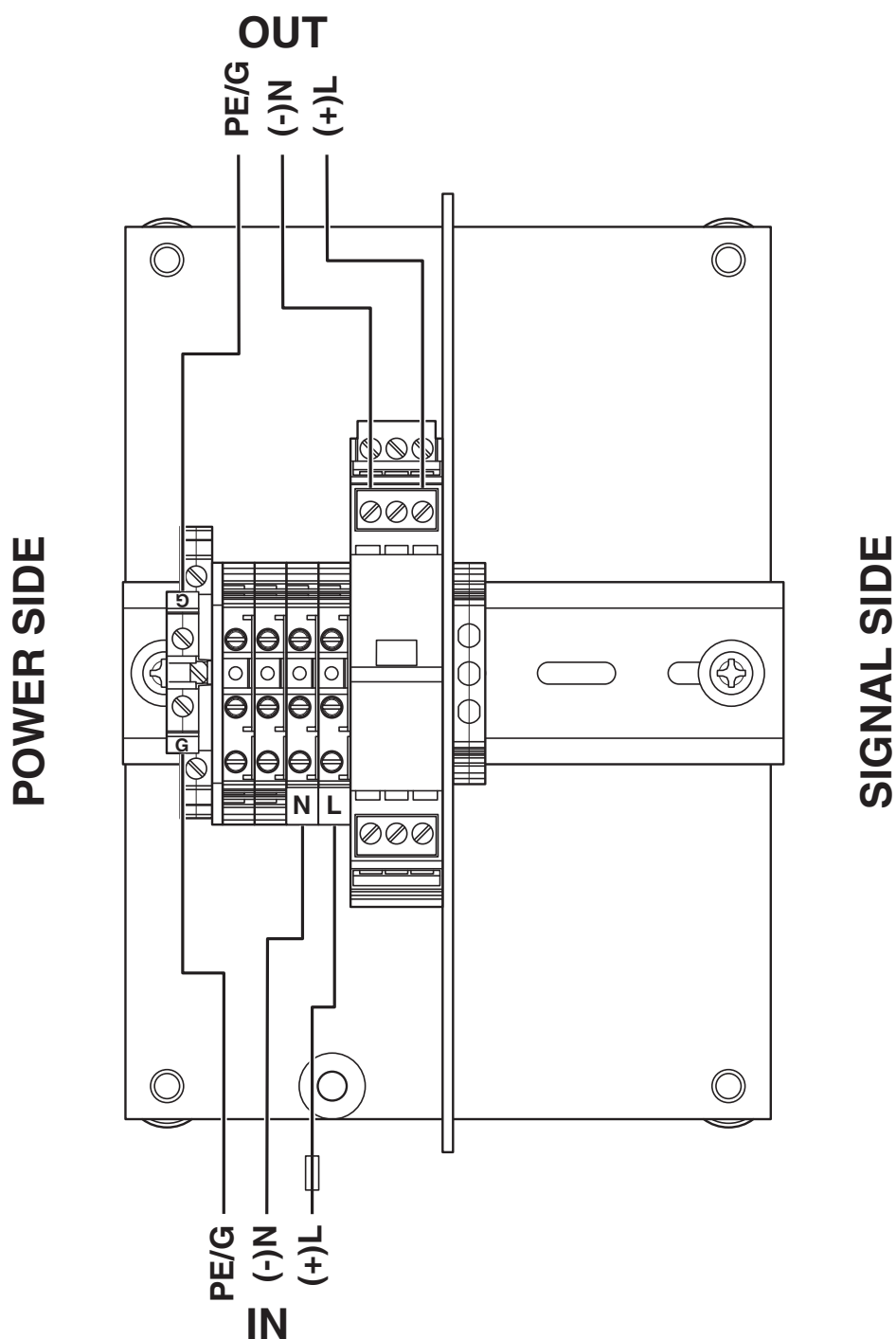
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Connection diagram



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




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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/1191884>



**UL Listed**  
Approval ID: FILE E 330181



**cUL Listed**  
Approval ID: FILE E 330181

**cULus Listed**

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## Classifications

### ECLASS

ECLASS-11.0	27130805
ECLASS-13.0	27171203

### ETIM

ETIM 9.0	EC000942
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Environmental product compliance

EU RoHS	
Fulfills EU RoHS substance requirements	Yes
Exemption	6(c), 7(c)-I
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.)	Lead(CAS: 7439-92-1)

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## Accessories

### G-ESS-M20-S66L-STES-S - Cable gland

1411076

<https://www.phoenixcontact.com/us/products/1411076>



Cable gland, material for screw connection: Stainless steel 316L, application: Ex, external cable diameter 6.5 mm ... 14 mm, shielding: no, connecting thread: M20 x 1.5, color: silver

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### G-ESS-M25-M66L-STES-S - Cable gland

1411078

<https://www.phoenixcontact.com/us/products/1411078>



Cable gland, material for screw connection: Stainless steel 316L, application: Ex, external cable diameter 11.1 mm ... 20 mm, shielding: no, connecting thread: M25 x 1.5, color: silver

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## G-ESS-M32-M66L-STES-S - Cable gland

1411080

<https://www.phoenixcontact.com/us/products/1411080>



Cable gland, material for screw connection: Stainless steel 316L, application: Ex, external cable diameter 17 mm ... 26.3 mm, shielding: no, connecting thread: M32 x 1.5, color: silver

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## G-ESS-M40-L66L-STES-S - Cable gland

1411082

<https://www.phoenixcontact.com/us/products/1411082>



Cable gland, material for screw connection: Stainless steel 316L, application: Ex, external cable diameter 23.5 mm ... 32.2 mm, shielding: no, connecting thread: M40 x 1.5, color: silver

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## G-ESS-M50-L66L-STES-S - Cable gland

1411085

<https://www.phoenixcontact.com/us/products/1411085>



Cable gland, material for screw connection: Stainless steel 316L, application: Ex, external cable diameter 35.6 mm ... 44.1 mm, shielding: no, connecting thread: M50 x 1.5, color: silver

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## 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

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## PLT-SEC-T3-120-P-UT/PT - Type 3 surge protection plug

2907922

<https://www.phoenixcontact.com/us/products/2907922>



Replacement plug for type 2/3 surge protection from the PLT-SEC-...-UT/PT product series. Nominal voltage 120 V.

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