

BXT-4XP-SEC-T3-24-FM - Surge protection device



2908680

<https://www.phoenixcontact.com/us/products/2908680>

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 24 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 | 2908680 |
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales key | CL20 |
| Product key | CL1481 |
| GTIN | 4055626321448 |
| Weight per piece (including packing) | 760 g |
| Weight per piece (excluding packing) | 648 g |
| Country of origin | DE |

BXT-4XP-SEC-T3-24-FM - Surge protection device



2908680

<https://www.phoenixcontact.com/us/products/2908680>

Set consists of

PLT-SEC-T3-24-FM-UT - Type 3 surge protection device

2907916

<https://www.phoenixcontact.com/us/products/2907916>



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: 24 V AC/DC

BXT-4XP-SEC-T3-24-FM - Surge protection device



2908680

<https://www.phoenixcontact.com/us/products/2908680>

Technical data

Notes

Trade restriction

| | |
|---------|--|
| CE note | The products are offered exclusively for export outside the EU and the European Economic Area. |
|---------|--|

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 | 24 V AC (Power) |
|-----------------------|-----------------|

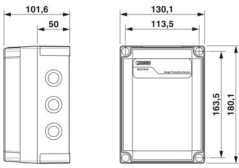
Indicator/remote signaling

| | |
|--------------------|--------------------------------|
| 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 |
|------------------|----|

BXT-4XP-SEC-T3-24-FM - Surge protection device



2908680

<https://www.phoenixcontact.com/us/products/2908680>

Protective circuit

Power supplies

| | |
|-----------------------|--|
| Direction of action | L/N-PE & Signal Line-Shield-Earth Ground |
| Nominal voltage U_N | 24 V AC (TN-S) |

Information technology

| | |
|---|-----------------|
| Nominal voltage U_N | 24 V AC (Power) |
| Max. operating voltage U_{max} | 34 V AC (Power) |
| Nominal current I_N | 20 A (Power) |
| Max. discharge current I_{max} (8/20) μ s | 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 | \leq 6000 mm (operating voltage remote contact \leq 150 V) |
| Permissible humidity (operation) | 5 % ... 95 % |

Mounting

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

BXT-4XP-SEC-T3-24-FM - Surge protection device



2908680

<https://www.phoenixcontact.com/us/products/2908680>

Drawings

Dimensional drawing



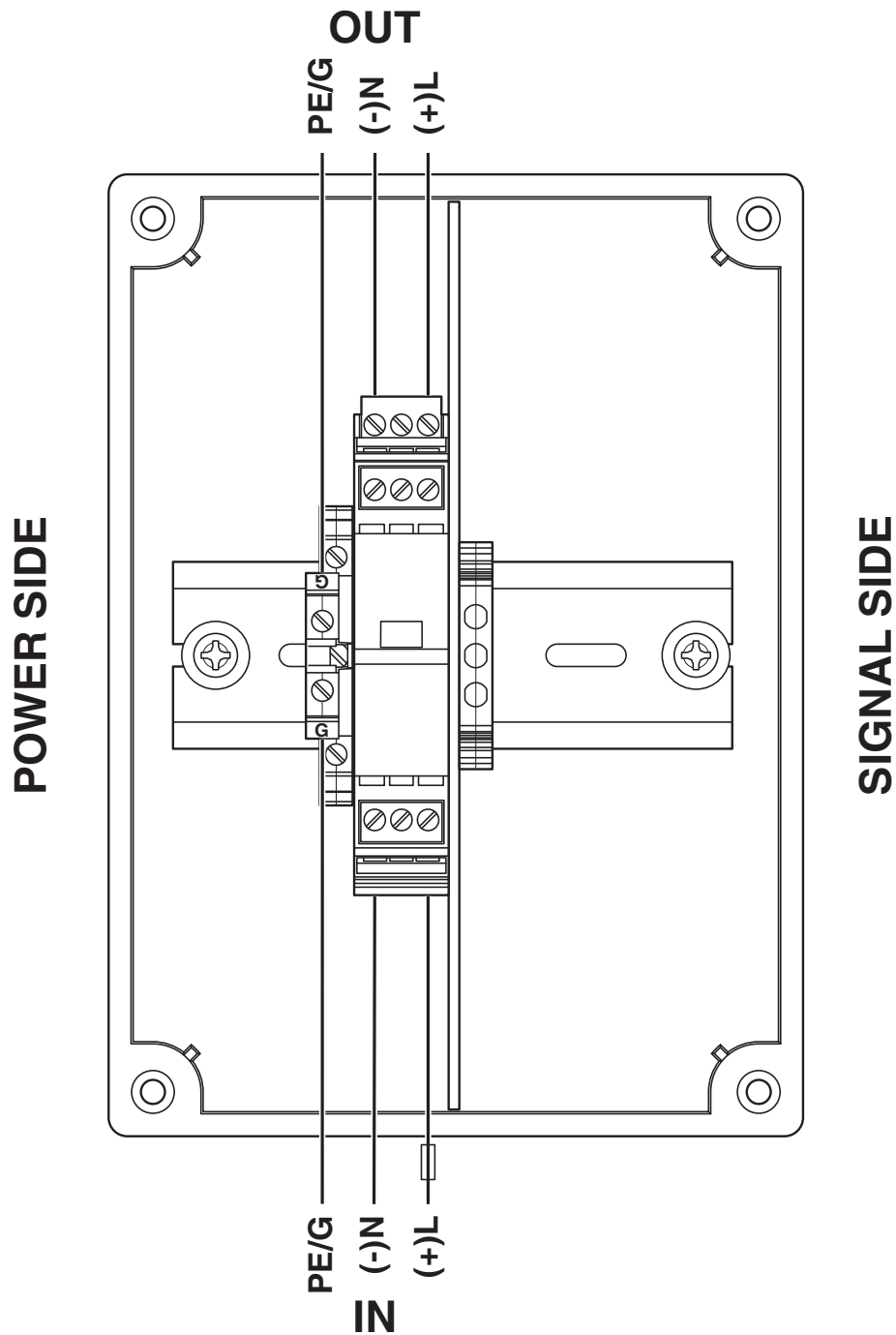
BXT-4XP-SEC-T3-24-FM - Surge protection device

2908680

<https://www.phoenixcontact.com/us/products/2908680>



Connection diagram



BXT-4XP-SEC-T3-24-FM - Surge protection device





2908680

<https://www.phoenixcontact.com/us/products/2908680>

Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2908680>

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

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

BXT-4XP-SEC-T3-24-FM - Surge protection device



2908680

<https://www.phoenixcontact.com/us/products/2908680>

Classifications

ECLASS

| | |
|-------------|----------|
| ECLASS-13.0 | 27171203 |
| ECLASS-15.0 | 27171203 |

BXT-4XP-SEC-T3-24-FM - Surge protection device



2908680

<https://www.phoenixcontact.com/us/products/2908680>

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