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

2908680

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

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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

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

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)

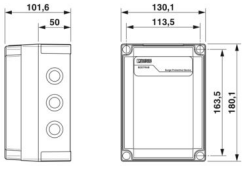
Indicator/remote signaling

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 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	130 mm
Height	180 mm
Depth	120 mm

Material specifications

Housing material	PC

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) µs	4 kA (Power)

Environmental and real-life conditions

Ambient conditions

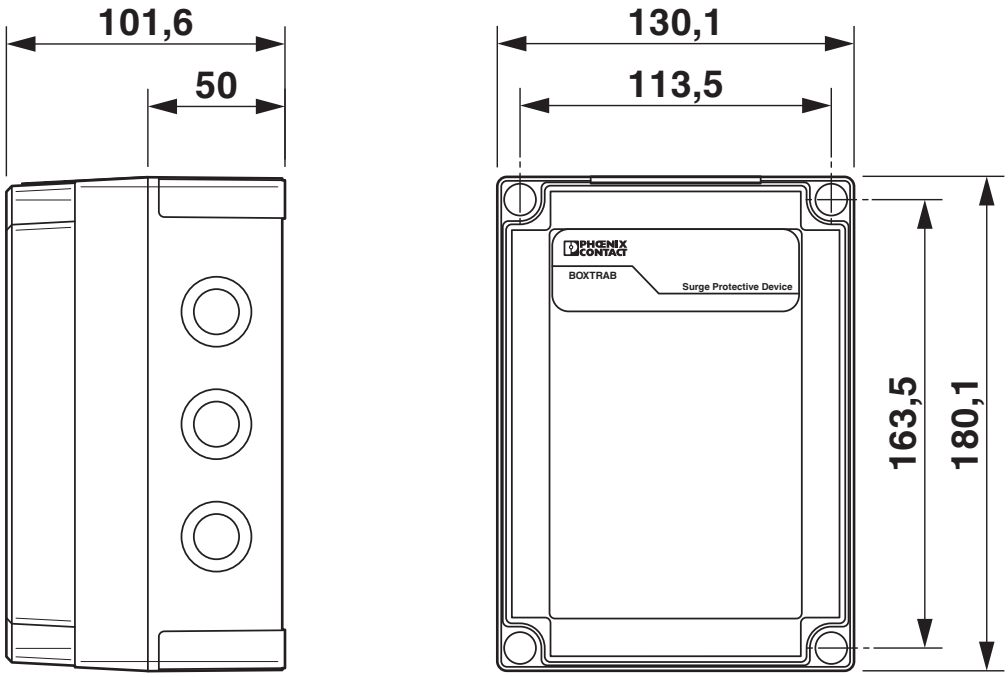
Degree of protection	IP66/NEMA 4X
Ambient temperature (operation)	-40 °C ... 80 °C
Ambient temperature (storage/transport)	-40 °C ... 80 °C
Altitude	≤ 6000 mm (operating voltage remote contact ≤ 150 V)
Permissible humidity (operation)	5 % ... 95 %

Mounting

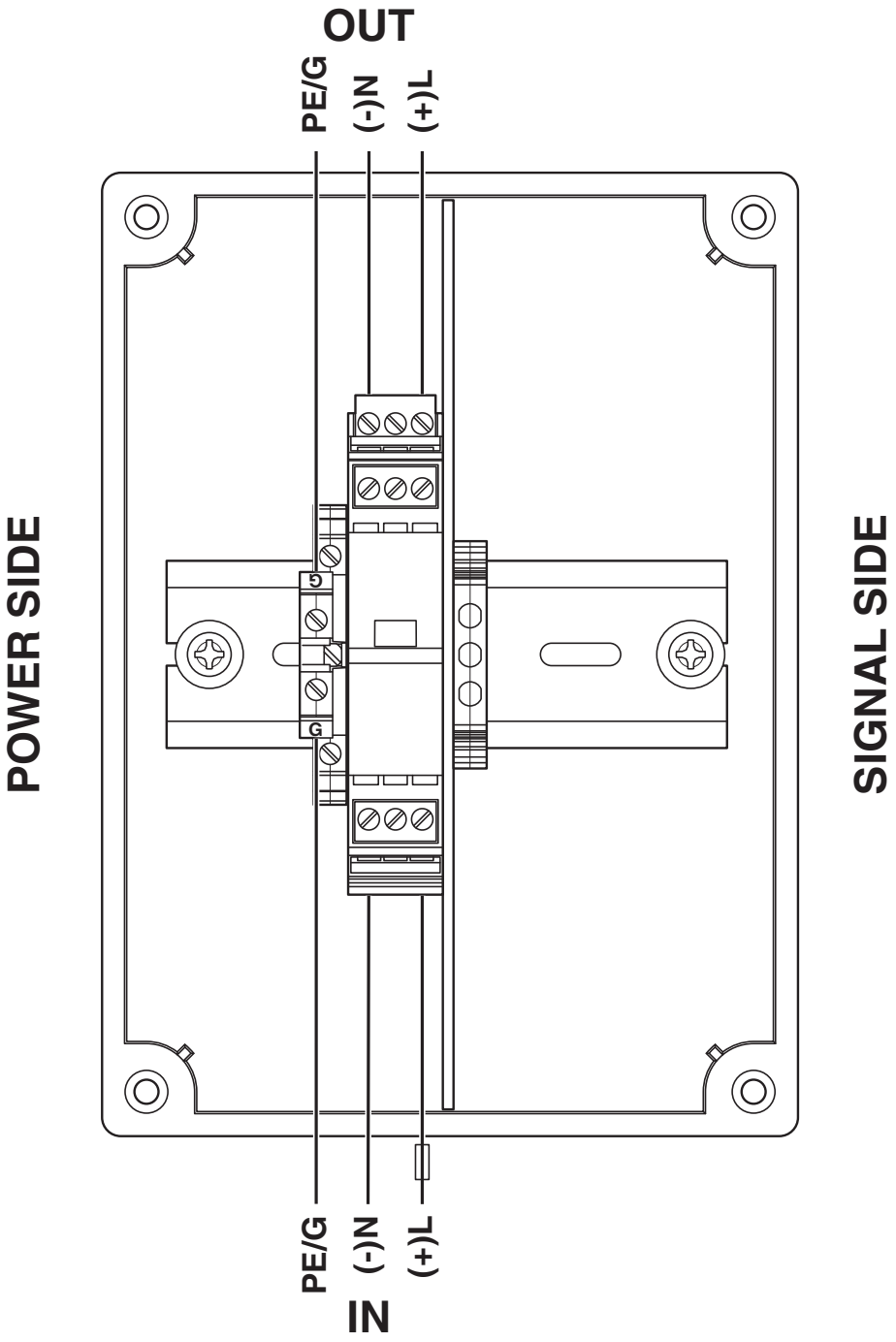
Mounting type	Panel mounting

Drawings

Dimensional drawing



Connection diagram



Approvals

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

UL Listed
Approval ID: FILE E 330181

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Approval ID: FILE E 330181

Classifications

ECLASS

ECLASS-13.0	27171203
ECLASS-15.0	27171203

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%

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