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

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

RoHS

Key Commercial Data

Packing unit	1 pc
GTIN	4 055626 321448
GTIN	4055626321448
Weight per Piece (excluding packing)	640.000 g
Country of origin	Germany

Technical data

Ambient conditions

Ambient temperature (operation)	-40 °C ... 80 °C
Ambient temperature (storage/transport)	-40 °C ... 80 °C
Degree of protection	IP66 / NEMA 4X

General

Housing material	PC (polycarbonate)
Mounting type	Wall mounting
Type	DIN rail module, two-section, divisible

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Technical data

General

Direction of action	L/N-PE & Signal Line-Shield-Earth Ground

Protective circuit, power supply

EN type	T2 / T3
Combination wave U_{OC}	2 kV
Surge protection fault message	optical

Connection (protective circuit, power supply)

Connection method	Screw connection
Screw thread	M3
Stripping length	10 mm

Remote indicator contact (protective circuit, power supply)

Connection name	Remote fault indicator contact
Switching function	Changeover contact
Connection method	Screw connection
Screw thread	M3
Stripping length	10 mm

Protective circuit, 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)

Power supply, general

Connection method IN	Screw connection
Connection method OUT	Screw connection
Screw thread	M3
Tightening torque	0.5 Nm
Stripping length	10 mm
Conductor cross section flexible min.	0.2 mm²
Conductor cross section flexible max.	2.5 mm²
Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	4 mm²
Conductor cross section AWG min.	24
Conductor cross section AWG max.	12

Environmental Product Compliance

REACh SVHC	Lead 7439-92-1

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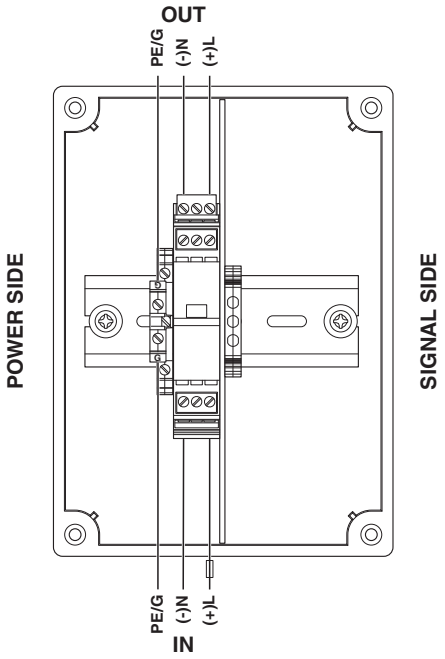
Technical data

Environmental Product Compliance

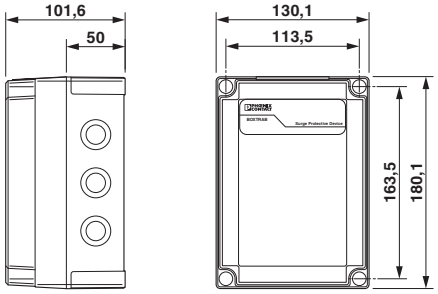
China RoHS	Environmentally Friendly Use Period = 50 years
	For details about hazardous substances go to tab “Downloads”, Category “Manufacturer's declaration”

Drawings

Connection diagram



Dimensional drawing



Articles in set

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

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Classifications

eCl@ss

eCl@ss 10.0.1	27130805
eCl@ss 11.0	27130805
eCl@ss 9.0	27130805

Approvals

Approvals

Approvals

UL Listed / cUL Listed / cULus Listed

Ex Approvals

Approval details

UL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 330181
cUL Listed		http://database.ul.com/cgi-bin/XYV/template/LISEXT/1FRAME/index.htm	FILE E 330181
cULus Listed			

Accessories

Accessories

Full screw connection

Cable gland - G-INS-M16-T68N-PNES-LG - 1424470



Cable gland, cable gland material: PA, external cable diameter 4 mm ... 8 mm, shielding: no, connecting thread: M16 x 1.5, color: lightgrey RAL 7035

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Accessories

Cable gland - G-INS-M20-M68N-PNES-LG - 1424471



Cable gland, cable gland material: PA, external cable diameter 10 mm ... 14 mm, shielding: no, connecting thread: M20 x 1.5, color: lightgrey RAL 7035

Cable gland - G-INS-M25-L68N-PNES-LG - 1424472



Cable gland, cable gland material: PA, external cable diameter 13 mm ... 18 mm, shielding: no, connecting thread: M25 x 1.5, color: lightgrey RAL 7035

Cable gland - G-INS-M32-L68N-PNES-LG - 1424473



Cable gland, cable gland material: PA, external cable diameter 18 mm ... 25 mm, shielding: no, connecting thread: M32 x 1.5, color: lightgrey RAL 7035

Spare parts

Type 3 surge protection plug - PLT-SEC-T3-24-P-UT/PT - 2907920



Replacement plug for type 3 surge protection from the PLT-SEC-…-UT/PT product series. Nominal voltage 24 V.

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