

Surge protection device - BXT-N4X 4-WIRE - 5603514

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Wall-mount, NEMA 4X enclosure with four conductor protection for a 2-core floating signal circuit and 120 V AC powered transmitters.

Key commercial data

Packing unit	1 PCE
Minimum order quantity	10 PCE
GTIN	 4 046356 410472
Custom tariff number	85363030
Country of origin	GERMANY

Technical data

Note:

Trade restriction	The products are offered exclusively for export outside the EU and the European Economic Area.
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Dimensions

Height	90 mm
Width	160 mm

Ambient conditions

Ambient temperature (operation)	-40 °C ... 85 °C
Degree of protection	IP66 / NEMA 4X

General

Mounting type	Wall mounting
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Protective circuit, information technology

Nominal voltage U_N	120 V AC (Power)
	24 V AC (Signal)
Max. operating voltage U_{max}	150 V AC (Power)

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Technical data

Protective circuit, information technology

	28 V DC (Signal)
Nominal current I_N	20 A (Power)
	450 mA (Signal)
Max. discharge surge current I_{max} (8/20) μ s maximum (Core-Core)	10 kA
Max. discharge surge current I_{max} (8/20) μ s maximum (Core-Earth)	10 kA
Resistance in series	2.2 Ω

Power supply, general

Connection type IN	Screw connection
Connection type OUT	Screw connection
Conductor cross section stranded min.	0.2 mm ²
Conductor cross section stranded max.	2.5 mm ²
Conductor cross section solid min.	0.2 mm ²
Conductor cross section solid max.	4 mm ²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12

Standards (protective circuit, information technology)

Standards/regulations	IEEE C62.36
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Articles in set

Type 3 surge protection device - PT 2-PE/S-120AC/FM - 2856812



Pluggable type 3 arrester (device protection) for single-phase power supply networks with separate N and PE (3-conductor system: L1, N, PE) with remote indication contact.

Surge protection connector - PT 1X2-24DC-ST - 2856032



PT protective connector with protective circuit for a 2-wire floating signal circuit. HART-compatible.

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Articles in set

Surge protection base element - PT 1X2-BE - 2856113



Base element for protective plug PT with protective circuit for a 2-core floating signal circuit. Mounting on NS 35/7.5 und NS 35/15, housing width: 17.5 mm.

Classifications

eCl@ss

eCl@ss 4.1	27130801
eCl@ss 5.0	27130801
eCl@ss 5.1	27130801
eCl@ss 6.0	27130807

ETIM

ETIM 4.0	EC000943
ETIM 5.0	EC000943

UNSPSC

UNSPSC 6.01	30212010
UNSPSC 7.0901	39121610
UNSPSC 11	39121610
UNSPSC 12.01	39121610
UNSPSC 13.2	39121620

Drawings

Circuit diagram

