Chipsmall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

Contact us

PHŒNIX CONTACT

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.

General

Ambient temperature (operation)	-40 °C ... 85 °C
Mounting type	Wall mounting
Degree of protection	IP66 / NEMA 4X
Width	160 mm
Height	90 mm

Protective circuit, information technology

Nominal voltage U_N	120 V AC (Power)
Nominal voltage U_N	24 V AC (Signal)
Max. operating voltage U_{max}	150 V AC (Power)
Max. operating voltage U_{max}	28 V DC (Signal)
Nominal current I_N	20 A (Power)
Nominal current I_N	450 mA (Signal)

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Technical data

Protective circuit, information technology

Max. discharge surge current Imax (8/20) µs maximum (Core-Core)	10 kA
Max. discharge surge current Imax (8/20) µs 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 mm²
Conductor cross section stranded max.	2.5 mm²
Conductor cross section solid min.	0.2 mm²
Conductor cross section solid max.	4 mm²
Conductor cross section AWG/kcmil min.	24
Conductor cross section AWG/kcmil max	12

Standards (protective circuit, information technology)

Standards/regulations	IEEE C62.36

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

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

ETIM

ETIM 4.0	EC000943
ETIM 5.0	EC000943

UNSPSC

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

eCl@ss

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

Drawings

Circuit diagram