

INDUSTRIAL COMPONENT DATA

BLT-T2-320-UT 2906100 PHOENIX CONTACT Type 2 surge arrester

Brand: PHOENIX CONTACT | Manufacturer Part Number: BLT-T2-320-UT



Manufacturer	PHOENIX CONTACT
MPN / Reference	BLT-T2-320-UT
Catalog number	2906100
Category	Surge protection device for power supply systems
Minimum order	10 Pcs
Document ID	EO-F8AC65A55E
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Product Overview

Type 2 surge arrester

Type 2 surge arrester for universal mounting on lights and cable connection boxes. Special for insulation protection class II with optical defect indication. Installation in branch or pass-through wiring. Construction: 230 V AC

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path	PHOENIX CONTACT > Trabtech (TT)
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Additional Product Information

Key Commercial Data

Orderkey 2906100

Packing unit 10 pc

Minimum order quantity 10 pc

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GTIN 4055626058078

Weight per Piece (excluding packing) 39.000 g

Custom tariff number 85363030

Country of origin CN (China)

Dimensions

Height 56 mm

Width 36.5 mm

Depth 34 mm

Ambient conditions

Degree of protection IP20

Ambient temperature (operation) -40 °C ... 80 °C

Ambient temperature (storage/transport) -40 °C ... 80 °C

Altitude $\leq$ 2000 m (amsl (above mean sea level))

Permissible humidity (operation) 5 % ... 95 %

General

IEC test classification II / III

T2 / T3

EN type T2 / T3

IEC power supply system TT

TN-C

IT

Mode of protection L-N

Mounting type 4 mm screw

Color light grey RAL 7035

Housing material PA 6.6

Degree of pollution 2

Flammability rating according to UL 94 V-0

Protection class II

Type Installation module

Surge protection fault message optical

Protective circuit

Nominal voltage UN 100 V AC ... 277 V AC

Nominal frequency fN 50 Hz (60 Hz)

Maximum continuous voltage UC 320 V AC

Rated load current IL 16 A

Nominal discharge current $I_n(8/20)$ μ s 5 kA

Maximum discharge current $I_{max}(8/20)$ μ s 10 kA

Combination wave UOC 10 kV

Short-circuit current rating ISCCR 3 kA

Voltage protection level Up $\leq$ 1.3 kV

Residual voltage Ures $\leq$ 1.3 kV (at In)

$\leq$ 1.3 kV (at UOC)

TOV behavior at UT 400 V AC (5 s / withstand mode)

528 V AC (120 min / safe failure mode)

Response time tA $\leq$ 25 ns

Max. backup fuse with V-type through wiring 16 A (MCB B/C)

Max. backup fuse with branch wi...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / BLT-T2-320-UT with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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