INDUSTRIAL COMPONENT DATA

BT-1S-230AC/O 2800625 PHOENIX CONTACT Type 3 surge protection device

Brand: PHOENIX CONTACT | Manufacturer Part Number: BT-1S-230AC/O



Manufacturer	PHOENIX CONTACT
MPN / Reference	BT-1S-230AC/O
Catalog number	2800625
Category	Surge protection device for terminal equipment
Minimum order	1 Pcs
Document ID	EO-B79E7F3B7B
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Product Overview

Type 3 surge protection device
Type 3 unloader for universal mounting in installation boxes, gutters, recessed installations or directly on the terminal equipment. Circuit with thermal control, optical defect indication. Installation in branch or pass-through wiring. Execution: 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)

Additional Product Information

Key Commercial Data
Orderkey 2800625
Packing unit 1 pc
Note Made to Order (non-returnable)
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GTIN 4046356620437
Weight per Piece (excluding packing) 42.400 g
Custom tariff number 85363030
Country of origin DE (Germany)
Dimensions
Height 43 mm
Width 22.5 mm

Depth 27.4 mm
Ambient conditions
Degree of protection IP20
Ambient temperature (operation) -30 °C ... 75 °C
Ambient temperature (storage/transport) -30 °C ... 75 °C
Altitude <= 2000 m (amsl (above mean sea level))
Permissible humidity (operation) 5 % ... 95 %
General
EN type T3
IEC power supply system TN-S
TT
IT with N conductor
Number of ports One
Mode of protection L-N
L-PE
N-PE
Mounting type Screw mounting
Color jet black RAL 9005
Housing material PA 6.6
Degree of pollution 2
Distance between live and grounded parts 3 mm
Flammability rating according to UL 94 V-0
Type Installation module
Number of positions 2
Surge protection fault message optical
Protective circuit
Nominal voltage UN 230/400 V AC (TN-S)
230/400 V AC (TT - only in use with RCD)
Nominal frequency fN 50 Hz (60 Hz)
Maximum continuous operating voltage UC(L-N) 275 V AC
Maximum continuous operating voltage UC(L-PE) 440 V AC
Maximum continuous operating voltage UC(N-PE) 440 V AC
Rated load current IL 16 A (30 °C)
Residual current IPE <= 3 µA
Nominal discharge current In(8/20) µs 3 kA
Standby power consumption PC <= 400 mVA
Reference test voltage UREF 255 V AC
Max. discharge current Imax(8/20) µs 8 kA
Combination wave UOC 6 kV
Energy...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / BT-1S-230AC/O 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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