INDUSTRIAL COMPONENT DATA

BT-1S-230AC/A 2803409 PHOENIX CONTACT Type 3 surge protection device

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	BT-1S-230AC/A
Catalog number	2803409
Category	Surge protection device for terminal equipment
Minimum order	1 Pcs
Document ID	EO-4E1743C2EE
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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. Temperature-controlled circuit, acoustic defect indication. Installation in branch or pass-through wiring. Workmanship:230 V AC
Type 3 arrester for universal mounting in installation boxes, sill-type trunking, underfloor installations or directly in the termination device. Circuit with thermal monitoring, acoustic fault warning. Installation in branch or through wiring. Design: 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

Technical dataProduct propertiesProduct type Device protection
Product family BLOCKTRAB
IEC power supply system TN-S
TT
IT with N conductor
Type Installation module
Distance between live and grounded parts 3 mm
Number of positions 2
Surge protection fault message Acoustic

Data management status
Article revision 08
Insulation characteristics
Overvoltage category III
Pollution degree 2
IEC test classification III
T3
EN type T3
Number of ports One
Distance between live and grounded parts 3 mm
Connection dataConnection method Spring-cage connection
Conductor cross section flexible 0.2 mm² ... 2.5 mm²
Conductor cross section rigid 0.2 mm² ... 2.5 mm²
Conductor cross section AWG 24 ... 14
DimensionsDimensional drawing
Width 22.5 mm
Height 43 mm
Depth 26.2 mm
Material specificationsColor black (RAL 9005)
Flammability rating according to UL 94 V-0
CTI value of material 600
Insulating material PA 6.6
Housing material PA 6.6
Protective circuitMode of protection L-N
L-PE
N-PE
Direction of action L(N)-PE
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
Standby power consumption PC <= 400 mVA
Reference test voltage UREF 255 V AC
Nominal discharge current In(8/20) µs 3 kA
Maximum discharge current Imax...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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