INDUSTRIAL COMPONENT DATA

C-SAT-BOX 2880561 PHOENIX CONTACT Surge protection device

Brand: PHOENIX CONTACT | Manufacturer Part Number: C-SAT-BOX



Manufacturer	PHOENIX CONTACT
MPN / Reference	C-SAT-BOX
Catalog number	2880561
Category	Surge protection device for data networks/MCR-technology
Minimum order	1 Pcs
Document ID	EO-2738332D31
Generated	2026-11-18

Product Overview

Surge protection device
Surge protection for antenna splitters in satellite installations. IN and OUT via F connectors, 5 channels for signals from satellite installations and terrestrial antennas, grounding on the outside of the housing.

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 2880561
Packing unit 1 pc
Catalog page Page 180 (C-4-2017)
GTIN 4046356048941
Weight per Piece (excluding packing) 228.240 g
Custom tariff number 85363010
Country of origin DE (Germany)
Dimensions
Height 31.5 mm
Width 144.9 mm
Depth 71.5 mm
Ambient conditions

Ambient temperature (operation) -25 °C ... 55 °C
Ambient temperature (storage/transport) -40 °C ... 80 °C
Altitude <= 4000 m (amsl (above mean sea level))
Degree of protection IP40
General
Housing material Zinc die-cast
Color silver
Standards for cearances and creepage distances IEC 60664-1
DIN VDE 0110-1
Overvoltage category II
Degree of pollution 2
Mounting type Screw mounting
Type Housing for surface mounting
Number of positions 5
Direction of action Line-Shield/Earth Ground
Protective circuit
IEC test classification B2
C1
C2
C3
D1
Nominal voltage UN 14 V DC (vertical)
18 V DC (horizontal)
Maximum continuous voltage UC 20 V DC
Rated current 400 mA
Operating effective current ICat UC <= 2 µA (per channel)
Residual current IPE <= 2 µA (per channel)
Nominal discharge current In(8/20) µs (line-shield) 2.5 kA
Total discharge current Itotal(8/20) µs 10 kA
Max. discharge current Imax(8/20) µs maximum (line-shield) 2.5 kA
Nominal pulse current Ian (10/1000) µs (Core-Shield) 100 A
Nominal pulse current Ian (10/700) µs (Core-Shield) 100 A
Output voltage limitation at 1 kV/µs (line-shield) static <= 80 V
Voltage protection level Up(line-shield) <= 500 V (C2 - 4 kV / 2 kA)
<= 120 V (C3 - 100 A)
Response ti...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / C-SAT-BOX 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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