INDUSTRIAL COMPONENT DATA

C-TV-SAT 2856993 PHOENIX CONTACT Attachment plug with surge protection for antenna inputs with F connector

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	C-TV-SAT
Catalog number	2856993
Category	Surge protection device for data networks/MCR-technology
Minimum order	1 Pcs
Document ID	EO-DDE724E7F8
Generated	2026-11-18

Product Overview

Attachment plug with surge protection for antenna inputs with F connector
Adapter with surge protection for antenna inputs with F connector.
Surge-protected adapter for antenna inputs with F connector.

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

Dimensions
Height 44 mm
Width 28 mm
Depth 66 mm
Ambient conditions
Ambient temperature (operation) -25 °C ... 75 °C
Degree of protection IP20
General
Housing material PA
Flammability rating according to UL 94 V0
Color black
Standards for cearances and creepage distances DIN VDE 0110-1
IEC 60664-1

Overvoltage category II
Pollution degree 2
Mounting type Connection-specific intermediate plugging
Type Attachment plug
Number of positions 1
Direction of action Line-Shield/Earth Ground
Protective circuit
IEC test classification C1
C2
C3
D1
Maximum continuous voltage UC 180 V DC
130 V AC
Maximum continuous voltage UC(wire-shield) 180 V DC
Nominal current IN 1.5 A (25 °C)
Operating effective current ICat UC <= 1 µA
Nominal discharge current In(8/20) µs (Core-Shield) 2.5 kA
Total surge current (8/20) µs 2.5 kA
Nominal pulse current Ian (10/1000) µs (Core-Shield) 120 A
Output voltage limitation at 1 kV/µs (Core-Shield) spike <= 600 V
Output voltage limitation at 1 kV/µs (Core-Shield) static <= 600 V
Residual voltage at In(conductor-shield) <= 30 V
Voltage protection level Up(core-shield) <= 700 V (C2 - 4 kV/2 kA)
Response time tA (Core-GND) <= 100 ns
Input attenuation aE, asym. 0.5 dB (<= 2.4 GHz)
Cut-off frequency fg (3 dB), asym. (shield) in 75 Ohm system > 3 GHz
Frequency range 4.7 MHz ... 2.5 GHz
Capacity asymmetrical (shield) typ. 10 pF
Impulse durability (conductor-shield) C2 - 4 kV/2 kA
C3 - 100 A
D1 (500 A)
Alternating current carrying capacity (conductor-shield) 5 A - 1 s
Connection...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / C-TV-SAT 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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