

INDUSTRIAL COMPONENT DATA

CSMA-LAMBDA/4-2.0-BS-SET 2800491 PHOENIX CONTACT

Surge protection device

Brand: PHOENIX CONTACT | Manufacturer Part Number: CSMA-LAMBDA/4-2.0-BS-SET



Manufacturer	PHOENIX CONTACT
MPN / Reference	CSMA-LAMBDA/4-2.0-BS-SET
Catalog number	2800491
Category	Surge protection device for data networks/MCR-technology
Minimum order	1 Pcs
Document ID	EO-59935FC76F
Generated	2026-08-01

Product Overview

Surge protection device

Adapter with Lambda/4 technology as surge protection for coaxial signal interfaces. Connection: SMA male-female connectors

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 2800491

Packing unit 1 pc

Note Made to Order (non-returnable)

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GTIN 4046356556149

Weight per Piece (excluding packing) 300.450 g

Custom tariff number 85366910

Country of origin DE (Germany)

Dimensions

Height 25 mm

Width 46.5 mm

Depth 70 mm

Ambient conditions

Ambient temperature (operation) -40 °C ... 70 °C

Ambient temperature (storage/transport) -40 °C ... 70 °C

Degree of protection IP55

General

Housing material HPb59-1

Color nickel

Mounting type Connection-specific intermediate plugging

Type Attachment plug

Number of positions 2

Direction of action Line-Shield/Earth Ground

Protective circuit

IEC test classification C2

C3

D1

VDE requirement class C2

C3

D1

Rated current 2 A (25 °C)

Nominal discharge current $I_n(8/20) \mu s$ (line-earth) 6 kANominal discharge current $I_n(8/20) \mu s$ (line-shield) 6 kATotal discharge current $I_{total}(8/20) \mu s$ 6 kAMax. discharge current $I_{max}(8/20) \mu s$ 6 kAOutput voltage limitation at 1 kV/ μs (line-earth) static ≤ 1 VOutput voltage limitation at 1 kV/ μs (line-shield) static ≤ 1 VResidual voltage at I_n (line-earth) ≤ 20 VResidual voltage at I_n (line-shield) ≤ 20 VVoltage protection level U_p (line-earth) ≤ 5 V (C1 - 1 kV/500 A) ≤ 25 V (C2 - 10 kV / 5 kA) ≤ 15 V (6 kV / 3 kA)

Input attenuation aE, asym. typ. 1 dB (0.8 GHz ... 2.25 GHz)

Frequency range 0.8 GHz ... 2.25 GHz

Standing wave ratio SWR in a 50 Ω system ≤ 1.2 (0.8 GHz ... 2.25 GHz) ≤ 1.1 (1.7 GHz ... 2.1 GHz)Permissible HF power $P_{maxat}...$ **REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW**

Send PHOENIX CONTACT / CSMA-LAMBDA/4-2.0-BS-SET 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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