INDUSTRIAL COMPONENT DATA

CN-LAMBDA/4-2.25-BB 2801057 PHOENIX CONTACT Attachment plug with Lambda/4 technology as surge protection for..

Brand: PHOENIX CONTACT | Manufacturer Part Number: CN-LAMBDA/4-2.25-BB



Manufacturer	PHOENIX CONTACT
MPN / Reference	CN-LAMBDA/4-2.25-BB
Catalog number	2801057
Category	Surge protection device for data networks/MCR-technology
Minimum order	1 Pcs
Document ID	EO-7354972776
Generated	2026-11-18

Product Overview

Attachment plug with Lambda/4 technology as surge protection for coaxial signal interfaces. Connection: N connectors socket-socket
Adapter with Lambda/4 technology as surge protection for coaxial signal interfaces. Connection: N Female-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)

Additional Product Information

Dimensions
Height 78.7 mm
Width 25 mm
Depth 77.5 mm
Length 77.5 mm
Ambient conditions
Ambient temperature (operation) -40 °C ... 85 °C
Degree of protection IP68
General
Housing material HPb59-1

Color nickel
Standards for cearances and creepage distances IEC 60664-1
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 C2
C3
D1
Nominal current IN 5 A (25 °C)
Nominal discharge current In(8/20) µs 50 kA
Nominal discharge current In(8/20) µs (Core-Earth) 50 kA
Nominal discharge current In(8/20) µs (Core-Shield) 50 kA
Total surge current (8/20) µs 60 kA
Total surge current (10/350) µs 20 kA
Max. discharge current Imax(8/20) µs 60 kA
Max. discharge current Imax(8/20) µs maximum (Core-Earth) 60 kA
Max. discharge current Imax(8/20) µs maximum (Core-Shield) 60 kA
Impulse discharge current (10/350)?µs, peak value limp 20 kA
Output voltage limitation at 1 kV/µs (Core-Earth) spike <= 1 V
Output voltage limitation at 1 kV/µs (Core-Shield) spike <= 1 V
Voltage protection level Up(core-ground) <= 25 V (C2 - 10 kV / 5 kA)
<= 5 V (C1 - 1 kV/500 A)
<= 18 V (6 kV/3 kA)
Voltage protection level Up(core-shield) <= 5 V (C1 - 1 kV/500 A)
<= 25 V (C2 - 10 kV / 5 kA)
<= 18 V (6 kV/3 kA)
Input attenuation aE, asym. typ. 0.1 dB
Frequency range 0.8 GHz ... 2.25 GHz
Standing wave ratio SWR in a 50 ? system typ. 1.2
max. 1.25
Permissible HF power Pmaxat VSWR = xx (50 ohm system) <=....

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send PHOENIX CONTACT / CN-LAMBDA/4-2.25-BB 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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