

INDUSTRIAL COMPONENT DATA

CN-LAMBDA/4-2.25-SB 2801056 PHOENIX CONTACT Surge protection device

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



Manufacturer	PHOENIX CONTACT
MPN / Reference	CN-LAMBDA/4-2.25-SB
Catalog number	2801056
Category	Surge protection device for data networks/MCR-technology
Minimum order	1 Pcs
Document ID	EO-2B79A5EACE
Generated	2026-07-29

Product Overview

Surge protection device

Adapter with Lambda/4 technology as surge protection for coaxial signal interfaces. Connection: N 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)

Additional Product Information

Key Commercial Data

Orderkey 2801056

Packing unit 1 pc

Catalog page Page 178 (C-4-2017)

GTIN 4046356678247

Weight per Piece (excluding packing) 260.000 g

Custom tariff number 85363010

Country of origin CN (China)

Dimensions

Height 77.5 mm

Width 25 mm

Length 81.5 mm

Ambient conditions

Ambient temperature (operation) -40 °C ... 85 °C

Altitude 2000 m
Degree of protection IP68
General
Housing material HPb59-1
Color nickel
Standards for clearances 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
VDE requirement class C2
C3
D1
Nominal current I_N 5 A (25 °C)
Nominal discharge current $I_n(8/20)$ μ s (line-earth) 50 kA
Nominal discharge current $I_n(8/20)$ μ s (line-shield) 50 kA
Total surge current (8/20) μ s 60 kA
Total surge current (10/350) μ s 20 kA
Max. discharge current $I_{max}(8/20)$ μ s maximum (line-earth) 60 kA
Max. discharge current $I_{max}(8/20)$ μ s maximum (line-shield) 60 kA
Impulse discharge current (10/350) μ s, peak value $I_{imp} \leq 20$ kA
Output voltage limitation at 1 kV/ μ s (line-earth) spike ≤ 1 V
Output voltage limitation at 1 kV/ μ s (line-shield) spike ≤ 1 V
Output voltage limitation at 1 kV/ μ s (line-earth) static ≤ 1 V
Voltage protection level U_p (line-earth) ≤ 15 V (6 kV / 3 kA)
 ≤ 5 V (C1 - 1 kV/500 A)
 ≤ 25 V (C2 - 10 kV / 5 kA)
Voltage protection level U_p (line-shield) ≤ 25 V (C2 - 10 kV / 5 kA)
 ≤ 5 V (C1 - ...

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

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

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.