

CN-LAMBDA/4-5.9-SB

Order No.: 2800023



<http://eshop.phoenixcontact.de/phoenix/treeViewClick.do?UID=2800023>

Attachment plug with Lambda/4 technology as surge protection for coaxial signal interfaces. Connection: N connectors male/female connector

Commercial data

EAN	4046356410083
Pack	1 pcs.
Customs tariff	85363010
Weight/Piece	0.1555 KG
Catalog page information	Page 171 (TT-2009)

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Technical data

General

Housing material	Brass (CuZn)
Color	nickel
Total surge current (8/20) μ s	60 kA
Total surge current (10/350) μ s	20 kA
Ambient temperature (operation)	-40 °C ... 90 °C
Mounting type	Connection-specific intermediate plugging
Design	Attachment plug
Degree of protection	IP68
Direction of action	Line-Shield/Earth Ground

Width	26.10 mm
Height	65.00 mm
Length	38.00 mm
Protective circuit	
IEC category	C2
	C3
	D1
VDE requirement class	C2
	C3
	D1
Nominal current I_N	5 A (25°C)
Nominal discharge surge current I_n (8/20) μ s (Core-Earth)	50 kA
Nominal discharge surge current I_n (8/20) μ s (Core-Shield)	50 kA
Total surge current (8/20) μ s	60 kA
Max. discharge surge current I_{max} (8/20) μ s maximum (Core-Earth)	60 kA
Max. discharge surge current I_{max} (8/20) μ s maximum (Core-Shield)	60 kA
Lightning test current (10/350) μ s, peak value I_{imp}	≤ 20 kA
Output voltage limitation at 1 kV/ μ s (Core-Earth) spike	≤ 11 V (6 kV/3 kA)
Output voltage limitation at 1 kV/ μ s (Core-Shield) spike	≤ 11 V
Output voltage limitation at 1 kV/ μ s (Core-Earth) static	≤ 11 V
Output voltage limitation at 1 kV/ μ s (Core-Shield) static	≤ 11 V
Protection level U_p (Core-Earth)	≤ 11 V (6 kV/3 kA)
Protection level U_p (Core-Shield)	≤ 11 V (6 kV/3 kA)
Input attenuation aE, asym.	Typ. 0.05 dB (≤ 0.15 dB)
Frequency range	2.4 GHz ... 5.9 GHz
Standing wave ratio SWR in a 50 Ω system	Typ. 1.1 (≤ 1.20 (2.4 GHz...5.9 GHz))
Permissible HF power $P_{max.}$ at SWR=xx (50 Ohm system)	≤ 500 W
	≤ 4 kW (peak)

Surge carrying capacity in acc. with IEC 61643-21 (Core-Earth)	C2 (10 kV/5 kA)
	D1 (2.5 kA)
Surge carrying capacity in acc. with IEC 61643-21 (Core-Shield)	C2 (10 kV/5 kA)
	D1 (2,5 kA)

Connection data

Type of connection	N-Connector
Connection type IN	N connector, male
Connection type OUT	N connector, female

Connection, protective circuit

Standards/regulations	IEC 61643-21
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Certificates / Approvals



Certification GOST

Accessories

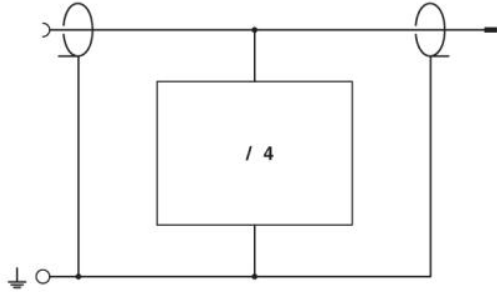
Item	Designation	Description
Assembly		
2818135	CN-UB/MP	Tongue for attaching the CN-UB..., to housing panels, for example.
2803137	CN-UB/MP-90DEG-50	Angled bracket for individually fixing CN-UB... to housing panels, for example.

Additional products

Item	Designation	Description
Assembly		
2818135	CN-UB/MP	Tongue for attaching the CN-UB..., to housing panels, for example.

Drawings

Circuit diagram



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