

Surge protection device - CN-LAMBDA/4-5.9-BB - 2838490

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

Product Features

- ✓ High HF power in the kW range
- ✓ Outdoor surge protection
- ✓ As an adapter between devices and cables
- ✓ Maintenance-free surge protection with LAMBDA/4 technology
- ✓ Low protection level

Key commercial data

package_quantity	1
GTIN	4046356285629

Technical data

Dimensions

Height	38 mm
Width	26.1 mm
Depth	60 mm

Ambient conditions

Ambient temperature (operation)	-40 °C ... 90 °C
Degree of protection	IP68

General

Housing material	Brass (CuZn)
Color	nickel
Mounting type	Connection-specific intermediate plugging
Design	Attachment plug
Number of positions	1
Direction of action	Line-Shield/Earth Ground

Protective circuit

IEC test classification	C2
IEC test classification	C3
IEC test classification	D1

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Technical data

Protective circuit

VDE requirement class	C2
VDE requirement class	C3
VDE requirement class	D1
Nominal current I_N	5 A (25 °C)
Nominal discharge current I_n (8/20) μ s (Core-Earth)	50 kA
Nominal discharge current I_n (8/20) μ s (Core-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 (Core-Earth)	60 kA
Max. discharge current I_{max} (8/20) μ s maximum (Core-Shield)	60 kA
Impulse discharge 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 (6 kV/3 kA)
Output voltage limitation at 1 kV/ μ s (Core-Earth) static	≤ 11 V (6 kV/3 kA)
Output voltage limitation at 1 kV/ μ s (Core-Shield) static	≤ 11 V (6 kV/3 kA)
Voltage protection level U_p (Core-Earth)	≤ 11 V (6 kV/3 kA)
Voltage 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
Permissible HF power P_{max} at SWR=xx (50 Ohm system)	≤ 4 kW (peak)
Surge carrying capacity in acc. with IEC 61643-21 (Core-Earth)	C2 (10 kV/5 kA)
Surge carrying capacity in acc. with IEC 61643-21 (Core-Earth)	D1 (2.5 kA)
Surge carrying capacity in acc. with IEC 61643-21 (Core-Shield)	C2 (10 kV/5 kA)
Surge carrying capacity in acc. with IEC 61643-21 (Core-Shield)	D1 (2.5 kA)

Connection data

Connection method	N Connector
Connection type IN	N connector, female
Connection type OUT	N connector, female

Standards and Regulations

Standards/regulations	IEC 61643-21
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classifications

eCl@ss

eCl@ss 4.0	27140201
eCl@ss 4.1	27130801
eCl@ss 5.0	27130801

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classifications

eCl@ss

eCl@ss 5.1	27130801
eCl@ss 6.0	27130807
eCl@ss 7.0	27130807
eCl@ss 8.0	27130807

ETIM

ETIM 2.0	EC000943
ETIM 3.0	EC000943
ETIM 4.0	EC000943
ETIM 5.0	EC000943

UNSPSC

UNSPSC 6.01	30212010
UNSPSC 7.0901	39121610
UNSPSC 11	39121610
UNSPSC 12.01	39121610
UNSPSC 13.2	39121620

approvals

GOST /

Approval details

 GOST
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accessories

Assembly adapter

CN-UB/MP - 2818135



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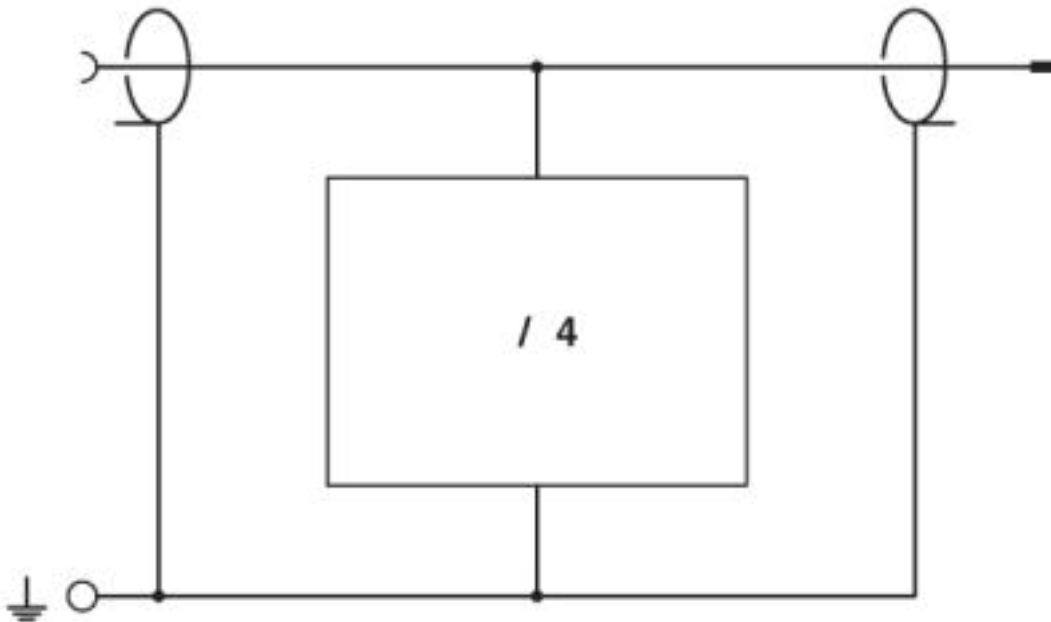
accessories

CN-UB/MP-90DEG-50 - 2803137



Drawings

Circuit diagram



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