Surge protection device - C7/16-LAMBDA/4-2.0-BB-SET - 2839059

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Attachment plug with Lambda/4 technology as surge protection for coaxial signal interfaces. Connection: N connectors on 7/16 socket-socket

The illustration shows a combination of versions C7/16-LAMBDA/- 4-2.0-BS-SET, -4-2.0-BB-SET and CN-LAMBDA/4-2.0-BB

Product Features

- Low protection level
- Maintenance-free surge protection with LAMBDA/4 technology
- High HF power in the kW range

Key commercial data

Packing unit	1 PCE
Weight per Piece (excluding packing)	345.6 GRM
Custom tariff number	85363010
Country of origin	Germany

Technical data

Dimensions

Height	29 mm
Width	48 mm
Depth	147 mm

Ambient conditions

Ambient temperature (operation)	-40 °C ... 100 °C
Degree of protection	IP55

General

Housing material	Nickel-plated brass

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Technical data

General

Color	nickel
Mounting type	Connection-specific intermediate plugging
Design	Attachment plug
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) µs (Core-Earth)	20 kA
Nominal discharge current I_n (8/20) µs (Core-Shield)	20 kA
Total surge current (8/20) µs	20 kA
Output voltage limitation at 1 kV/µs (Core-Earth) spike	≤ 10 V
Output voltage limitation at 1 kV/µs (Core-Shield) spike	≤ 10 V
Output voltage limitation at 1 kV/µs (Core-Earth) static	≤ 10 V
Output voltage limitation at 1 kV/µs (Core-Shield) static	≤ 10 V
Residual voltage at I_n, (conductor-ground)	≤ 20 V
Residual voltage at In, (conductor-shield)	≤ 20 V
Voltage protection level U_P (Core-Earth)	≤ 20 V
Input attenuation aE, asym.	0.3 dB (1.7 GHz ... 2.3 GHz)
Frequency range	1.7 GHz ... 2.3 GHz
Standing wave ratio SWR in a 50 Ω system	≤ 1.25 (1.7 GHz ... 2.3 GHz)
Permissible HF power $P_{max.}$ at SWR=xx (50 Ohm system)	≤ 400 W (VSWR = 1.2)
	≤ 500 W (VSWR = 1.0)
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

Connection method	7/16 connector
Connection type IN	7/16 connector, female
Connection type OUT	7/16 connector, female

Standards and Regulations

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Technical data

Standards and Regulations

Standards/regulations	IEC 61643-21

Classifications

eCl@ss

eCl@ss 4.0	27140201
eCl@ss 4.1	27130801
eCl@ss 5.0	27130801
eCl@ss 5.1	27130801
eCl@ss 6.0	27130807
eCl@ss 7.0	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

Approvals

Approvals

GOST

Ex Approvals

Approvals submitted

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Approvals

Approval details

GOST

Accessories

Accessories

Assembly adapter

Mounting plate - CN-UB/MP - 2818135

Tongue for attaching the CN-UB..., to housing panels, for example.

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

Angled bracket for individually fixing CN-UB... to housing panels, for example.

Additional products

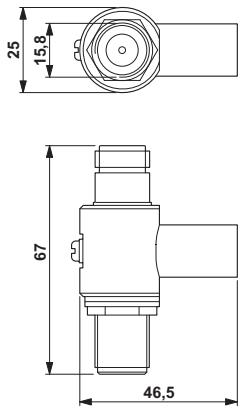
Mounting plate - CN-UB/MP - 2818135

Tongue for attaching the CN-UB..., to housing panels, for example.

Drawings

Surge protection device - C7/16-LAMBDA/4-2.0-BB-SET - 2839059

Dimensioned drawing



Circuit diagram