

Surge protection device - CSMA-LAMBDA/4-2.0-BS-SET - 2800491

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Attachment plug with Lambda/4 technology as surge protection for coaxial signal interfaces. Connection: Male/female SMA connectors.



Key Commercial Data

Packing unit	1 STK
GTIN	
GTIN	4046356556149
Weight per Piece (excluding packing)	300.450 g
Custom tariff number	85366910
Country of origin	Germany
Note	Made to Order (non-returnable)

Technical data

Dimensions

Height	25 mm
	25 mm
Width	46.5 mm
Depth	70 mm

Ambient conditions

Ambient temperature (operation)	-40 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 70 °C
Degree of protection	IP55

General

Housing material	HPb59-1
Color	nickel
Mounting type	Connection-specific intermediate plugging
Design	Attachment plug

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Technical data

General

Number of positions	2
Direction of action	Line-Shield/Earth Ground

Protective circuit

IEC test classification	C2
	C3
	D1
VDE requirement class	C2
	C3
	D1
Rated current	2 A (25 °C)
Nominal discharge current I_n (8/20) μ s (core-earth)	6 kA
Nominal discharge current I_n (8/20) μ s (Core-Shield)	6 kA
Total discharge current I_{total} (8/20) μ s	6 kA
Max. discharge current I_{max} (8/20) μ s	6 kA
Output voltage limitation at 1 kV/ μ s (core-earth) static	≤ 1 V
Output voltage limitation at 1 kV/ μ s (Core-Shield) static	≤ 1 V
Residual voltage at I_n (conductor-ground)	≤ 20 V
Residual voltage at I_n (conductor-shield)	≤ 20 V
Voltage protection level U_p (core-ground)	≤ 5 V (C1 - 1 kV/500 A)
	≤ 25 V (C2 - 10 kV / 5 kA)
	≤ 15 V (6 kV / 3 kA)
Input attenuation aE, asym.	typ. 1 dB (0.8 GHz ... 2.25 GHz)
Frequency range	0.8 GHz ... 2.25 GHz
Standing wave ratio SWR in a 50 Ω system	≤ 1.2 (0.8 GHz ... 2.25 GHz)
	≤ 1.1 (1.7 GHz ... 2.1 GHz)
Permissible HF power P_{max} at VSWR = xx (50 ohm system)	≤ 110 W (VSWR = 1.0)
Surge protection fault message	None
Impulse durability (conductor-ground)	C2 - 10 kV/5 kA
	D1 - 1 kA
Impulse durability (conductor-shield)	C2 - 10 kV/5 kA
	D1 - 1 kA

Connection data

Connection method	SMA connector
Connection method IN	SMA connector, female connector
Connection method OUT	SMA connector, male connector

Standards and Regulations

Standards/regulations	IEC 61643-21
Standards/specifications	IEC 61643-21/A1 2008

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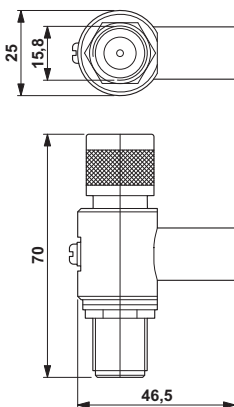
Technical data

Standards and Regulations

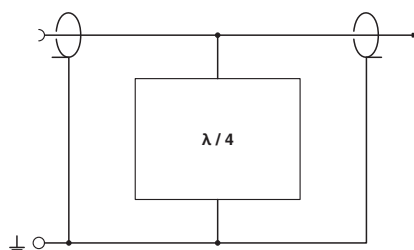
	EN 61643-21/A1 2009
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Drawings

Dimensional drawing



Circuit diagram



Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

EAC		EAC-Zulassung
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Accessories

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Assembly adapter

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Accessories

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.
