

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 pc
GTIN	 4 046356 556149
GTIN	4046356556149

Technical data

Dimensions

Height	25 mm
Width	84.8 mm
Depth	81.5 mm

Ambient conditions

Ambient temperature (operation)	-40 °C ... 70 °C
Ambient temperature (storage/transport)	-40 °C ... 70 °C
Altitude	≤ 2000 m (amsl (above mean sea level))
Degree of protection	IP55

General

Housing material	HPb59-1
Color	nickel
Mounting type	Connection-specific intermediate plugging
Type	Attachment plug
Number of positions	2
Direction of action	Line-Shield/Earth Ground

Protective circuit

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Technical data

Protective circuit

IEC test classification	C2
	C3
	D1
Rated current	2 A (25 °C)
Nominal discharge current I_n (8/20) μ s (line-earth)	6 kA
Nominal discharge current I_n (8/20) μ s (line-shield)	6 kA
Pulse discharge current I_{imp} (10/350) μ s (line-shield)	1 kA
Total discharge current I_{total} (8/20) μ s	6 kA
Output voltage limitation at 1 kV/ μ s (line-earth) static	≤ 1 V
Output voltage limitation at 1 kV/ μ s (line-shield) static	≤ 1 V
Voltage protection level U_p (line-earth)	≤ 5 V (C1 - 1 kV/500 A)
	≤ 25 V (C2 - 10 kV / 5 kA)
	≤ 15 V (6 kV / 3 kA)
Input attenuation aE, asym.	≤ 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 / 40 °C)
	≤ 60 W (VSWR = 1,0 / 70 °C)
Surge protection fault message	none
Impulse durability (line-earth)	C2 - 10 kV / 5 kA
	D1 - 1 kA
Impulse durability (line-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/specifications	IEC 61643-21 2000 + A1:2008, modified
	EN 61643-21 2001 + A1:2009

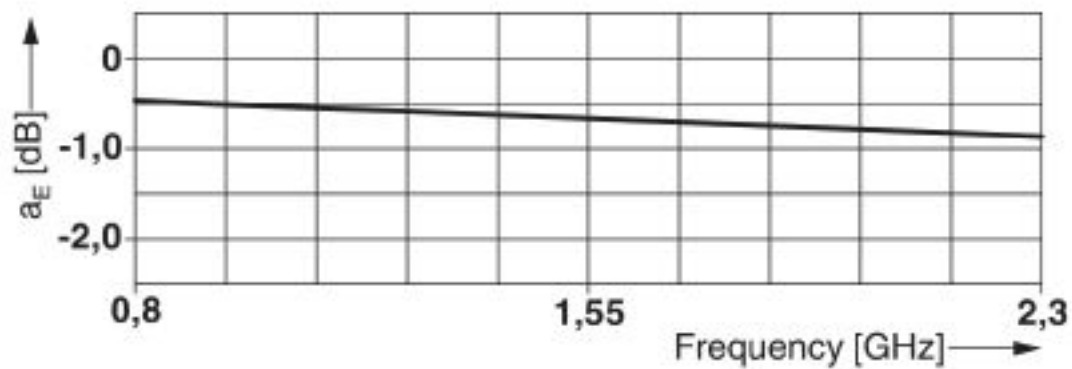
Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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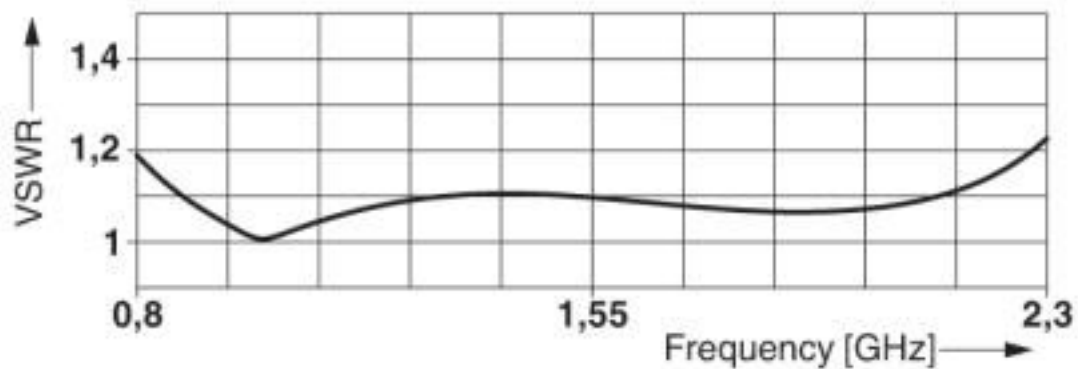
Drawings

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Diagram

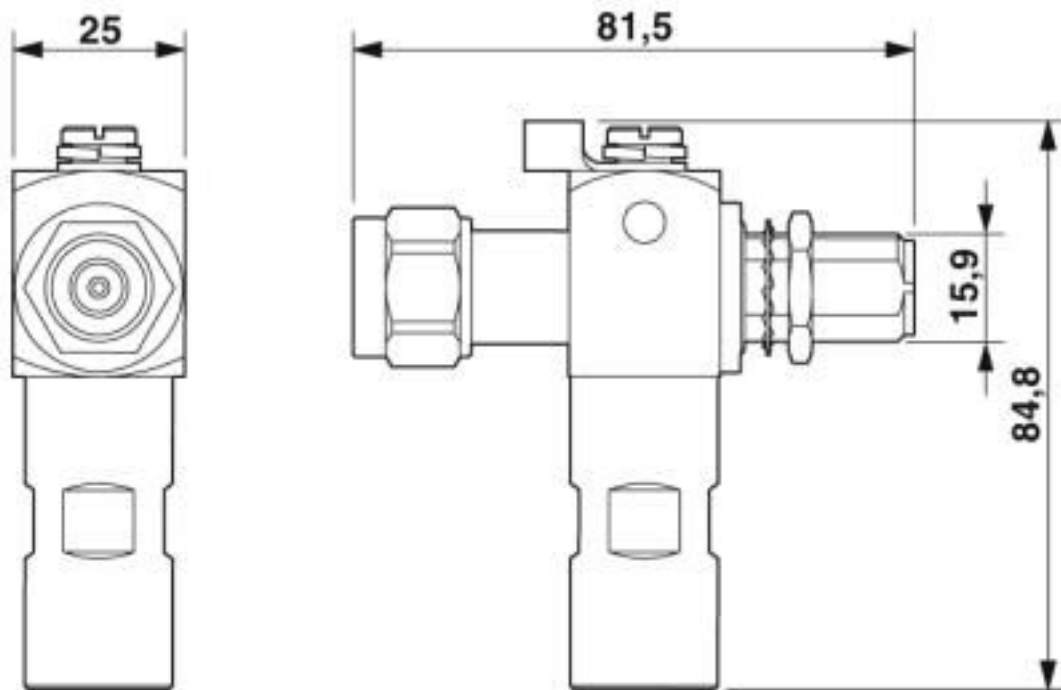


Diagram

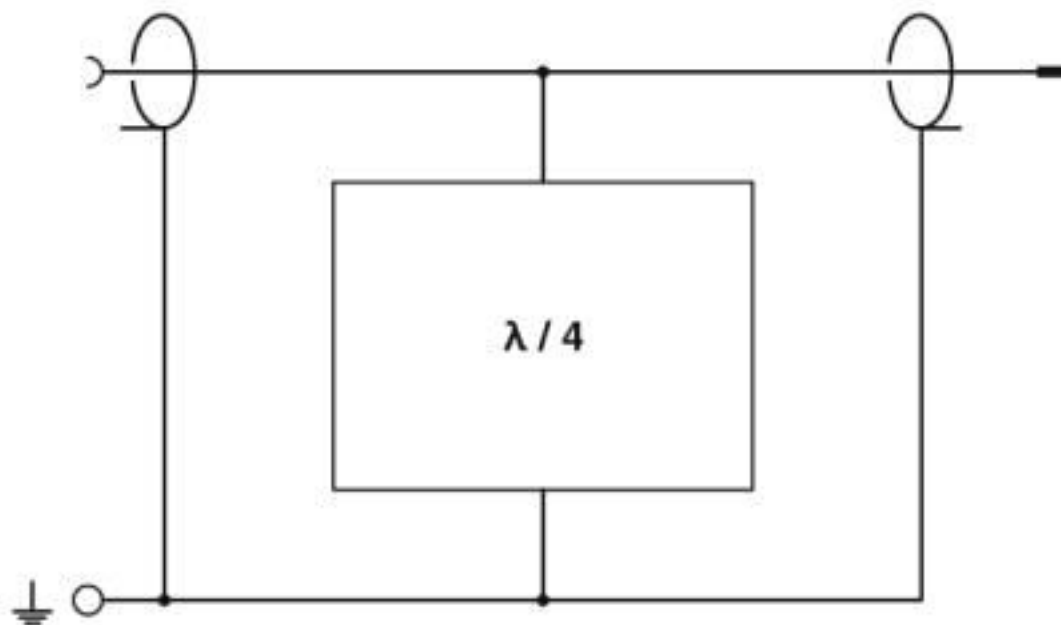


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Dimensional drawing



Circuit diagram



Classifications

eCl@ss

eCl@ss 10.0.1

27130807

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Classifications

eCl@ss

eCl@ss 4.0	27130800
eCl@ss 4.1	27130800
eCl@ss 5.0	27130800
eCl@ss 5.1	27130800
eCl@ss 6.0	27130800
eCl@ss 7.0	27130807
eCl@ss 8.0	27130807
eCl@ss 9.0	27130807

ETIM

ETIM 2.0	EC000943
ETIM 3.0	EC000943
ETIM 4.0	EC000943
ETIM 5.0	EC000943
ETIM 6.0	EC000943
ETIM 7.0	EC000943

UNSPSC

UNSPSC 6.01	30212010
UNSPSC 7.0901	39121610
UNSPSC 11	39121610
UNSPSC 12.01	39121610
UNSPSC 13.2	39121620
UNSPSC 18.0	39121620
UNSPSC 19.0	39121620
UNSPSC 20.0	39121620
UNSPSC 21.0	39121620

Approvals

Approvals

Approvals

EAC

Ex Approvals

Approval details

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Approvals

EAC



EAC-Zulassung

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.

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