

**Lightning and surge protection, COAX
BNC Connector / M-F**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 16
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**COAX surge protection**

- Sturdy metal housing
- Easy to use thanks to the adapter plug
- Low insertion attenuation
- BNC, N, F and UHF connectors

General ordering data

Type	BNC Connector / M-F
Order No.	8947820000
Version	Lightning and surge protection, COAX, Surge protection, Adapter plug, 3.5 GHz
GTIN (EAN)	4032248736911
Qty.	1 pc(s).

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Technical data
Dimensions and weights

Length	64 mm	Length (inches)	2.52 inch
Width	26 mm	Width (inches)	1.024 inch
Net weight	92 g		

Temperatures

Operating temperature, max.	80 °C	Operating temperature, min.	-40 °C
Operating temperature	-40 °C...80 °C	Storage temperature	

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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General data

Design	straight	Protection degree	IP65
Suitable for	BNC plug	Version	Adapter plug

Rated data IEC / EN

Characteristic impedance	50 Ω	Discharge current, max. (8/20 μs)	20 kA
Frequency range, max.	3.5 GHz	Frequency range, min.	0 GHz
Insertion loss	< 0.2 dB	Lightning test current I_{imp} (10/350 μs)	5 kA
Max. continuous voltage, U_c (DC)	90 V ± 20 %	Operating current, I_{max}	10 A
Protection level U_p (typ.)	< 700 V	Rated current I_N	100 mA
Rated voltage (AC)	90 V	Rated voltage (DC)	60 V
Rated voltage (DC), max.	60 V	Requirements category acc. to IEC 61643-21	D1, C3, C2, C1
Response time	≤ 100 ns	Return loss (attenuation)	> 20 dB
Standing wave ratio, VSWR	< 1.2	Suitable for	BNC plug
Transmission capacity, max.	25 W	Voltage type	AC

Connection data

Type of connection	Plug / socket
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Classifications

ETIM 3.0	EC000943	ETIM 4.0	EC000761
ETIM 5.0	EC000761	ETIM 6.0	EC000943
UNSPSC	30-21-18-01	eClass 5.1	27-14-11-27
eClass 6.2	27-14-11-37	eClass 7.1	27-14-02-01
eClass 8.1	27-14-02-01	eClass 9.0	27-13-08-07
eClass 9.1	27-13-08-07		

Approvals

Approvals



ROHS Conform

Data sheet**Lightning and surge protection, COAX
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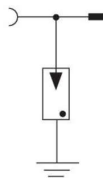
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Technical data**Downloads**

Approval/Certificate/Document of Conformity	CE PAPER Declaration of Conformity
Brochure/Catalogue	CAT 4.4 ELECTR 16/17 EN
User Documentation	Instruction sheet

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Drawings**Electric symbol**

Circuit diagram

Dimensioned drawing