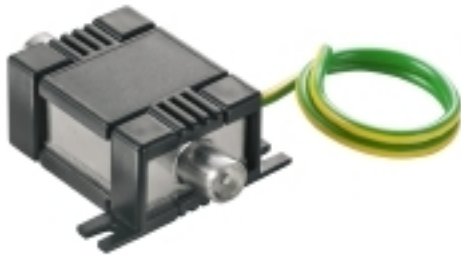


**Lightning and surge protection, COAX
UHF CONNECTOR / M-F**

Weidmüller Interface GmbH & Co. KG
Klingenbergstraße 26
D-32758 Detmold
Germany
Fon: +49 5231 14-0
Fax: +49 5231 14-292083
www.weidmueller.com

**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

Delivery status	This article will no longer be available in the future.
Available until	2020-06-10
Type	UHF CONNECTOR / M-F
Order No.	8947850000
Version	Lightning and surge protection, COAX, Surge protection, Adapter plug, 1 GHz
GTIN (EAN)	4032248736942
Qty.	1 pc(s).

Creation date May 1, 2020 4:49:27 AM CEST

Catalogue status 17.04.2020 / We reserve the right to make technical changes.

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Technical data**Dimensions and weights**

Width	43 mm	Width (inches)	1.693 inch
Height	73.4 mm	Height (inches)	2.89 inch
Depth	24 mm	Depth (inches)	0.945 inch
Net weight	49 g		

Temperatures

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

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1
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General data

Design	straight	Protection degree	IP65
Version	Adapter plug		

Rated data IEC / EN

Rated voltage (AC)	180 V	Rated voltage (DC)	60 V
Rated voltage (DC), max.	60 V	Voltage type	AC
Max. continuous voltage, U_c (AC)	200 V	Discharge current, max. (8/20 μ s)	20 kA
Discharge current, I_{imp} (10/350 μ s)	2.5 kA	Frequency range, max.	1 GHz
Frequency range, min.	0 GHz	Protection level U_p (typ.)	< 600 V
Characteristic impedance	75 Ω	Insertion loss	< 0.5 dB
Operating current, I_{max}	4 A	Rated current I_N	100 mA
Requirements category acc. to IEC 61643-21	C3, C2, D1	Response time	< 1 ns
Return loss (attenuation)	> 20 dB	Surge current-carrying capacity C2	5 kA 8/20 μ s
Surge current-carrying capacity C3	100 A 10/1000 μ s	Surge current-carrying capacity D1	2.5 kA 10/350 μ s
Transmission capacity, max.	0.5 W		

Connection data

Type of connection	Plug / socket
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Classifications

ETIM 6.0	EC000943	ETIM 7.0	EC000943
eClass 9.0	27-13-08-07	eClass 9.1	27-13-08-07
eClass 10.0	27-13-08-07	UNSPSC	30-21-18-01

Approvals

Approvals



ROHS Conform

**Lightning and surge protection, COAX
UHF CONNECTOR / M-F**

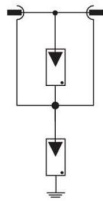
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Technical data**Downloads**

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