


Surge protection device - RF-TRAB - 2782135

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Attachment plug with replaceable surge protection for coaxial signal interfaces, transmission capacity ≤ 200 W.
Connection: UHF female/female.



Key commercial data

Packing unit	1 pc
GTIN	 4 017918 069377
Weight per Piece (excluding packing)	79.89 GRM
Custom tariff number	85363010
Country of origin	Germany

Technical data

Dimensions

Height	40 mm
Width	60.5 mm
Length	18.1 mm

Ambient conditions

Ambient temperature (operation)	-40 °C ... -90 °C
Degree of protection	IP20

General

Housing material	Nickel-plated brass
Color	silver
Mounting type	Connection-specific intermediate plugging
Type	Attachment plug
Direction of action	Line-Shield/Earth Ground

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Technical data

Protective circuit

IEC test classification	C2
	C3
	D1
Maximum continuous operating voltage U_C	130 V AC
Maximum continuous voltage U_C (wire-ground)	130 V AC
Maximum continuous voltage U_C (wire-shield)	130 V AC
Nominal current I_N	10 A (25 °C)
Operating effective current I_C at U_C	$\leq 1 \mu A$
Residual current I_{PE}	$\leq 1 \mu A$
Nominal discharge current I_n (8/20) μs (Core-Earth)	10 kA
Nominal discharge current I_n (8/20) μs (Core-Shield)	10 kA
Total surge current (8/20) μs	10 kA
Output voltage limitation at 1 kV/ μs (Core-Earth) spike	$\leq 600 V$
Output voltage limitation at 1 kV/ μs (Core-Shield) spike	$\leq 600 V$
Output voltage limitation at 1 kV/ μs (Core-Earth) static	$\leq 600 V$
Output voltage limitation at 1 kV/ μs (Core-Shield) static	$\leq 600 V$
Voltage protection level U_P (Core-Earth)	$\leq 600 V$
Voltage protection level U_P (Core-Shield)	$\leq 600 V$
Response time t_A (Core-Earth)	$\leq 100 ns$
Response time t_A (Core-GND)	$\leq 100 ns$
Input attenuation a_E , asym.	0.3 dB ($\leq 250 MHz$)
Cut-off frequency f_g (3 dB), asym. (shield) in 50 Ohm system	typ. 950 MHz
Standing wave ratio SWR in a 50 Ω system	≤ 1.2 ($\leq 80 MHz$)
Permissible HF power P_{max} at VSWR = xx (50 ohm system)	300 W (VSWR = 1.1)
	80 W (VSWR = ∞)
Surge carrying capacity in acc. with IEC 61643-21 (Core-Earth)	C2 - 10 kV / 5 kA
	D1 - 2,5 kA

Connection data

Connection method	UHF connector
Connection type IN	UHF connector, female
Connection type OUT	UHF connector, female

Connection, equipotential bonding

Connection method	Screw terminal block
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Standards and Regulations

Standards/regulations	IEC 61643-21
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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
eCl@ss 8.0	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

Approval details

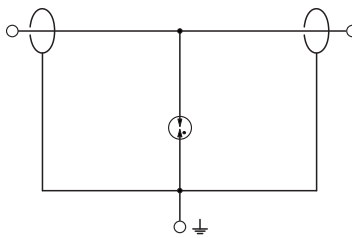
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Approvals



Drawings

Circuit diagram



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Diagram

