


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 | $\leq 1 \mu\text{A}$ |
| Residual current I_{PE} | $\leq 1 \mu\text{A}$ |
| 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 | $\leq 600 \text{ V}$ |
| Output voltage limitation at 1 kV/ μs (Core-Shield) spike | $\leq 600 \text{ V}$ |
| Output voltage limitation at 1 kV/ μs (Core-Earth) static | $\leq 600 \text{ V}$ |
| Output voltage limitation at 1 kV/ μs (Core-Shield) static | $\leq 600 \text{ V}$ |
| Voltage protection level U_P (Core-Earth) | $\leq 600 \text{ V}$ |
| Voltage protection level U_P (Core-Shield) | $\leq 600 \text{ V}$ |
| Response time t_A (Core-Earth) | $\leq 100 \text{ ns}$ |
| Response time t_A (Core-GND) | $\leq 100 \text{ ns}$ |
| Input attenuation a_E , asym. | 0.3 dB ($\leq 250 \text{ MHz}$) |
| 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 ($\leq 80 \text{ MHz}$) |
| 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 |
|-------------------|----------------------|

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

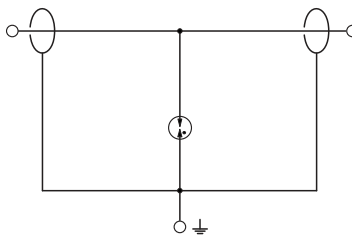
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Approvals



Drawings

Circuit diagram



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Diagram

