

Surge protection device - CN-LAMBDA/4-2.2-BB - 2800024

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Attachment plug with Lambda/4 technology as surge protection for coaxial signal interfaces. Connection: N connectors socket-socket

Your advantages

- ✓ Maintenance-free surge protection with LAMBDA/4 technology
- ✓ Low protection level
- ✓ High HF power in the kW range

Key Commercial Data

| | |
|--------------|---|
| Packing unit | 1 pc |
| GTIN |  4 046356 367967 |
| GTIN | 4046356367967 |

Technical data

Dimensions

| | |
|--------|---------|
| Height | 66 mm |
| Width | 26.1 mm |
| Depth | 83 mm |

Ambient conditions

| | |
|---------------------------------|------------------|
| Ambient temperature (operation) | -40 °C ... 90 °C |
| Degree of protection | IP68 |

General

| | |
|---------------------|---|
| Housing material | Brass (CuZn) |
| Color | nickel |
| 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 |
| VDE requirement class | C2 |
| | C3 |
| | D1 |
| Nominal current I_N | 5 A (25 °C) |
| Nominal discharge current I_n (8/20) μ s (line-earth) | 50 kA |
| Nominal discharge current I_n (8/20) μ s (line-shield) | 50 kA |
| Total surge current (8/20) μ s | 60 kA |
| Total surge current (10/350) μ s | 20 kA |
| Max. discharge current I_{max} (8/20) μ s maximum (line-earth) | 60 kA |
| Max. discharge current I_{max} (8/20) μ s maximum (line-shield) | 60 kA |
| Impulse discharge current (10/350) μ s, peak value I_{imp} | ≤ 20 kA |
| Output voltage limitation at 1 kV/ μ s (line-earth) spike | ≤ 12 V (6 kV / 3 kA) |
| Output voltage limitation at 1 kV/ μ s (line-shield) spike | ≤ 12 V (6 kV / 3 kA) |
| Output voltage limitation at 1 kV/ μ s (line-earth) static | ≤ 12 V (6 kV / 3 kA) |
| Output voltage limitation at 1 kV/ μ s (line-shield) static | ≤ 12 V (6 kV / 3 kA) |
| Voltage protection level U_p (line-earth) | ≤ 12 V (6 kV / 3 kA) |
| Voltage protection level U_p (line-shield) | ≤ 12 V (6 kV / 3 kA) |
| Input attenuation aE, asym. | typ. 0.05 dB (≤ 0.15 dB) |
| Frequency range | 0.82 GHz ... 2.2 GHz |
| Standing wave ratio SWR in a 50 Ω system | typ. 1.1 (≤ 1.20 (0.82 GHz...2.2 GHz)) |
| Permissible HF power P_{max} at VSWR = xx (50 ohm system) | ≤ 500 W |
| | ≤ 4 kW (peak) |
| Surge protection fault message | none |
| Impulse durability (line-earth) | C2 - 10 kV / 5 kA |
| | D1 - 2.5 kA |
| Impulse durability (line-shield) | C2 - 10 kV/5 kA |
| | D1 - 2.5 kA |

Connection data

| | |
|-----------------------|---------------------|
| Connection method | N Connector |
| Connection method IN | N connector, female |
| Connection method OUT | N connector, female |

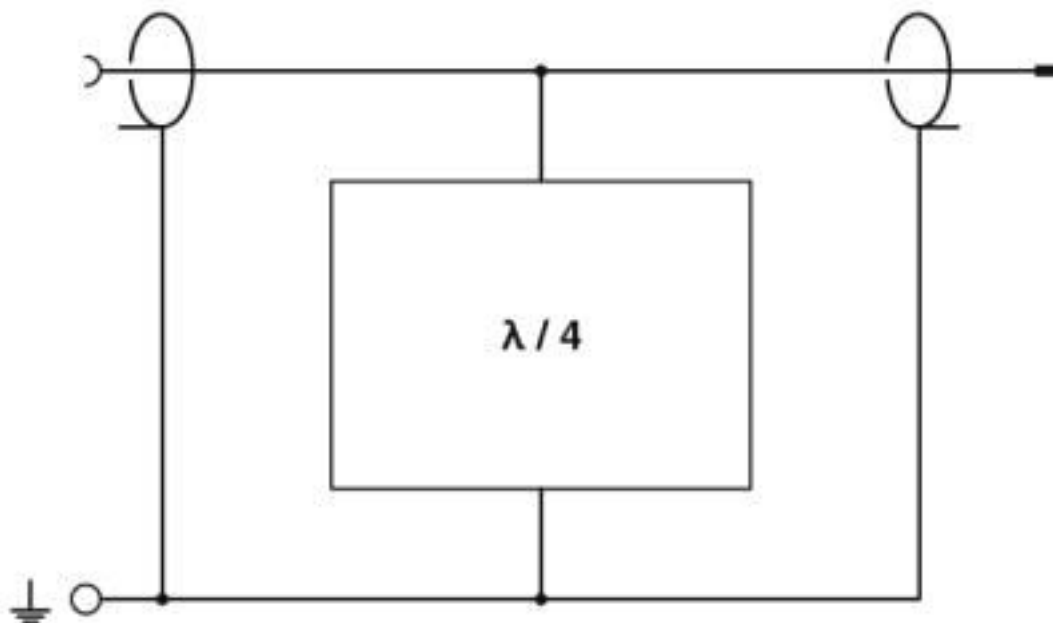
Standards and Regulations

| | |
|--------------------------|-------------------|
| Standards/regulations | IEC 61643-21 |
| Standards/specifications | IEC 61643-21 2005 |

Drawings

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Circuit diagram



Classifications

eCl@ss

| | |
|------------|----------|
| eCl@ss 4.0 | 27140201 |
| eCl@ss 4.1 | 27130801 |
| eCl@ss 5.0 | 27130801 |
| 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 |

UNSPSC

| | |
|---------------|----------|
| UNSPSC 6.01 | 30212010 |
| UNSPSC 7.0901 | 39121610 |
| UNSPSC 11 | 39121610 |
| UNSPSC 12.01 | 39121610 |
| UNSPSC 13.2 | 39121620 |

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Classifications

UNSPSC

| | |
|-------------|----------|
| UNSPSC 19.0 | 39121620 |
|-------------|----------|

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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