

Surge protection device - CN-LAMBDA/4-5.9-BB - 2838490

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

Why buy this product

- ✓ High HF power in the kW range
- ✓ Outdoor surge protection
- ✓ As an adapter between devices and cables
- ✓ Maintenance-free surge protection with LAMBDA/4 technology
- ✓ Low protection level

RoHS

Key Commercial Data

| | |
|--------------------------------------|---|
| Packing unit | 1 STK |
| GTIN |  4 046356 285629 |
| GTIN | 4046356285629 |
| Weight per Piece (excluding packing) | 140.190 g |
| Custom tariff number | 85363010 |
| Country of origin | United States |

Technical data

Dimensions

| | |
|--------|---------|
| Height | 38 mm |
| | 38 mm |
| Width | 26.1 mm |
| Depth | 60 mm |

Ambient conditions

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

General

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Technical data

General

| | |
|---------------------|---|
| Housing material | Brass (CuZn) |
| Color | nickel |
| Mounting type | Connection-specific intermediate plugging |
| Design | Attachment plug |
| Number of positions | 1 |
| Direction of action | Line-Shield/Earth Ground |

Protective circuit

| | |
|---|---|
| IEC test classification | C2 |
| | C3 |
| | D1 |
| VDE requirement class | C2 |
| | C3 |
| | D1 |
| Rated current | 5 A (25 °C) |
| Nominal discharge current I_n (8/20) μ s (core-earth) | 50 kA |
| Nominal discharge current I_n (8/20) μ s (Core-Shield) | 50 kA |
| Pulse discharge current I_{imp} (10/350) μ s (core-ground) | ≤ 20 kA |
| Total discharge current I_{total} (8/20) μ s | 60 kA |
| Total discharge current I_{total} (10/350) μ s | 20 kA |
| Max. discharge current I_{max} (8/20) μ s maximum (Core-Earth) | 60 kA |
| Max. discharge current I_{max} (8/20) μ s maximum (Core-Shield) | 60 kA |
| Output voltage limitation at 1 kV/ μ s (core-earth) spike | ≤ 11 V (6 kV / 3 kA) |
| Output voltage limitation at 1 kV/ μ s (Core-Shield) spike | ≤ 11 V (6 kV / 3 kA) |
| Output voltage limitation at 1 kV/ μ s (core-earth) static | ≤ 11 V (6 kV / 3 kA) |
| Output voltage limitation at 1 kV/ μ s (Core-Shield) static | ≤ 11 V (6 kV / 3 kA) |
| Voltage protection level U_p (core-ground) | ≤ 11 V (6 kV / 3 kA) |
| Voltage protection level U_p (core-shield) | ≤ 11 V (6 kV / 3 kA) |
| Input attenuation aE, asym. | typ. 0.05 dB (≤ 0.15 dB) |
| Frequency range | 2.4 GHz ... 5.9 GHz |
| Standing wave ratio SWR in a 50 Ω system | typ. 1.1 (≤ 1.20 (2.4 GHz...5.9 GHz)) |
| Permissible HF power P_{max} at VSWR = xx (50 ohm system) | ≤ 500 W |
| | ≤ 4 kW (peak) |
| Surge protection fault message | None |
| Impulse durability (conductor-ground) | C2 - 10 kV/5 kA |
| | D1 - 2.5 kA |
| Impulse durability (conductor-shield) | C2 - 10 kV/5 kA |
| | D1 - 2.5 kA |

Connection data

| | |
|-------------------|-------------|
| Connection method | N Connector |
|-------------------|-------------|

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Connection data

| | |
|-----------------------|---------------------|
| 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 |

Environmental Product Compliance

| | |
|------------|---|
| China RoHS | Environmentally Friendly Use Period = 50 |
| | For details about hazardous substances go to tab "Downloads", Category "Manufacturer's declaration" |

Drawings



Approvals


Approvals

Approvals

EAC / EAC

Ex Approvals

Approval details

| | | |
|-----|---|-------------------------|
| EAC |  | RU C- DE.A*30.B01561 |
|-----|---|-------------------------|

| | | |
|-----|---|---------------|
| EAC |  | EAC-Zulassung |
|-----|---|---------------|

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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.