

HUBER+SUHNER® DATA SHEET

Lightning Protector: 3402.41.0023L

Rev.: I



Description

Gas Capsule Lightning Protector up to 2.5 GHz

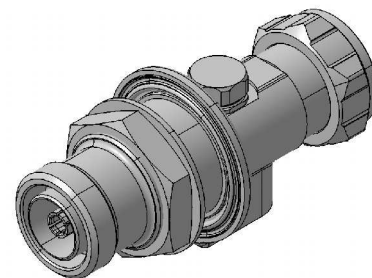
Benefits

Broad-band operation

DC continuity for outdoor powering

The protector can also be installed reversely

With capsule 9071.99.0547, 230 V



Product Configuration

Main path connectors

Port 1: unprotected, 7/16 plug (male) - Port 2: protected, 7/16 jack (female)

Mounting and grounding

MH101/M8 (MH=bulkhead mounting/M=screw)

Side of bulkhead

protected side

Technical Data

Electrical Data

Impedance

50 Ω

Frequency range

0 to 2000 MHz

0 to 1000 MHz

Return loss

≥ 23 dB

≥ 26.44 dB

Insertion loss

≤ 0.2 dB

≤ 0.2 dB

RF CW power

≤ 150 W

PIM 3rd order

not specified

Surge current handling capability

30 single / 20 multiple kA (test pulse 8/20 μ s)

Residual pulse energy

350 μ J typically (test pulse 4 kV 1.2/50 μ s / 2 kA 8/20 μ s) Main path - protected side

Mechanical Data

Weight

450 g

Environmental Data

Operating temperature

-40 °C to +85 °C

Waterproof degree

IP 67 (according to IEC 60529, data refer to the coupled state)

2002/95/EC (RoHS)

compliant

Material Data

Piece Parts

Housing

Material

Brass

Surface Plating

SUCOPLATE (R) Plating

Port 1 center contact

Brass

Silver Plating

Port 2 center contact

Copper Beryllium Alloy

Silver Plating

Related Documents

Outline drawing

DOU-00004117.1

Mounting instruction

DOC-0000176104

Remarks

Customer number

408108314

- With (replaceable) surge arrester capsule 73Z-0-0-47. (230V)
- Bulkhead mounting (D-hole MH101)
- Return Loss typical 25 dB up to 2 GHz.

HUBER+SUHNER is certified according to ISO 9001 and ISO 14001

WAIVER!

It is exclusively in written agreements that we provide our customers with warrants and representations as to the technical contained specifications and/or the fitness for any particular purpose. The facts and figures herein are carefully compiled to the best of our knowledge, but they are intended for general informational purposes only.



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