

HUBER+SUHNER® DATA SHEET

Lightning Protector: 3400.17.0230

Rev.: H

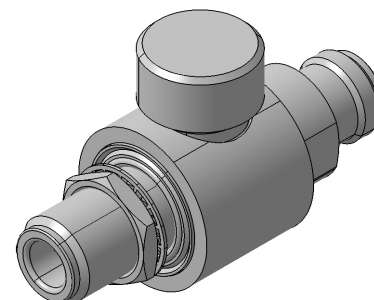


Description

Quarter-Wave Lightning Protector

Benefits

The protector can also be installed reversely



Product Configuration

Main path connectors N jack (female) - N jack (female) (Unprotected side - protected side)
Mounting and grounding MH50 (MH=bulkhead mounting)

Technical Data

Electrical Data

Impedance 50 Ω
Frequency range 824 to 1990 MHz
Return loss ≥ 20 dB
Insertion loss ≤ 0.15 dB
RF CW power ≤ 400 W
PIM 3rd order -150 dBc max.
Surge current handling capability 50 multiple kA (test pulse 4 kV 1.2/50 μ s / 2 kA 8/20 μ s)
Residual pulse energy 5 μ J typically (test pulse 4 kV 1.2/50 μ s / 2 kA 8/20 μ s)

Environmental Data

Operating temperature -40 °C to +85 °C
Waterproof degree IP 66 (according to IEC 60529, data refer to the coupled state)
2002/95/EC (RoHS) compliant

Material Data

Piece Parts

Body	Brass
Male contact	Brass
Female contact	Copper Beryllium Alloy
Dielectric	PTFE
Gasket	MVQ (Silicone Rubber)

Surface Plating

SUCOPLATE (R) Plating
Gold Plating (without Nickel underplating)
Gold Plating (without Nickel underplating)

Related Documents

Outline drawing DOU-00003316.1
Mounting instruction DOC-0000176104

Remarks

Surge-current-handling capability: 50 kA (8 / 20 μ s test pulse), 25 kA (10 / 350 μ s test pulse) Residual pulse energy: typ. 5 μ J (test pulse 4 kV / 2 kA, 8 / 20 μ s, IEC 6100-4-5)

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.



HUBER+SUHNER AG
RF Protection
9100 Herisau, Switzerland
Phone +41 (0)71 353 41 11
Fax +41 (0)71 353 47 51
www.hubersuhner.com

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