HUBER+SUHNER® DATA SHEET
Lightning Protector: 3401.17.K

Rev.: I

Description

Gas Capsule Lightning Protector up to 1.0 GHz

Benefits
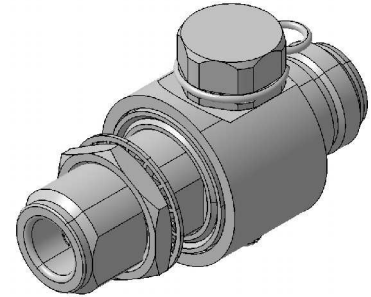
DC continuity for outdoor powering
The protector can also be installed reversely
Capsule holder with chain
Delivered without gas capsule
Data refer to capsule 9071.99.0547, 230 V

Product Configuration

Main path connectors	N jack (female) - N jack (female) (Unprotected side - protected side)
Mounting and grounding	MH12 (MH=bulkhead mounting)

Technical Data

Electrical Data

Impedance	50 Ω
Frequency range	0 to 1000 MHz
Return loss	$\geq$ 26.4 dB
Insertion loss	$\leq$ 0.1 dB
RF CW power	$\leq$ 150 W
PIM 3rd order	not specified
Surge current handling capability	30 single / 20 multiple kA (test pulse 4 kV 1.2/50 μs / 2 kA 8/20 μs)
Residual pulse energy	350 μJ typically (test pulse 4 kV 1.2/50 μs / 2 kA 8/20 μs)

Mechanical Data

Weight	95 g

Environmental Data

Operating temperature	-40 °C to +85 °C
Waterproof degree	IP 65 (according to IEC 60529, data refer to the coupled state)
2002/95/EC (RoHS)	compliant

Material Data

Piece Parts	Material	Surface Plating
Body	Brass	SUCOPLATE (R) Plating
Female contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Dielectric	PTFE	
Gasket	MVQ (Silicone Rubber)	

Related Documents

Outline drawing	DOU-00003945.1
Mounting instruction	DOC-0000176104

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