

# HUBER+SUHNER® DATA SHEET

## Lightning Protector: 3401.17.K

Rev.: I



### Description

Gas Capsule Lightning Protector up to 1.0 GHz

### Benefits

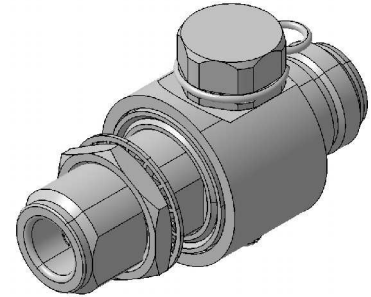
DC continuity for outdoor powering

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 $\Omega$
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 3 <sup>rd</sup> order	not specified
Surge current handling capability	30 single / 20 multiple kA (test pulse 4 kV 1.2/50 $\mu$ s / 2 kA 8/20 $\mu$ s)
Residual pulse energy	350 $\mu$ J typically (test pulse 4 kV 1.2/50 $\mu$ s / 2 kA 8/20 $\mu$ s)

#### Mechanical Data

Weight	95 g
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#### 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

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](http://www.hubersuhner.com)

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