

HUBER+SUHNER® DATA SHEET

EMP Protector: 3402.41.0023L

Rev.: I



Description

GDT technology up to 2.5 GHz

Benefits

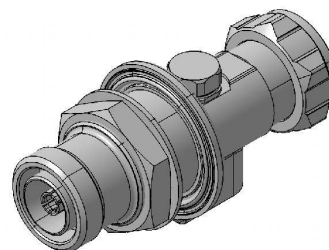
Broad-band operation

DC continuity for outdoor powering

The protector can also be installed reversely

Replaceable GDT 9071.99.0547 (230 V) included

Compliant to IEC 61643-21



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 3 rd 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	Material	Surface Plating
Housing	Brass	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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