Data Sheet

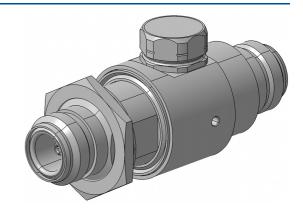
EMP Protector 3402.17.0072-EX

Description

GDT technology up to 2.5 GHz

Benefits

Self-extinguishing Semper functionality Broad-band design DC continuity for remote powering The protector can also be installed reversely Replaceable GDT unit 9071.99.0647, (230 V) included Compliant to IEC 61643-21



Product Configuration

Main path connectors	Port 1: <u>unprotected</u> , N jack (female) - Port 2: <u>protected</u> , N jack (female)
Mounting and grounding	MH25 (bulkhead mounting), brk (bracket)
Side of bulkhead	protected side

Technical Data

Electrical Data

Electrical Data		
Impedance	50 Ω	
Frequency range	0 - 2500 MHz	
Return loss	≥ 20 dB	
Insertion loss	≤ 0.2 dB	
RF CW power	≤ 150 W	
PIM 3rd order	not specified	
DC supply voltage	≤ 48 V	
DC current	≤ 2.5 A	
Surge current handling capability	30 single / 20 multiple kA (test pulse 8/20 µs)	
Residual pulse energy 350 µJ typically (test pulse 4 kV 1.2/50 µs / 2 kA 8/20 µs) main path - protecte		
Turn-off time	20 s typically at 2.0 A and 25 °C ambient temperature	
	< 40 s typically below 1 A and 25 °C ambient temperature	
Recovery time	7 s at 25 °C ambient temperature	
Mechanical Data		
Number of matings	500	
Weight	126 g	
Environmental Data		
Operating temperature	-40 °C to +85 °C (Lightning protection functionality)	
	-20 °C to +85 °C (SEMPER TM functionality)	
Waterproof degree	IP65 (according to IEC 60529, data refer to the coupled state)	
2011/65/EU (RoHS - including	compliant acc. Annex III	

Material Data

2015/863 and 2017/2102)

Piece Parts	Material	Surface Plating
Housing	Brass	SUCOPLATE (R) Plating
Port 1 center contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)
Port 2 center contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)

Related Documents

Outline drawing Mounting instruction DOU-00070744.1 DOC-0000176104

HUBER+SUHNER is certified according to ISO 9001, ISO 14001, AS/EN9100, ISO/TS 16949 and IRIS.

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