Data Sheet

EMP Protector 3401.17.A

HUBER+SUHNER

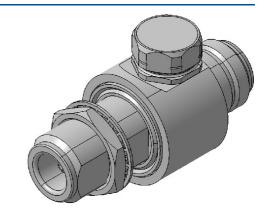
Description

GDT technology up to 1.0 GHz

Benefits

Broad-band design

DC continuity for remote powering The protector can also be installed reversely Delivered without gas discharge tube Data refer to GDT 9071.99.0547, 230 V



Product Configuration

Compliant to IEC 61643-21

Port 1: unprotected, N jack (female) - Port 2: protected, N jack (female) Main path connectors

Mounting and grounding MH12 (bulkhead mounting), brk (bracket) Side of bulkhead

protected side

Technical Data

Electrical Data

Impedance 50 Ω 0 - 1000 MHz Frequency range ≥ 26.44 dB Return loss ≤ 0.1 dB Insertion loss RF CW power ≤ 150 W PIM 3rd order not specified

30 single / 20 multiple kA (test pulse 8/20 µs) Surge current handling capability

Residual pulse energy $350~\mu J$ typically (test pulse 4 kV 1.2/50 μs / 2 kA 8/20 $\mu s)$ main path - protected side

Mechanical Data

Number of matings 500 Weight 110 g

Environmental Data

-40 °C to +85 °C Operating temperature

IP65 (according to IEC 60529, data refer to the coupled state) Waterproof degree

2011/65/EU (RoHS) compliant

Material Data

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 DOU-00003942.1 Mounting instruction DOC-0000176104

Remarks

Customer part number NATO: NSN 5820-99-726-4346, 5920-14-516-6621, 5920-17-100-7884, 5920-66-127-4034

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

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