Data Sheet

EMP Protector 3402.17.C



Description

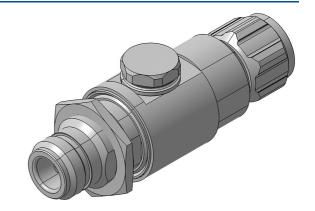
GDT technology up to 2.5 GHz

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

Compliant to IEC 61643-21



Product Configuration

Main path connectors

Mounting and grounding Side of bulkhead

Port 1: unprotected, N plug (male) - Port 2: protected, N jack (female)

MH25 (bulkhead mounting), brk (bracket)

protected side

Technical Data

Electrical Data

Impedance 50 Ω 0 - 2500 MHz Frequency range Return loss ≥ 20 dB ≤ 0.2 dB Insertion loss RF CW power ≤ 150 W PIM 3rd order not specified

Surge current handling capability

30 single / 20 multiple kA (test pulse 8/20 µs) 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 155 g

Environmental Data

Operating temperature -40 °C to +85 °C

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

2011/65/EU (RoHS) compliant

Material Data

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

Related Documents

Outline drawing DOU-00004075.1 Mounting instruction DOC-0000176104

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