# **Data Sheet**

# IUBER+SUHNER

# **EMP Protector** 3402.99.0004

### **Description**

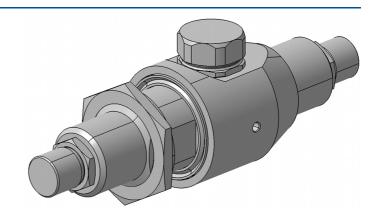
GDT technology up to 2.5 GHz

#### **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**

Port 1: unprotected, F jack (female) - Port 2: protected, F jack (female) Main path connectors Mounting and grounding MH25 (bulkhead mounting), brk (bracket)

# **Technical Data**

#### **Electrical Data**

Impedance 75 Ω Frequency range 0 - 1500 MHz Insertion loss ≤ 0.5 dB RF CW power ≤ 50 W PIM 3rd order not specified

Surge current handling capability

10 single / 5 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 - protected side

**Mechanical Data** 

Weight 157 g

### **Environmental Data**

Operating temperature -40 °C to +85 °C

Waterproof degree IP54 (according to IEC 60529, data refer to the coupled state)

2011/65/EU (RoHS - including compliant 2015/863 and 2017/2102)

#### **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-00004160.1 DOC-0000176104 Mounting instruction

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

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