# **Data Sheet**

# IUBER+SUHNER

## **EMP Protector** 3401.17.0033

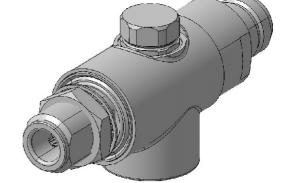
#### **Description**

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), M8 (screw), brk (bracket) Side of bulkhead

protected side

#### **Technical Data**

#### **Electrical Data**

Impedance 50 Ω 0 - 1000 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  $\mu s$  / 2 kA 8/20  $\mu s$ ) main path - protected side

**Mechanical Data** 

Number of matings 500 230 g Weight

**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 - 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-00068967.1 DOC-0000176104 Mounting instruction

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

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