## **Data Sheet**

# HUBER+SUHNER

## **EMP Protector** 3401.26.C

### **Description**

GDT technology up to 1.0 GHz

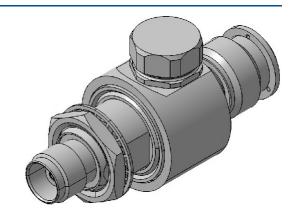
#### **Benefits**

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

Compliant to IEC 61643-21



### **Product Configuration**

Main path connectors Mounting and grounding Side of bulkhead

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

MH12 (bulkhead mounting), brk (bracket)

protected side

#### **Technical Data**

#### **Electrical Data**

Impedance 50 Ω

0 - 1000 MHz 0 - 300 MHz Frequency range Return loss ≥ 19 dB ≥ 26.44 dB ≤ 0.1 dB ≤ 0.1 dB Insertion loss RF CW power ≤ 150 W ≤ 150 W PIM 3rd order not specified 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 90 g Weight

**Environmental Data** 

-40 °C to +85 °C Operating temperature

IP20 (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	Brass	Gold Plating (without Nickel underplating)
Port 2 center contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)

#### **Related Documents**

Outline drawing DOU-00003961.1 DOC-0000176104 Mounting instruction

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

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