## **Data Sheet**

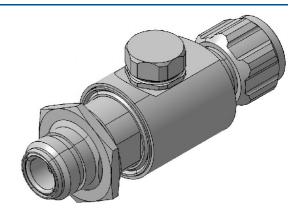
# EMP Protector 3402.17.C

#### 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	Port 1: unprotected, N plug (male) - Port 2: protected, N jack (female)
Mounting and grounding	MH25 (bulkhead mounting), brk (bracket)
Side of bulkhead	protected side

#### **Technical Data**

#### **Electrical Data**

Impedance	50 Ω
Frequency range	0 - 2500 MHz
Return loss	≥ 20 dB
Insertion loss	≤ 0.2 dB
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
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 - 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 Mounting instruction DOU-00004075.1 DOC-0000176104

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