## **Data Sheet**

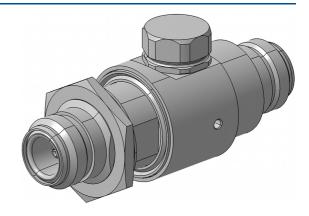
# EMP Protector 3402.18.A

#### 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 connectorsPort 1: unprotected, N jack (female) - Port 2: protected, N jack (female)Mounting and groundingMH25 (bulkhead mounting), brk (bracket)Side of bulkheadprotected side

#### **Technical Data**

#### **Electrical Data**

Impedance	75 Ω	
Frequency range	0 - 2000 MHz	0 - 1500 MHz
Return loss	≥ 15.5 dB	≥ 16.5 dB
Insertion loss	≤ 0.2 dB	≤ 0.2 dB
RF CW power	≤ 100 W	≤ 100 W
PIM 3rd order	not specified	not specified
Surge surrent handling conshility	20 single / 20 multin	le kA (test pulse 8/20 us)
Surge current handling capability	30 single / 20 multiple kA (test pulse 8/20 μs) 250 μ t traisally (test pulse 4 k/ 1 2/50 μs / 2 kA 8/20 μs) main path, protected side	
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		
Mechanical Data	500	
	500 126 g	
Number of matings		
Number of matings		
Number of matings Weight		
Number of matings Weight Environmental Data	126 g -40 °C to +85 °C	EC 60529, data refer to the coupled state)
Number of matings Weight Environmental Data Operating temperature	126 g -40 °C to +85 °C	EC 60529, data refer to the coupled state)
Number of matings Weight Environmental Data Operating temperature Waterproof degree	-40 °C to +85 °C IP65 (according to I	EC 60529, data refer to the coupled state)

#### **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 Mounting instruction DOU-00004089.1 DOC-0000176104

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