### **Data Sheet**

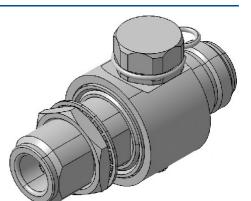
# EMP Protector 3401.17.K

#### **Description**

GDT technology up to 1.0 GHz

#### Benefits

DC continuity for remote powering The protector can also be installed reversely GDT holder with chain 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: <u>unprotected</u> , N jack (female) - Port 2: <u>protected</u> , N jack (female)
Mounting and grounding	MH12 (bulkhead mounting), brk (bracket)
Side of bulkhead	protected side
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#### **Technical Data**

#### **Electrical Data**

Impedance	50 Ω		
Frequency range	0 - 1000 MHz		
Return loss	≥ 26.4 dB		
Insertion loss	≤ 0.1 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	110 g		
Environmental Data			
Operating temperature	-40 °C to +85 °C		
Waterproof degree	IP66 (according to IEC 60529, data refer to the coupled state)		
2011/65/EU (RoHS)	compliant		
Material Data			
Piece Parts	Material	Surface Plating	
Housing	Brass	SUCOPLATE (R) Plating	
Port 1 center contact	Copper Beryllium Alloy	Gold Plating (without Nickel underplating)	

#### **Related Documents**

Outline drawing Mounting instruction

Port 2 center contact

DOU-00003945.1 DOC-0000176104

Copper Beryllium Alloy

#### **Remarks**

Customer part number

NATO: NSN 5920-12-321-2510

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

Gold Plating (without Nickel underplating)

Waiver: It is exclusively in written agreements that we provide our customers with warrants and representations as to the technical specifications and/or the fitness for any particular purpose. The facts and figures contained herein are carefully compiled to the best of our knowledge, but they are intended for general information purposes only.



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