### **Data Sheet**

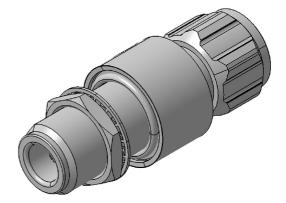
# EMP Protector 3406.17.0028

#### Description

Slim Line GDT technology

#### Benefits

Broad-band design DC continuity for remote powering The protector can also be installed reversely Fix installed GDT, static sparkover-voltage nom. 90 V Compliant to IEC 61643-21



#### **Product Configuration**

Main path connectorsPort 1: <u>unprotected</u> , N plug (male) - Port 2: <u>protected</u> , N jack (femaleMounting and groundingMH24 (bulkhead mounting), brk (bracket)Side of bulkheadprotected side	;)
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#### **Technical Data**

#### **Electrical Data**

Impedance	50 Ω
Frequency range	0 - 4000 MHz
Return loss	≥ 20 dB
Insertion loss	≤ 0.2 dB
RF CW power	≤ 21 W
PIM 3rd order	not specified
Surge current handling capability	10 single / 5 multiple kA (test pulse 8/20 μs)
Residual pulse energy	250 $\mu J$ 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	75 g
Environmental Data	
Operating temperature	-40 °C to +85 °C
Waterproof degree	IP68 (according to IEC 60529, data refer to the coupled state)
2011/65/EU (RoHS - including	compliant acc. Annex III
2015/863 and 2017/2102)	

#### **Material Data**

Piece Parts	Material	Surface Plating
Housing	Brass	Tri-metal Plating
Port 1 center contact	Bronze	Gold Plating
Port 2 center contact	Bronze	Gold Plating

#### **Related Documents**

Outline drawing	DOU-00101102.1
Mounting instruction	DOC-0000176104

#### Remarks

Ordering information for optional mounting/grounding accessories:

-Grounding ring 9075.99.0026, terminal lug for cable 6AWG/16 mm^2 (diameter 6 mm), material: copper, tin plated

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

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