

**COAXIAL SURGE PROTECTOR DEVICE, GDT technology up to 1.0 GHz**

3401.00.0022

**Properties**

- Broadband frequency operation from DC to 1 GHz
- Gas discharge tube replaceable and not included
- DC/AC remote powering via coaxial same cable
- Surge current handling capability 30 kA once and 20 kA multiple
- Semper self-extinguishing functionality optional



<b>Product configuration</b>	
Main path connectors	Port 1: unprotected, N jack (female) Port 2: protected, SMA jack (female)
Mounting and grounding	MH12 (bulkhead mounting)
Side of bulkhead	protected side

<b>Material data</b>	
Housing material / plating	Brass / SUCOPLATE (R) Plating
Center contact, material / plating	Port 1: Copper Beryllium Alloy / Gold Plating (without Nickel underplating)
	Port 2: Copper Beryllium Alloy / Gold Plating (without Nickel underplating)

<b>Electrical data</b>	
Impedance	50 $\Omega$
Frequency frame	0 MHz to 1000 MHz
Return loss typical	20.8 dB
Insertion loss typical	0.2 dB
CW power frame	150 W

<b>Electrical remarks</b>	
Surge current handling capability	30 single / 20 multiple kA (test pulse 8/20 $\mu$ s)
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
Gas tube	Yes DC, GDT not included

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<b>Mechanical data</b>	
Weight	95 g
Mating cycles	500

<b>Environmental data</b>	
Operation temperature	-40 °C ... 85°C
Storage temperature	-40 °C ... 85°C
Ingress protection (IP Rating)	IP67

<b>Ordering Information Table</b>	
Item number	Item description
22652538	3401.00.0022

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