

**COAXIAL SURGE PROTECTOR DEVICE, GDT technology up to 2.5 GHz**

3402.26.0004

**Properties**

- Broadband frequency operation from DC to 2.5 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

**Product configuration**

Main path connectors	Port 1: unprotected, TNC plug (male) Port 2: protected, TNC jack (female)
Mounting and grounding	MH25 (bulkhead mounting)
Side of bulkhead	protected side
EMP can be install reversed	YES

**Interface and material data**

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

**Electrical data**

Impedance	50 $\Omega$
Frequency frame	0 MHz to 2500 MHz
Return loss typical	$\geq 20$ dB
Insertion loss typical	$\leq 0.2$ dB
CW power frame	$\leq 150$ W
Residual pulse energy (typ.)	350 $\mu$ J (test pulse 4 kV 1.2/50 $\mu$ s; 2 kA 8/20 $\mu$ s)
Residual pulse voltage (typ.)	650 V (test pulse 4 kV 1.2/50 $\mu$ s; 2 kA 8/20 $\mu$ s)
Surge current handling capability	30 kA single, 20 kA multiple (test pulse 8/20 $\mu$ s)

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Electrical remarks	
Gas tube	Yes DC, GDT not included
Electrical remarks	Data refer to GDT 9071.99.0547, 230 V

Mechanical data	
Weight	129 g
Mating cycles	500

Environmental data	
Operation temperature	-40 °C ... 85 °C
Storage temperature	-40 °C ... 85 °C
Ingress protection (IP Rating)	IP65
Thermal shock according	MIL-STD-202, Method 107, Cond. B
Vibration according	MIL-STD-202, Method 204, Cond. D
Moisture resistance according	MIL-STD-202, Method 106

Compliance			
Item number	Directive / Regulation	Rating	Exemptions / Details
22652577	RoHS 2011/65/EU and (EU) 2015/863	Compliant with exemption	6c
	REACH 1907/2006 Article 33 SVHC	Contains one or more SVHC >0,1%	CAS: 7439-92-1 Lead

Ordering Information Table	
Item number	Item description
22652577	3402.26.0004

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