

COAXIAL SURGE PROTECTOR DEVICE, GDT technology up to 2.5 GHz

3402.26.0002

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 jack (female) Port 2: protected, TNC jack (female)
Mounting and grounding	MH25 (bulkhead mounting)
Side of bulkhead	protected side
Capsule holder with chain	YES
EMP can be install reversed	YES

Interface and material data

Housing material / plating	Brass / SUCOPALATE (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)

Electrical data

Impedance	50 Ω
Frequency frame	0 MHz to 2500 MHz
Return loss typical	≥ 20 dB
Insertion loss typical	≤ 0.2 dB
CW power frame	≤ 150 W
Residual pulse energy (typ.)	350 μJ (test pulse 4 kV 1.2/50 μs; 2 kA 8/20 μs)
Residual pulse voltage (typ.)	650 V (test pulse 4 kV 1.2/50 μs; 2 kA 8/20 μs)
Surge current handling capability	30 kA single, 20 kA multiple (test pulse 8/20 μs)

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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	118 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
22649361	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

Comment

NATO Stock Number	5920-12-380-1528
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Ordering Information Table

Item number	Item description
22649361	3402.26.0002

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DOCUMENT PIM-P2004 / Date of publication: 28.02.2025 / uncontrolled copy