

MAUNT

M6000203

**Coaxial surge protection, GDT technology up to 2.5 GHz,
Huber+Suhner**



Description

Coaxial surge protector based on a gas discharge tube (GDT) that protects connected equipment against overvoltage and lightning currents via the coaxial cable. The protector is bulkhead-mounted and grounded, and passes remote DC/AC power through the same coaxial cable. The gas discharge tube is replaceable and is not included.

Brand

Huber+Suhner

Technical specifications

Impedance	50 Ω
Frequency range	0–2500 MHz
Return loss (typical)	≥ 20 dB
Insertion loss (typical)	≤ 0.2 dB
CW power	≤ 150 W
Residual pulse energy (typical)	350 μ J (test pulse 4 kV 1.2/50 μ s; 2 kA 8/20 μ s)
Residual pulse voltage (typical)	650 V (test pulse 4 kV 1.2/50 μ s; 2 kA 8/20 μ s)
Surge current capacity	30 kA single, 20 kA multiple (test pulse 8/20 μ s)
Gas discharge tube	DC-passing, not included
Reference electrical data	Gas discharge tube 230 V

Functionalities & interfaces

Port 1 (unprotected side)	N connector, female
Port 2 (protected side)	N connector, female
Mounting and grounding	MH25 (bulkhead mounting)
Bulkhead mounting side	Protected side
Installation direction	Both directions possible

Physical specifications

Housing material	Brass, SUCOPLATE finish
Center contact material	Copper-beryllium alloy, gold-plated (without nickel underlayer), port 1 and 2
Weight	126 g

Mechanical specifications

Vibration resistance	MIL-STD-202, method 204, condition D
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Environmental specifications

Operating temperature	-40 °C to +85 °C
Storage temperature	-40 °C to +85 °C
Thermal shock resistance	MIL-STD-202, method 107, condition B
Moisture resistance	MIL-STD-202, method 106

Classification codes and standards

Protection/Environment	IP66 (mated), according to IEC 60529
Environmental/substance compliance	RoHS 2011/65/EU and (EU) 2015/863: compliant, with exemption 6c; REACH 1907/2006 article 33: contains SVHC > 0.1% (lead, CAS 7439-92-1)