

COAXIAL SURGE PROTECTOR DEVICE, Slim Line GDT technology

3406.17.0028

Properties

- Slim in-line design
- Broadband operation from DC up to 4 GHz
- DC continuity for remote powering
- Permanently installed gas discharge tube

**Product configuration**

Main path connectors	Port 1: unprotected, N plug (male) Port 2: protected, N jack (female)
Mounting and grounding	MH24 (bulkhead mounting)
Side of bulkhead	protected side
Inline design	YES
EMP can be install reversed	YES

Interface and material data

Housing material / plating	Brass / Tri-metal Plating
Center contact, material / plating	Port 1: Bronze / Gold Plating Port 2: Bronze / Gold Plating

Electrical data

Impedance	50 Ω
Frequency frame	0 MHz to 4000 MHz
Return loss typical	≥ 20 dB
Insertion loss typical	≤ 0.2 dB
CW power frame	≤ 21 W
Static spark voltage	90 V, +/- 20 % (@ 100 V/s)
Residual pulse energy (typ.)	250 μJ LEMP (test pulse 4 kV 1.2/50 μs; 2 kA 8/20 μs)
Surge current handling capability	10 kA single, 5 kA multiple (test pulse 8/20 μs)

Electrical remarks

Gas tube	Yes DC, GDT included, not replaceable
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Mechanical data

Weight	76 g
Mating cycles	500

Environmental data

Operation temperature	-40 °C ... 85 °C
Storage temperature	-40 °C ... 85 °C
Ingress protection (IP Rating)	IP68
Thermal shock according	MIL-STD-202, Method 107, Cond. B
Vibration according	MIL-STD-202, Method 204, Cond. A
Moisture resistance according	MIL-STD-202, Method 106

Compliance

Item number	Directive / Regulation	Rating	Exemptions / Details
84041875	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

	Accessories: grounding ring 9075.99.0026, terminal lug for cable 6AWG/16 mm ² (diameter 6 mm), material: copper, tin plated
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Ordering Information Table

Item number	Item description
84041875	3406.17.0028

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