

COAXIAL SURGE PROTECTOR DEVICE, GDT technology up to 3 GHz
(Platform 3000)

3402.26.3001

Properties

- Broadband frequency operation from DC to 3 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	MH170 (bulkhead mounting)
Side of bulkhead	protected side

Interface and material data	
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)

Electrical data	
Impedance	50 Ω
Frequency frame	0 MHz to 3000 MHz
Return loss typical	≥ 20 dB
Insertion loss typical	≤ 0.3 dB
CW power frame	≤ 150 W

Electrical bands	
	Range 1
Frequency range	0 MHz ... 1000 MHz
Return loss	≥ 26 dB
Insertion loss	≤ 0.1 dB

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Electrical bands	
	Range 1
Power avg. / peak	≤150 W / -
Electrical remarks	
DC current	8 A
Surge current handling capability	30 single / 20 multiple kA (test pulse 8/20 µs)
Residual pulse energy	350 µJ typically (test pulse 4 kV 1.2/50 µs / 2 kA 8/20 µs) main path - protected side
Gas tube	Yes DC, GDT not included
Electrical remarks	Data refer to GDT 9071.99.0547, 230 V
Mechanical data	
Weight	143 g
Mating cycles	500
Environmental data	
Operation temperature	-40 °C ... 85 °C
Storage temperature	-40 °C ... 85 °C
Ingress protection (IP Rating)	IP65
Ordering Information Table	
Item number	Item description
85027729	3402.26.3001

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