

COAXIAL SURGE PROTECTOR DEVICE, GDT technology with integrated high-pass filter for NEMP protection

3408.17.0005

Properties

- NEMP tested
- Residual energy reduced by 60 % compared to series 3401/3402
- Residual voltage reduced by 40 % compared to series 3401/3402
- DC-blocking on protected side of the device
- Gas discharge tube replaceable



Product configuration	
Main path connectors	Port 1: unprotected, N jack (female) Port 2: protected, N jack (female)
Mounting and grounding	MH25 (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	25 MHz to 2500 MHz
Return loss typical	≥ 20 dB
Insertion loss typical	≤ 0.2 dB
CW power frame	≤ 150 W
Residual pulse energy (typ.)	150 μJ LEMP (test pulse 4 kV 1.2/50 μs; 2 kA 8/20 μs) 90 μJ NEMP (test pulse 6 kV 5/200 ns)
Residual pulse voltage (typ.)	1260 V NEMP (test pulse 6 kV 5/200 ns)
Surge current handling capability	30 kA single, 20 kA multiple (test pulse 8/20 μs)
Electrical remarks	
Gas tube	No DC, GDT not included
Electrical remarks	Data refer to GDT 9071.99.0547, 230 V

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Mechanical data	
Weight	130 g
Mating cycles	500
Environmental data	
Operation temperature	-40 °C ... 85 °C
Storage temperature	-40 °C ... 85 °C
Ingress protection (IP Rating)	Mated / IP65, according to IEC 60529
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
Ordering Information Table	
Item number	Item description
22652510	3408.17.0005

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