

# COAXIAL SURGE PROTECTOR DEVICE, GDT technology up to 2.5 GHz, with GDT 230 V

3402.17.0033

## Properties

- Broadband frequency operation from DC to 2.5 GHz
- Gas discharge tube replaceable and 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



CE  
UK  
CA

## 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
Capsule holder with chain	YES
EMP can be install reversed	YES

## 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 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)

## Electrical remarks

Gas tube	Yes DC, GDT included, replaceable, 9071.99.0547 (230 V)
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