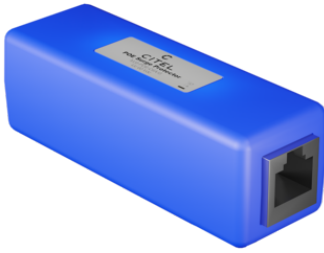
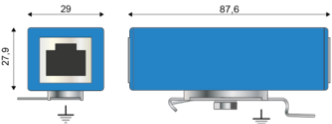
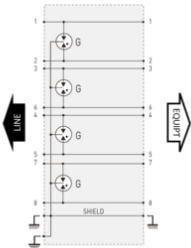


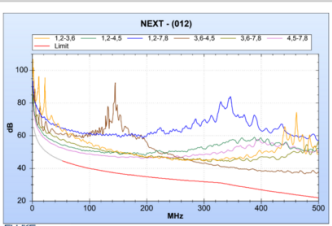
**MJ8-POE-C6A/G/KF**



- POE++ compatible (IEEE 802.3bt)
- 10G compatible from 5m to 100m in the channel, using Cat-6A S/FTP cabling
- RJ45 Shielded connectors
- IEC 61643-21, EN 61643-21
- Indoor application: IP20 rating (NEMA 2)
- Plastic enclosure, UL94-V0
- Location and test categories: D1, C2, C3

G: 3-electrode gas tube



Electrical Characteristics	
Protection modes (network)	CM (Common Mode)
Protection modes (POE)	CM (Common Mode)
Transmission standard	IEEE 802.3bt
Lightning Protection Zones (LPZ)	0 - 2
Max. DC operating voltage	Uc 8 Vdc
Max. operating voltage (POE)	Uc 60 Vdc
Max. frequency, in the channel	f max. 500 MHz
Max. load current @25°C	IL 2 A
Max. POE power (4PPOE)	90 W
Max. discharge current max. withstand @ 8/20 μs, X-C (Line/Earth)	Imax 2 kA
Max. discharge current max. withstand @ 8/20 μs, 8X-C (1&2+3&6+4&5+7&8 to Earth)	Imax Total 16 kA
Protection Level C3 category (10/1000μs), 300 applications@10 A, X-X (Line/Line)	Up < 700 V
Protection level C3 category (10/1000μs), 300 applications@10 A, X-C (Line/Earth)	Up < 700 V
Protection Level C3 Category (10/1000μs), 300 applications @ 10A, (Pair-Pair, POE)	Up < 700 V
Impulse current D1 category (10/350μs), 2 applications, X-C (Line/Earth)	limp 500 A
Impulse current D1 category (10/350μs), 2 applications, 8X-C (1&2+3&6+4&5+7&8 - Earth)	limp Total 4 kA
Nominal Discharge Current C2 category (8/20μs), 10 applications, X-X (Line/Line)	In 4 kV / 2 kA
Line resistance (± 10%)	0 Ohm
Capacitance @1MHz, X-C (Line/Earth)	C < 5 pF
Installation	
Wiring type	Cat-6A S/FTP cabling
Operating Relative HumidityMax	%RH 95
Operating AltitudeMax	Ft 6500.0000
Installation Location	Outdoor
Mechanical Characteristics	
Connection to Network	RJ45 shielded connectors Female input/output
Cable glands	N/A
Weight	0.05 kg / 0.11 lbs
TECHNOLOGY	GDT
NETWORK CONFIGURATION	Single POE Line
CONNECTION METHOD	Shielded RJ45
MOUNTING	Mounting Flange, Screw Lug, DIN Rail- Mounting Kit
MATERIAL	UV rated Thermoplastic
FLAMMABILITY RATING	UL94-V0
NEMA RATING (IP RATING)	NEMA 2 (IP20)
DIMENSIONS	See diagram
Standards	
Operating Temperature	-40/+85C
STANDARDS	IEC 61643-21, EN 61643-21
ENVIRONMENTAL STANDARDS	ROHS
Part number	
581551	

