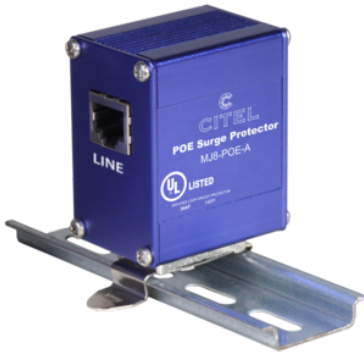
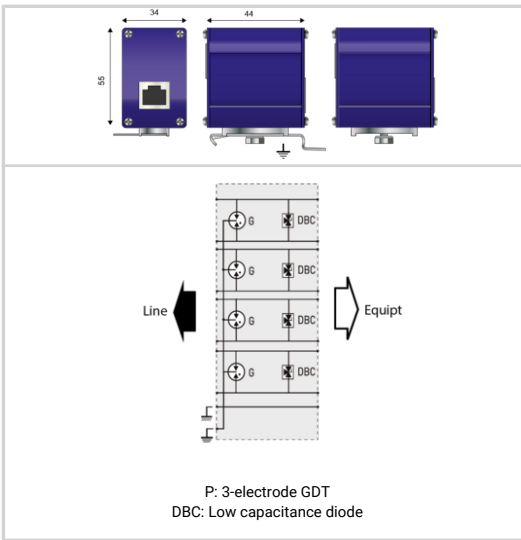


# MJ8-POE-A



- POE++ compatible
- Gigabit Ethernet (Cat.5E)
- Shielded enclosure and connectors
- 2 kA discharge capability
- UL497B certified
- IEC 61643-21, EN 61643-21 compliance



Electrical Characteristics	
Network	Gigabit Ethernet (Cat.5E)
Nominal line voltage	Un 48 Vdc
Max. DC operating voltage	Uc 60 Vdc
Max. frequency	f max. > 100 MHz
Max. data rate	10/100/1000 Mbps
Insertion loss	< 1 dB
Max. load current	IL 2000 mA
Protection level	Following the test category C3 (IEC61643-21) - Line/Line
Up	70 V
Impulse current	2 x 10/350µs Test - D1 Category
limp	500 A
Line/Line Nominal discharge current	8 /20µs Test x 10 - C2 Category
In L/L	500 A
Line/Ground Nominal discharge current	8 /20µs Test x 10 - C2 Category
In L/PE	2000 A
Mechanical Characteristics	
Technology	GDT+Clamping diode
SPD configuration	8 wires+shielded
Connection to Network	RJ45 shielded connectors Female input/output
Format	Metallic box with connectors input/output
Mounting	Mounting flange, Screw lug, DIN Rail
Accessory(s) provided	DIN rail adapter, screw, screw nut, earthing plate, countersunk screw, cable shoe
Housing material	Aluminium
Operating temperature	Tu -40/+85°C
Protection rating	IP20
Failsafe mode	Short-circuit - transmission cut-off
Disconnection indicator	Transmission interrupt - default mode 2
Pinout	(1-2)(3-6)(4-5)(7-8)
Dimensions	See diagram
Weight	0.120 kg
Standards	
Standards compliance	IEC 61643-21 / EN 61643-21 / UL497 B IEEE 802-3af/3at/3bt
Certification	UL listed
Part number	
581519	