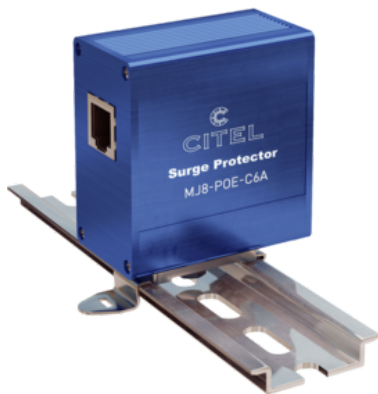




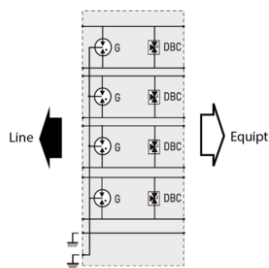
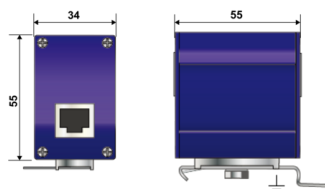
CITEL

Surge protector for POE ++ and Category 6A cabling network

MJ8-POE-C6A



- › POE++ compatible
- › Gigabit Ethernet (Cat.6A)
- › Shielded enclosure and connectors
- › 2 kA discharge capability
- › UL497B certified
- › IEC 61643-21, EN 61643-21 compliance



G: 3-electrode GDT
DBC: 3-pole Low capacitance diode

Electrical Characteristics		
Network		10Gigabit Ethernet - Cat 6A cabling specification
Nominal line voltage	Un	48 Vdc
Max. DC operating voltage	Uc	60 Vdc
Max. frequency	f max.	500 MHz
Max. data rate		10 Gbps
Insertion loss		< 1 dB
Protection level		
Following the test category C3 (IEC61643-21) - Line/Line		Up 70 V
Impulse current	Iimp	400 A
2 x 10/350µs Test - D1 Category		
Line/Line Nominal discharge current	In L/L	500 A
C2 Category		
Nominal Discharge Current, X-C (Line/Earth)	In L/PE	2000 A
8/20µs Test x 10 - C2 Category		
Mechanical Characteristics		
Technology		GDT+Clamping diode
SPD configuration		4 pairs+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
Disconnection indicator		Transmission interrupt - default mode 2
Pinout		(1-2)(3-6)(4-5)(7-8)
Dimensions		See diagram
Weight		0.106 kg
Standards		
Standards compliance		IEC 61643-21/ EN 61643-21 / UL497B IEEE 802-3af/3at/3bt/ ANSI/TIA-568-C.1
Certification		UL 497B
Part number		
581541		

