



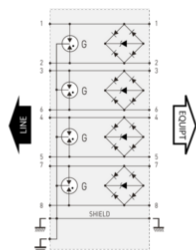
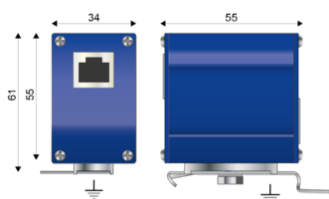
CITEL

RJ45 surge protector for CAT6A cabling network

MJ8-C6A



- ↳ up to 10-Gigabit Ethernet compatible
- ↳ Category 6A compatible
- ↳ RJ45 Shielded connectors
- ↳ Mounted on frame or DIN rail
- ↳ Compliance IEC 61643-21, EN 61643-21
- ↳ Certified UL497B



G: 3-electrode GDT

Electrical Characteristics

Network		10Gigabit Ethernet - Cat 6A cabling specification
Nominal line voltage	Un	5 Vdc
Max. DC operating voltage	Uc	8 Vdc
Max. frequency	f max.	500 MHz
Max. data rate		10 Gbps
Insertion loss		< 1 dB
Max. discharge current max. withstand @ 8/20 μ s by pole	Imax	2 kA
Protection Level C3 (10/1000 μ s), 300 applications@10 A, X-X (Line/Line)	Up	20 V
Protection level C3 (10/1000 μ s), 300 applications@10 A, X-C (Line/Earth)	Up	20 V
Impulse current 2 x 10/350 μ s Test - D1 Category	Iimp	500 A
Line/Line Nominal discharge current C2 Category	In L/L	500 A
Nominal Discharge Current, X-C (Line/Earth) 8/20 μ s Test x 10 - C2 Category	In L/PE	2000 A

Mechanical Characteristics

Technology		GDT+TVS diode
SPD configuration		4 pairs+shielded
Connection to Network		RJ45 shielded connectors Female input/output
Format		Connector RJ45
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

581540

