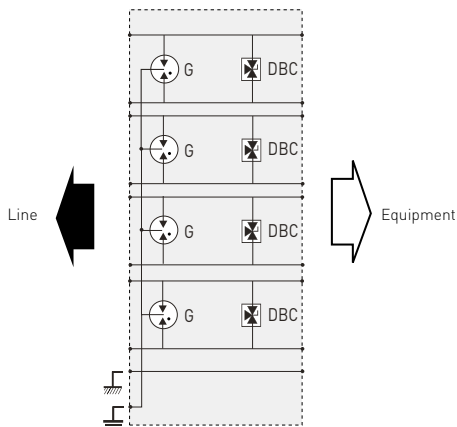
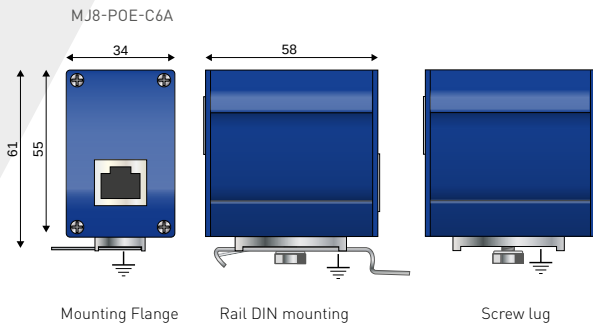


MJ8-POE SERIES



- PoE++ compatible
- up to 10Gigabit Ethernet compatible
- Category 6A or 5E compatible
- RJ45 connectors
- Bi-directional
- Mounted on frame or DIN rail
- IEC 61643-21, EN 61643-21 and UL497B compliance



G : 3-electrode gas tube
DBC : 3-pole Low capacitance diode

Characteristics

CITEL Model	MJ8-POE-C6A	MJ8-POE-A
Description	RJ45 surge protector for POE++	
Network	10Gigabit Ethernet, Category 6A	Gigabit Ethernet, Category 5E
Max. data rate	10 Gbps	1 Gbps
SPD configuration	4 pairs + shielded	4 pairs + shielded
Pin outs	[1-2][3-6][4-5][7-8]	[1-2][3-6][4-5][7-8]
Nominal line voltage	Un 48 Vdc	48 Vdc
Max. DC operating voltage	Uc 60 Vdc	60 Vdc
Max. Load current	IL 2000 mA	2000 mA
Max. frequency	f max > 500 MHz	> 100 MHz
Insertion loss	< 1 dB	< 1 dB
Line/Ground Nominal discharge current <i>8/20µs Test x 10 - category C2</i>	In 2000 A	2000 A
Nominal discharge current Line/Line <i>8/20µs Test x 10 - category C2</i>	In 500 A	500 A
Impulse current - <i>2 x 10/350µs Test - D1 cat.</i>	Iimp 500 A	500 A
Protection level <i>following C3 Category test - Line/Line</i>	Up 70 V	70 V
Failsafe behavior	Short-circuit	Short-circuit
Mechanical characteristics		
Dimensions	see diagram	
Format	Metallic box with connectors input/output	
Connection to Network	RJ45 shielded connector female input/output	
End of life	transmission interrupt - default mode 2	
Mounting	Mounting flange,Screw lug, DIN Rail	
Operating temperature	-40/+85°C	
Protection rating	IP20	
Housing material	Aluminium	
Standards		
Compliance	IEC 61643-21 / EN61643-21 / UL497B IEEE 802-3af/3at/3bt	IEC 61643-21 / EN 61643-21 / UL497B IEEE 802-3af/3at/3bt
Part number		
	581541	581519