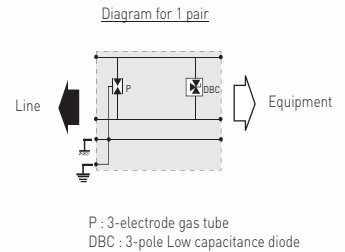
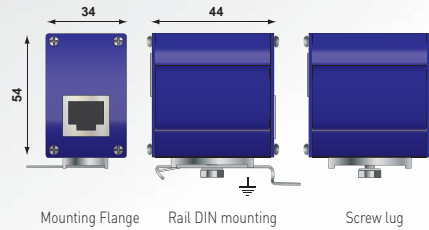


Gigabit POE Surge Protectors

MJ8-POE series



- POE compatible
- Shielded enclosure and connectors
- 2 kA discharge capability
- IEC 61643-21 compliance
- UL497A

Characteristics

CITEL Model	MJ8-POE-A	MJ8-POE-B
Description	RJ45 surge protector for POE-A	RJ45 surge protector for POE-B
Network	POE and Gigabit Ethernet, High POE	POE and Gigabit Ethernet, High POE
Max. data rate	1000 Mbps	1000 Mbps
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	5 Vdc/48 Vdc
Max. DC operating voltage	Uc 60 Vdc	7.5 Vdc [1.2.3.6] - 60 Vdc [4.5.7.8]
Max. Load current	IL 1200 mA	1200 mA
Max. frequency	f max > 100 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 Category</i>	Iimp 500 A	500 A
Protection level	Up 70 V	20/70 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	
Disconnection indicator	transmission interrupt	
Mounting	Mounting flange, Screw lug, DIN Rail	
Operating temperature	-40/+85°C	
Protection rating	IP20	
Housing material	Aluminium	
Standards compliance	IEC 61643-21 / EN 61643-21 / UL497A (surge) IEEE 802-3ab/3at (transmission)	
Part number	581519	581518

