



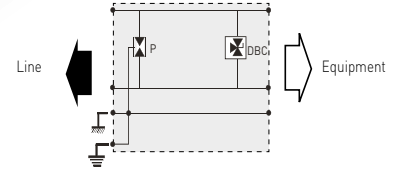
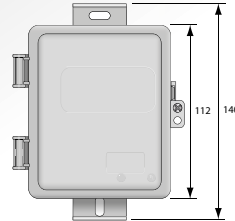
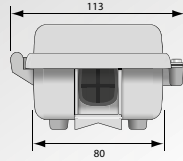
Outdoor gigabit POE surge protector CMJ8-POE



CMJ8-POE-A



CMJ8-POE-A/PCB



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

- POE compatible
- Outdoor application
- Plastic enclosures
- IP65 and IP66
- Shielded RJ45 connectors
- 2 kA discharge capability
- UL497B

Characteristics

CITEL Model	C*MJ8-POE-A-C5E	C*MJ8-POE-B-C5E
Description	Outdoor gigabit POE-A surge protector	Outdoor gigabit POE-B surge protector
Network	POE-A and Gigabit Ethernet, high POE	POE-B and Gigabit Ethernet, high POE
Max. data rate	1000 Mbps	1000 Mbps
SPD configuration	8 wires + shielded	8 wires + 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 - 650 mA	7.5 Vdc (1.2.3.6) - 650 mA. 60 Vdc (4.5.7.8) - 650 mA
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 x10 - C2 category</i>	In 2000 A	2000 A
Nominal discharge current Line/Line <i>8/20µs Test x10 - C2 category</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		
Spare unit	CMJ8-POE-A-C5E/PCB	CMJ8-POE-B-C5E/PCB
Dimensions	see diagram	
Format	Plastic Box with connectors input/output	
Connection to Network	RJ45 shielded connectors female input/output	
Disconnection indicator	transmission interrupt	
Mounting	on plate or pole	
Operating temperature	-40/+85°C	
Outdoor use	yes	
Housing material	Thermoplastic UL94-V0	
Standards compliance	IEC 61643-21 / EN 61643-21 / UL497B IEEE 802-3ab/3at	
Part number		
IP65 version	CMJ8-POE-A-C5E 892002	CMJ8-POE-B-C5E 892003
IP66 version (reinforced seal)	CGMJ8-POE-A-C5E 892004	CGMJ8-POE-B-C5E 892005

