



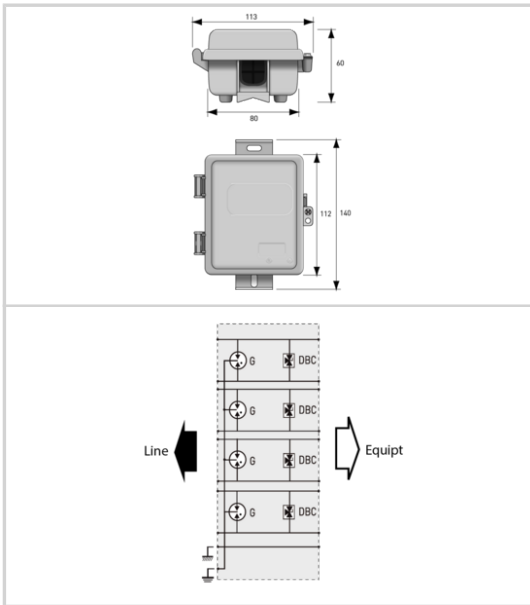
# CITEL

## Outdoor gigabit POE-B surge protector

### CMJ8-POE-B-C5E



- Discover our latest innovation : the [CWMJ8-POE-C6A](#)
- POE ++ compatible surge protector
- Category 5E compatible
- Shielded RJ45 connectors
- Outdoor application: IP67
- Metal enclosure
- Compliant with IEC 61643-21, NF EN 61643-21
- UL497B certified



Electrical Characteristics		
Network		POE-B and Gigabit Ethernet, High POE
Nominal line voltage	Un	5 Vdc/48 Vdc
Max. DC operating voltage	Uc	7.5 Vdc (1.2.3.6) - 650 mA. 60 Vdc (4.5.7.8) - 650 mA
Max. frequency	f max.	250 MHz
Max. data rate		10/100/1000 Mbps
Insertion loss		< 1 dB
Max. load current @25°C	IL	1200 mA
Protection level @ In (8/20 μs)	Up L/L	20/70 V
Impulse current 2 x 10/350 μs 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 μs Test x 10 - C2 Category	In L/PE	2000 A
Mechanical Characteristics		
Technology		GDT+Clamping diode
SPD configuration		8 wires+shielded
Connection to Network		RJ45 shielded connectors Female input/output
Format		Plastic Box with connectors input/output
Mounting		On plate or pole
Housing material		Thermoplastic UL94 V-0
Operating temperature	Tu	-40/+85°C
Protection rating		IP65
Failsafe mode		Transmission cut-off - Fault mode 2 (short-circuit)
Spare module(s)		CMJ8-POE-A-C5E/PCB
Pinout		(1-2)(3-6)(4-5)(7-8)
Dimensions		See diagram
Standards		
Standards compliance		IEC 61643-21 / EN 61643-21 / IEEE 802-3an
Certification		UL 497B
Part number		
892003		

