



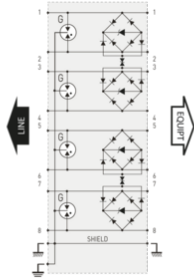
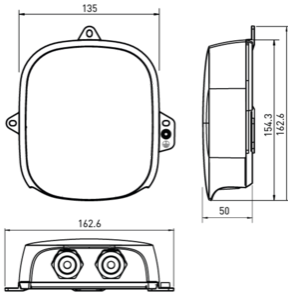
# CITEL

## 10 gigabit POE ++ surge protector

### CWMJ8-POE-C6A



- POE ++ compatible surge protector
- Category 6A compatible
- Shielded RJ45 connectors
- Outdoor application: IP66
- Compliant with IEC 61643-21, NF EN 61643-21
- UL497B certified



G: 3-electrode GDT  
 DBC: 3-pole Low capacitance diode

Electrical Characteristics		
Network		POE ++ and 10Gigabit Ethernet
Nominal line voltage	Un	48 Vdc
Max. DC operating voltage	Uc	60 Vdc
Max. frequency	f max.	500 MHz
Max. data rate		10 Gbps (6A)
Insertion loss		< 1 dB
Max. load current @25°C	IL	2 A
Protection level Following the test category C3 (IEC61643-21) - Line/Line	Up	70 V
Protection Level C3 category (10/1000µs), 300 applications@10 A, X-X (Line /Line)	Up	70 V
Impulse current 2 x 10/350µs 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) 8/20µs 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 - Reinforced seal
Mounting		Wall - Outdoor and Indoor
Accessory(s) provided		screw + nut + cable shoe
Housing material		Thermoplastic UL94 V-0
Operating temperature	Tu	-40/+85°C
Protection rating		IP66
Failsafe mode		Short-circuit
Pinout		(1-2)(3-6)(4-5)(7-8)
Dimensions		See diagram
Weight		0.291 kg
Standards		
Standards compliance		IEC 61643-21 / EN 61643-21 / IEEE 802-3an
Certification		UL 497B
Part number		
581544		

