



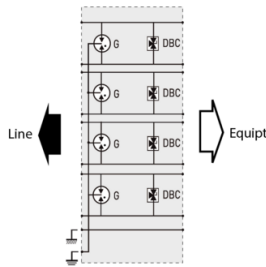
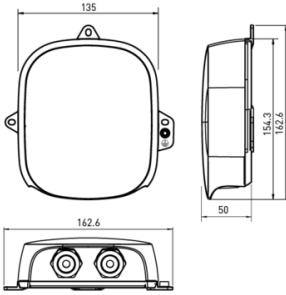
CITEL

## CWMJ8-POE-C6A



POE++ and 10Gbps Ethernet

- Outdoor application
- Shielded RJ45
- I<sub>max</sub> 16kA 8/20us
- UL497B



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

**Electrical Characteristics**

Insertion loss		< 1 dB
Max. load current	IL	2000 mA
Impulse current(2 x 10/350µs Test - D1 Category)	limp	500 A
DATA SPD TYPE		UL497B LISTED
VOLTS	[V]	48
AC/DC/DC PV/RF		DC
WIRES		8W+Shield+Ground
LINE CURRENT MAX	[A]	1.2
POWER RATING	[W]	95
AMBIENT MIN	[C]	-35
AMBIENT MAX	[C]	+85
MODES		DC+-DC-,DC+-G,DC--G,SH-G
RESIDUAL VOLTAGE	[V]	70
MCOV	[V]	60/72/72
IN(10 impulses 8/20µs)	[kA]	10.0000
IMAX(8/20µs)	[kA]	16
DATA SPEED	[bps]	10/100/1000/10000

**Mechanical Characteristics**

Technology		GDT + Clamping diode
Connection to Network		RJ45 shielded connectors female input/output
Mounting		Wall - Outdoor and Indoor
Housing material		UV rated thermoplastic - UL94-V0
Operating temperature	Tu	-40/+85°C
Protection rating		IP66
Outdoor application		Yes
Dimensions		See diagram
Weight		0.291 kg
TECHNOLOGY		SAD-GDT
NETWORK CONFIGURATION		Single POE Line
CONNECTION METHOD		Shielded RJ45
MOUNTING		FLANGE MOUNT/POLE MOUNT KIT
MATERIAL		Polycarbonate
FLAMMABILITY RATING		UL94-V0
NEMA RATING (IP RATING)		6 (IP66)
DIMENSIONS		See diagram (mm)

**Standards**

Standards compliance		IEC 61643-21/ EN 61643-21 / UL497B IEEE 802-3at/3at/3bt/ANSI/TIA-568-C.1
Certification		UL1497B
UL STANDARD		UL497B
UL CATEGORY		QVGQ
UL FILE NUMBER		E184939
STANDARDS		NOM-003-SCFI-2014, NOM-001-SCFI-1993
ENVIRONMENTAL STANDARDS		ROHS

**Part number**

581544

