



CGMJ8-POE-B-C5E



POE++ compatible

- Shielded enclosure and connectors
- 16 kA maximum surge discharge capability
- Up to 10Gbps
- UL497B



Electrical Characteristics		
Network		POE-B and Gigabit Ethernet, High POE
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
Impulse current 2 x 10/350µs Test - D1 Category	Iimp	500 A
Nominal Discharge Current, X-C (Line/Earth) 8/20µs Test x 10 - C2 Category	In L/PE	2000 A
DATA SPD TYPE		UL497B LISTED
VOLTS	(V)	2.5/48
AC/DC/DC PV/RF		DC
WIRES		8W+Shield+Ground
LINE CURRENT MAX	(A)	1.2
POWER RATING	(W)	100
AMBIENT MIN	(C)	-35
AMBIENT MAX	(C)	+85
MODES		DC+DC,DC+G,DC-G,SH-G
RESIDUAL VOLTAGE	(V)	10/70/70/70
IMAX 8/20µs	(kA)	16
DATA SPEED	(Mbps)	10/100/1000
Mechanical Characteristics		
Technology		GDT+Clamping diode
Connection to Network		RJ45 shielded connectors Female input/output
Format		Plastic Box with connectors input/output - Reinforced seal
Failsafe mode		Short-circuit - transmission cut-off - fault mode 2
Pinout		(1-2)(3-6)(4-5)(7-8)
Weight		0.36 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
Standards		
Certification		UL479A
UL STANDARD		UL497B
UL CATEGORY		QVQG
UL FILE NUMBER		E184939
STANDARDS		NOM-003-SCFI-2014, NOM-001-SCFI-1993
ENVIRONMENTAL STANDARDS		ROHS
Part number		
892005		

