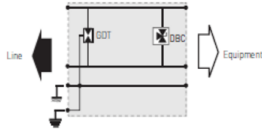


CGMJ8-POE-A-C5E



POE++ compatible

- ↳ Shielded enclosure and connectors
- ↳ 16 kA maximum surge discharge capability
- ↳ Up to 1Gbps
- ↳ UL497B



GDT : 3-Electrode gas discharge tube
DBC : 3-Pole low capacitance diode

Electrical Characteristics		
Network		Gigabit Ethernet (Cat.5E)
Max. DC operating voltage	Uc	60 Vdc - 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 <i>C3 (10/1000µs), 300 applications@10 A, X-X (Line/Line)</i>	Up	70 V
Protection level <i>C3 (10/1000µs), 300 applications@10 A, X-C (Line/Earth)</i>	Up	70 V
Impulse current <i>2 x 10/350µs Test - D1 Category</i>	Iimp	500 A
Nominal Discharge Current, X-C (Line/Earth) <i>8/20µs Test x 10 - C2 Category</i>	In L/PE	2000 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)	100
AMBIENT MIN	(C)	-35
AMBIENT MAX	(C)	+85
MODES		DC+DC-,DC+G,DC-G,SH-G
RESIDUAL VOLTAGE	(V)	70
IMAX <i>8/20µs</i>	(kA)	16
DATA SPEED	(Mbps)	10/100/1000
Mechanical Characteristics		
Technology		GDT+TVS diode
Connection to Network		RJ45 shielded connectors Female input/output
Format		Plastic Box with connectors input/output - Reinforced seal
Failsafe mode		Transmission cut-off - Fault mode 2 (short-circuit)
Pinout		(1-2)(3-6)(4-5)(7-8)
Weight		0.18 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		UL 497B
UL STANDARD		UL497B
UL CATEGORY		QVQ
UL FILE NUMBER		E184939
STANDARDS		NOM-003-SCFI-2014, NOM-001-SCFI-1993
ENVIRONMENTAL STANDARDS		ROHS
Part number		
892004		