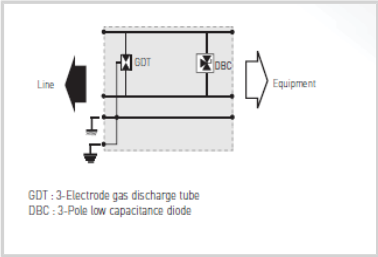
Outdoor Category 1GB POE Surge Protective Device

CGMJ8-POE-A-C5E



POE++ compatible

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



Electrical Characteristics		
Network		Gigabit Ethernet (Cat.5E)
Nominal line voltage	Un	48 Vdc
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	2 A
Max. POE power (4PPOE)		90 W
Nominal Discharge Current, X-C (Line/Earth) *8/20µs Test x 10 - C2 Category*	In L/PE	2000 A
Protection Level *C3 (10/1000µs), 300 applications@10 A, Y-Y (Line/Line)*	Up	70 V
Protection Level *C3 (10/1000µs), 300 applications@10 A, Y-C (Line/Earth)*	Up	70 V
Impulse current *2 x 10/350µs Test - D1 Category*	Iimp	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)	100
AMBIENT MIN	(C)	-40
AMBIENT MAX	(C)	+85
MODES		DC+-DC-,DC+-G,DC--G,SH-G
RESIDUAL VOLTAGE	(V)	70
IMAX *8/20µs*	(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
Mounting		On plate or pole
Operating temperature	Tu	-40/+85°C
Protection rating		IP66
Failsafe mode		Transmission cut-off - Fault mode 2 (short-circuit)
Pinout		(1-2)(3-6)(4-5)(7-8)
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
Environmental standards		EU RoHS
UL STANDARD		UL497B
UL CATEGORY		QVGQ
UL FILE NUMBER		E184939
STANDARDS		NOM-003-SCFI-2014, NOM-001-SCFI-1993
Part number		
892004		