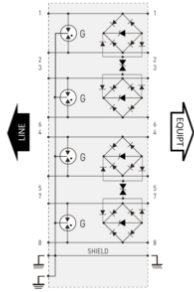
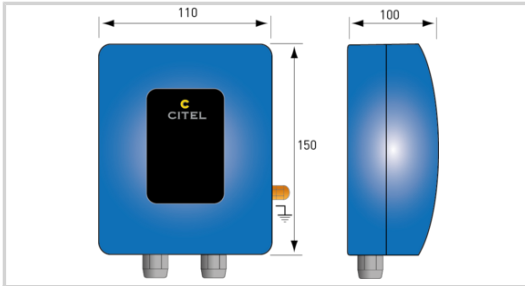




POE++ compatible

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



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

Electrical Characteristics	
Network	POE ++ and 10Gigabit Ethernet
Max. DC operating voltage	Uc 60 Vdc - 650 mA
Max. frequency	f max. 500 MHz
Max. data rate	10/100/1000 Mbps
Insertion loss	< 1 dB
Max. load current @25°C	IL 2000 mA
Impulse current 2 x 10/350µs Test - D1 Category	limp 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) 60
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 8/20µs	(kA) 16
DATA SPEED	(Mbps) 10/100/1000/10000
Mechanical Characteristics	
Technology	GDT+Clamping diode
Connection to Network	RJ45 shielded connectors Female input/output
Format	Metal Box with connectors input/output - Reinforced seal
Failsafe mode	Short-circuit
Pinout	(1-2)(3-6)(4-5)(7-8)
Weight	1.304 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 CATEGORY	QVGQ
UL FILE NUMBER	E184939
STANDARDS	NOM-003-SCFI-2014, NOM-001-SCFI-1993
ENVIRONMENTAL STANDARDS	ROHS
Part number	
581542	

