

# Outdoor Category 6 POE Surge Protective Device

## MPSS-POE-RJ45-0

### Features and Benefits

- 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 Specifications

Insertion Loss	< 1
Max. Load Current (mA)	2000
Impulse current 2 x 10/350µs Test - D1 Category (A)	500
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
MCOV (V)	60/72/72
IMAX8/20µs (kA)	16
Data Speed (bps)	10/100/1000/10000



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### Mechanical Characteristics

Outdoor Application	Yes
Weight (lbs./kg)	2.87/1.31
Technology	SAD-GDT
Network Configuration	Single POE Line
Connection Method	Shielded RJ45
Mounting	Flange Mount/Pole Mount Kit
Material	Polycarbonate
Flammability Rating	UL94-V0
IP Rating	IP66

### Standards

Certification	UL497E
UL Category	QVLA
UL File Number	E537206
Standards	NOM-003-SCFI-2014, NOM-001-SCFI-1993
Environmental Standards	RoHS