



POE compatible

- Outdoor application
- Shielded RJ45
- 2kA discharge capability
- UL497A



Electrical Characteristics		
Network		POE-B and 100Mbit 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	limp	500 A
Nominal Discharge Current, X-C (Line/Earth) 8/20µs Test x 10 - C2 Category	In L/PE	2000 A
Return Loss Minimum	db	<1
Let through Voltage at In	V	20.0000
Let through Voltage at In	V	70.0000
Option		
RFI Filter		No
Installation		
Wiring type		Shielded RJ45
Operating Temperature <sub>Min</sub>	°C	-40.0000
Operating Temperature <sub>Max</sub>	°C	85.0000
Operating Temperature <sub>Min</sub>	°F	-40.0000
Operating Temperature <sub>Max</sub>	°F	85.0000
Operating Relative Humidity <sub>Max</sub>	%RH	95
Operating Altitude <sub>Min</sub>	Ft	2000.0000
Operating Altitude <sub>Max</sub>	Ft	6500.0000
Housing/Enclosure material		Plastic
Flammability rating <sub>UL 94</sub>		V0
Mounting		POLE or
IP Environmental rating <sub>IP</sub>		IP66
Installation Location		OUTDOOR
Spare part		PCB
Accessories		Stainless steel bracket
Product Dimension <sub>L</sub>	mm	140.0000
Product Dimension <sub>H</sub>	mm	50.0000
Product Dimension <sub>W</sub>	mm	113.0000
Product Dimension <sub>L</sub>	In	5.5100
Product Dimension <sub>H</sub>	In	2.0000
Product Dimension <sub>W</sub>	In	4.4400
Miscellaneous		
Individual Pack		Yes
Storage Temperature <sub>Min</sub>	°C	-40.0000
Storage Temperature <sub>Max</sub>	°C	85.0000
Storage Temperature <sub>Min</sub>	°F	-40.0000
Storage Temperature <sub>Max</sub>	°F	85.0000
Storage Relative Humidity <sub>Max</sub>	%RH	34.0000
Installation		
Cable type		Ethernet
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)
Standards		
Certification		UL 497B
Part number		

892001