

ELE-POE-OD-35W

Outdoor POE injector 35W



INPUT :

Input Voltage: 100Vac to 240Vac
 Input Frequency: 50-60 hz
 Input Current: 0.86 at 100Vac
 0.38A at 240Vac
 Ethernet speed: 1G/5G, 802.3at

OUTPUT :

Output Voltage & Current:

OUTPUT	+56V
Max. load	0.625A
Power	35W
Min. Load	0A
Load reg. %	5%
Line reg. %	1%
Ripple %	1%
Noise %	2%

TOTAL POWER :35W

Note 1:Ripple & Noise bandwidth is from DC to 20Mhz. Terminated With a 47uF Capacitor and 0.1uf MPE Capacitor of Proper Polarity.

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EFFICIENCY : 85% min at Full Load , 100Vac & 240Vac Input Voltage

PROTECTION

Short Circuit Protection

- 1) Output Short GND Terminal will not damage the Power Supply and will Auto-Recover when Load status going to normally
- 2) Over voltage protection: 59V-63V
- 3) Over current limits: 8002.3at Limits (~0.71A)@100V ~ 240Vac

Input with Fuse Protection.

EMC : Meet FCC Class B EN55032Class B

SAFETY STANDARD : Meet EN62368-1

GENERAL DESCRIPTION

Operation Temperature: -40 - +70 Degree
 Storage Temperature: -40 - +85 Degree
 Operation Humidity: 5% - 90%
 Cooling: Free air cooling
 SIZE : 175*175*75 (L)*(W)*(H)mm (no connector)
 IP Rate: IP67

CONNECTOR

1) RJ45 connector x 2

Specification: IP rate: IP68
 Flame rate: UL94-V0
 Cable OD range: 3mm to 8 mm
 External length: 40mm

RJ45 Connected and pin out: @1000/5000MBASE

RJ-45 Input (Data Only)			RJ-45 Output (Data & Power)	
Pin	Symbol	Description	Symbol	Description
1	BI_DA+	Data Pair A+	BI_DA+	Data Pair A+
2	BI_DA-	Data Pair A-	BI_DA-	Data Pair A-
3	BI_DB+	Data Pair B+	BI_DB+	Data Pair B+
4	BI_DC+	Data Pair C+	+Vdc + BI_DC+	power(+)+Data Pair C+
5	BI_DC-	Data Pair C-	+Vdc + BI_DC-	power(+)+Data Pair C-
6	BI_DB-	Data Pair B-	BI_DB-	Data Pair B-
7	BI_DD+	Data Pair D+	-Vdc + BI_DD+	power(-)+Data Pair D+
8	BI_DD-	Data Pair D-	-Vdc + BI_DD-	power(-)+Data Pair D-

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2) Power connector x 1

Specification:	IP rate:	IP68
	Flame rate:	UL94-V0
	Cable OD range:	6mm to 12 mm
	External length:	70mm
	Max wire size:	less than 4 mm
	Cable length:	1 Meter cable with AU plug (customer can change it theirselves)

Power Output to P4,P5 & P7,P8 for Full Load.
Surge protection on data input ports



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