



MSTronic Co., Ltd.

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MIT-14-18 PoE Injector

SPECIFICATION

1. INPUT :

- 1.1 Input Voltage: 9Vdc to 36Vdc
- 1.2 Input Current:
 - 1.99A at 12Vdc
 - (2.8A at 9Vdc)
 - 0.95A at 24Vdc
 - (0.64A at 36Vdc)

2. OUTPUT :

2.1 Output Voltage & Current:

OUTPUT	+18V
Max. load	1.0A
Power	18W
Min. Load	0.01A
Load reg. %	5%
Line reg. %	1%
Ripple %	1%
Noise %	1%



TOTAL POWER : 18W

Note 1: Noise bandwidth is from DC to 20Mhz. Ripple & Noise is measured by Paralleling a 0.1uF metalize capacitor on the test point.

3. EFFICIENCY : 75% min at Full Load , 12Vdc & 24Vdc Input Voltage

4. PROTECTION

4.1 Short Circuit Protection

Output Short GND Terminal will not damage the Power Supply and will Auto-Reset.

4.2 Input have Fuse Protection.

4.3 Safety Standard : meet UL1950, CSA 22.2 & TUV EN60950.

4.4 EMC : meet FCC Class B , EN55022 Class B ,

4.5 Over Current : 120% ~ 160% @12Vdc Input F.L

4.6 Dual Input Pin & Reverse Protection-----NO Work



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5. GENERAL DESCRIPTION

- 5.1 Operation Temperature: - 25 - +50 Degree
5.2 Storage Temperature: -40 - +80 Degree
5.3 Operation Humidity: 5% - 90%
5.4 Cooling: Free air cooling
5.5 SIZE : 86*76*36 (L)*(W)*(H) unit: m/m

6. Indication :

6.1 Output OK the LED will be "GREEN"

7 CONNECTED :

RJ45 Connected and pin out:

RJ-45 Input (Data Only)			RJ-45 Output (Data & Power)	
Pin	Symbol	Description	Symbol	Description
1	RX+	Data Receive	RX+	Data Receive
2	RX-	Data Receive	RX-	Data Receive
3	TX+	Data Transmit	TX+	Data Transmit
4	NC	Not Connector	-Vdc	Feeding power(+)
5	NC	Not Connector	-Vdc	Feeding power(+)
6	TX-	Data Transmit	TX-	Data Transmit
7	NC	Not Connector	(-Vdc)_return +	Feeding power(-)
8	NC	Not Connector	(-Vdc)_return +	Feeding power(-)

Note :

1. DC output GND and Vin+/- should not be shorted to ground(FG).
2. INPUT CONNERTER :

