



MSTronic Co., Ltd.

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SPECIFICATION

DIN-POE9-56D-BT

AC/DC 802.3bt Gigabit PoE Injector

1. INPUT :

- 1.1 Input Voltage: AC : 100V ~272V $\pm$ 10%
- 1.2 Input Frequency : 50/60HZ (47 ~ 63Hz)
- 1.2 Input Current : 1.36A @100Vac at full load
0.57A @272Vac at full load

2. OUTPUT :

- 2.1 Output Voltage & Current:

OUTPUT	56V
Max. load	1.07A
Power	60W Max.
Min. load	0A
Load reg. %	5%
Line reg. %	1%
Ripple %	1%
Noise %	2%



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 : 83% min at Full Load , 90Vac 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 with Fuse Protection.

- 4.3 Safety Standard: meet UL1950, CSA 22.2 &TUV EN60950-1.



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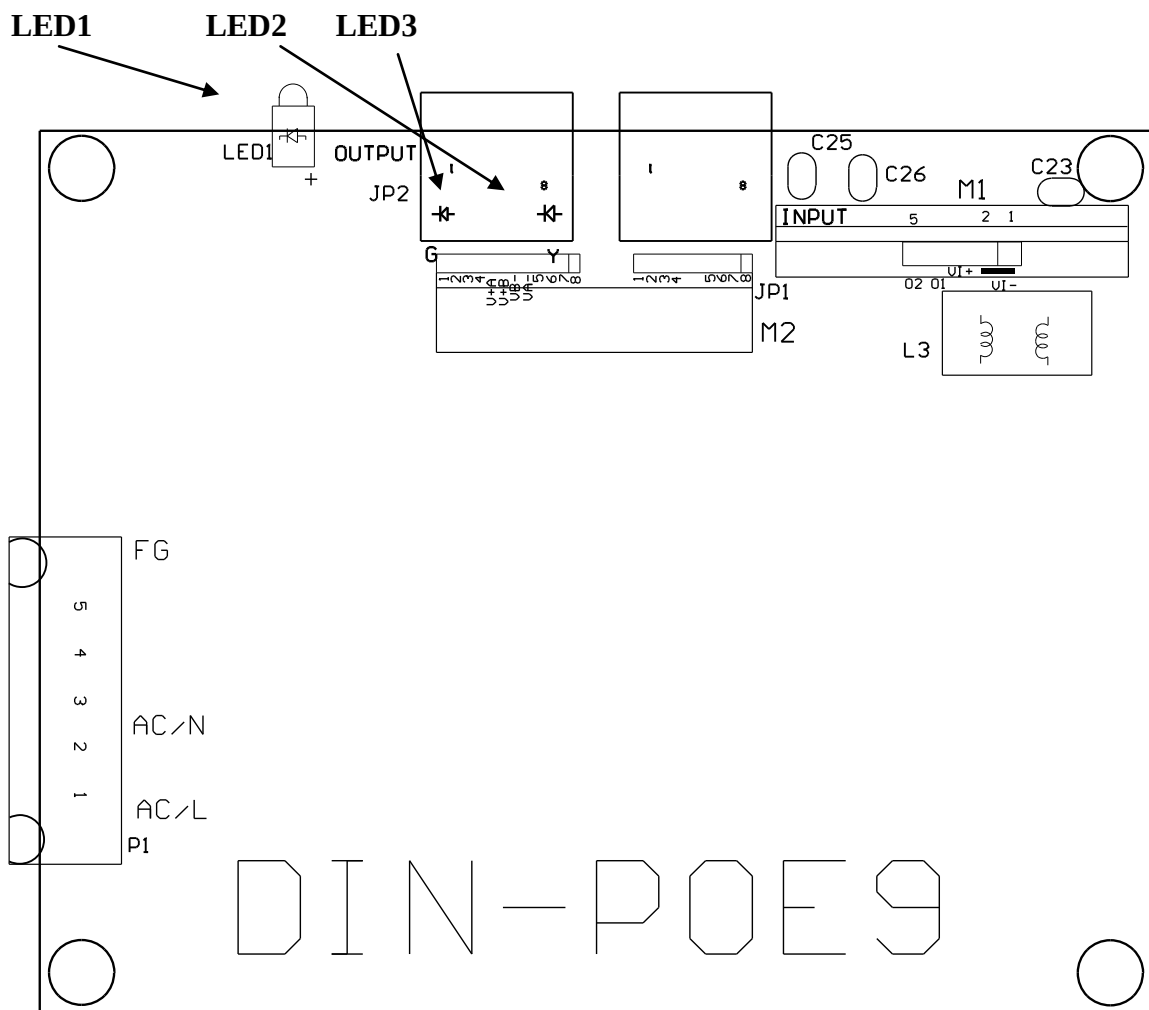
- 4.4 EMC : meet FCC Class A , EN55032 Class A
- 4.5 Over Current : 120% ~ 150% @ 100Vac~272Vac Input F.L
- 4.6 Output Over Voltage Protection : 59V ~ 61V Turn-off
- 4.7 Surge protection on data input ports: Data 5V

5.0 Indicators : (on front panel, output RJ45)

LED1 RED indicates PWR – OK

LED2 (lower) GREEN indicates POE Output –OK (45/78)

LED3 (upper) GREEN indicates POE Output –OK (12/36)





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6. GENERAL DESCRIPTION

- 6.1 Operation Temperature: -40 - +70 Degree
- 6.2 Storage Temperature: -40 - +85 Degree
- 6.3 Operation Humidity: 5% - 90%
- 6.4 Cooling: Free air cooling
- 6.5 SIZE : 46 x 125 x 102 mm(W*H*D)

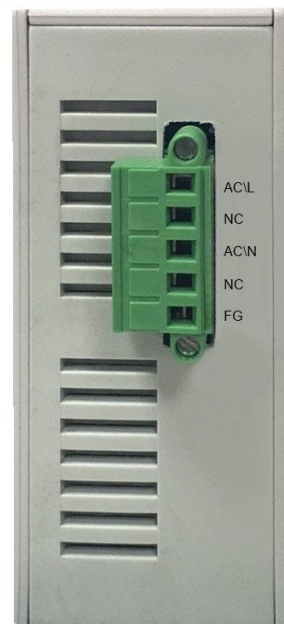
7. RJ45 pinout assignment: (10M/100M/1000M)

RJ-45 Input (Data Only)			RJ-45 Output (Data & Power)	
Pin	Symbol	Description	Symbol	Description
1	BI_DA+	Data Pair A+	-Vdc +BI_DA+	power(-)Data Pair A+
2	BI_DA -	Data Pair A-	-Vdc +BI_DA -	power(-)Data Pair A-
3	BI_DB +	Data Pair B+	+Vdc + BI_DB +	power(+)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-	+Vdc + BI_DB -	power(+)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-

Note : the model is isolated design, the output +/- or input +/- can be shorted to ground (FG).

8. CONNECTOR FIGURE:

Input: HD-515RC (P2)





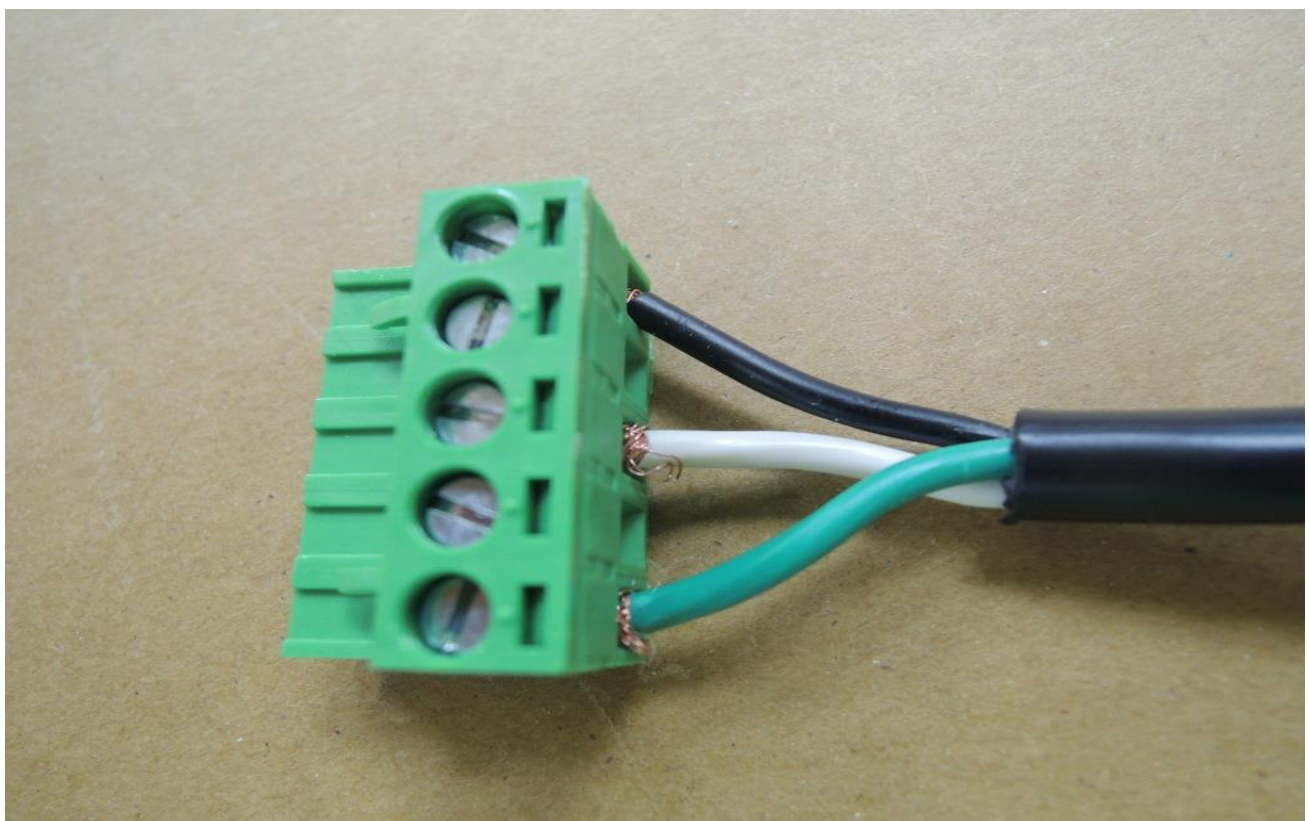
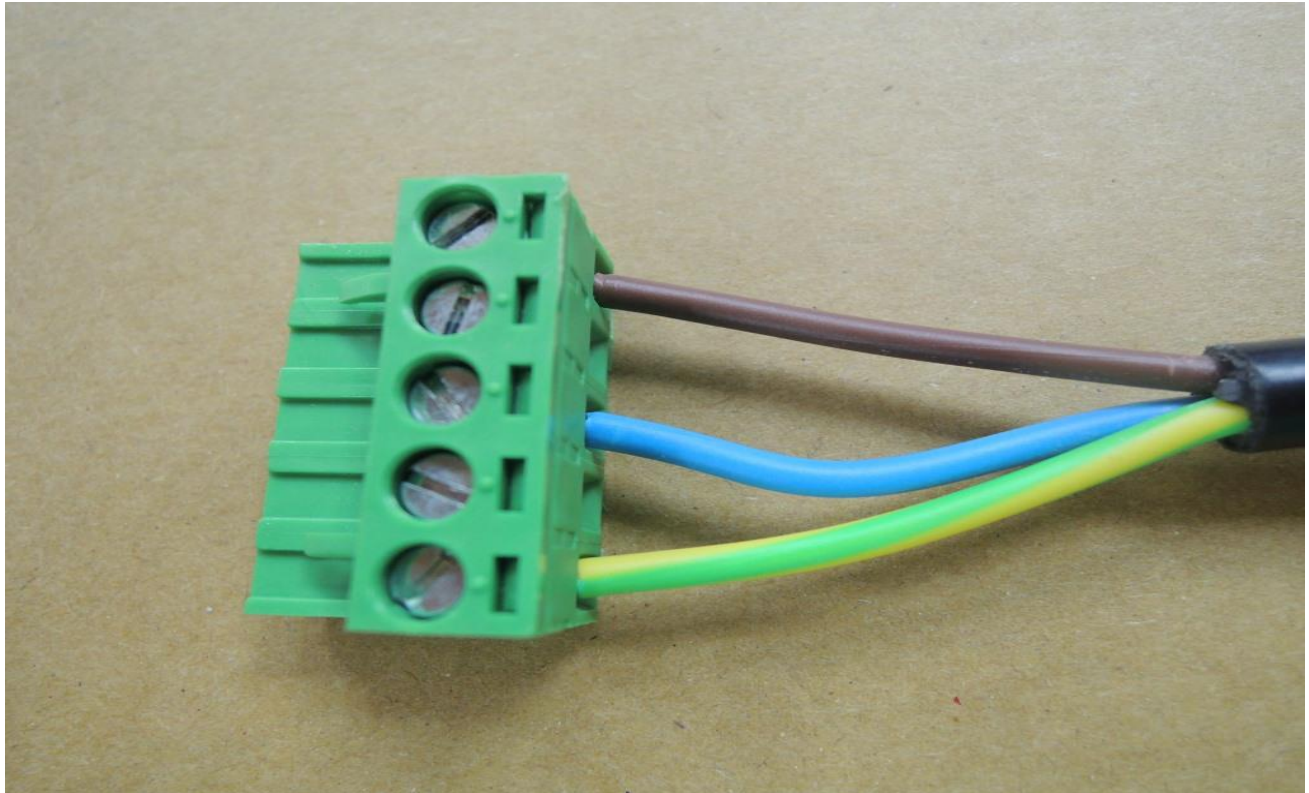
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