



MSTronic Co., Ltd.

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MIT-33G-56B1N-M12-IP67

Industrial IP67 PoE Injector

AC/DC, 5Gigabit, 802.3at

SPECIFICATION

1. INPUT :

- 1.1 Input Voltage: AC 100V ~ 240V
- 1.2 Input Frequency : 50 ~ 60hz
- 1.3 Input Current: 0.86A at 100Vac @F.L
0.38A at 240Vac @F.L
- 1.4 Inrush current: 25A Max at 120Vac & 50A Max at 230Vac

2. OUTPUT :

2.1 Output Voltage & Current:

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

TOTAL POWER : 35W

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 : 85% min. at AC 100V ~ 240V Input @F.L

4. PROTECTION

4.1 Short Circuit Protection

output Short GND Terminal will not damage the Power Supply will Auto
Recover when Load status going to normally.

4.2 Over Voltage Protection : 59V ~ 63V





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- 4.3 Over Current Limits : 802.3at Limits(~ 0.71A) @100V ~ 240Vac
- 4.4 Input with Fuse Protection
- 4.5 EMC : Meet FCC Class B EN55032 Class B
- 4.6 SAFETY STANDARD : Meet EN62368-1

5. GENERAL DESCRIPTION

- 5.1 Operation Temperature: -40C - +70C Degree
- 5.2 Storage Temperature: -40C - +85C Degree
- 5.3 Operation Humidity: 5% - 90%
- 5.4 Cooling: Free air cooling
- 5.5 Dimensions: 160*106*46(L*W*H) m/m (without bracket)



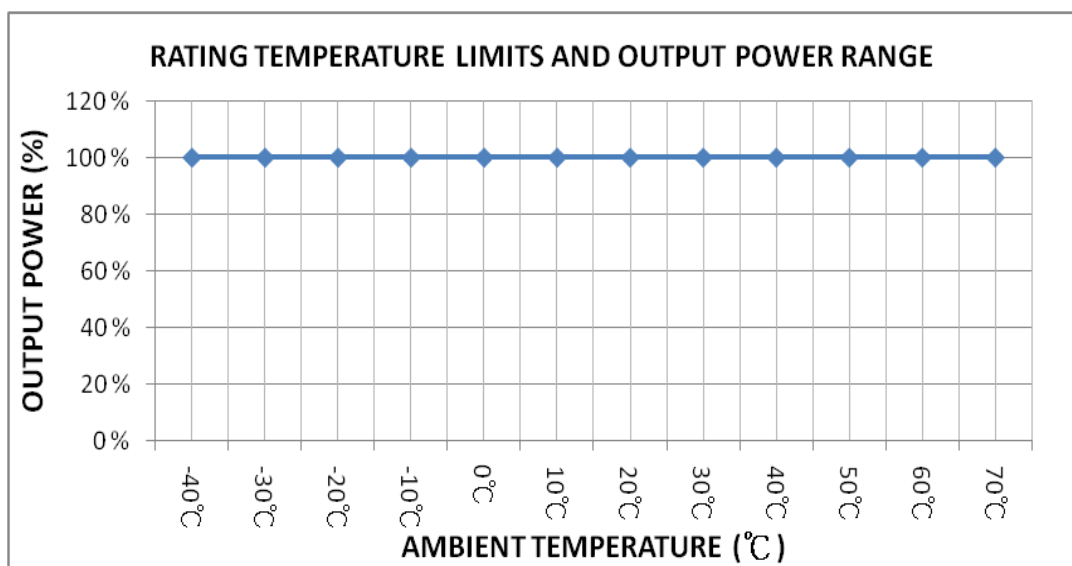
6. INDICATOR:

- 6.1 power ready: RED on

MIT-33G-56B1N

Ambient O/P Load

-40°C	100 %
-30°C	100 %
-20°C	100 %
-10°C	100 %
0°C	100 %
10°C	100 %
20°C	100 %
30°C	100 %
40°C	100 %
50°C	100 %
60°C	100 %
70°C	100 %





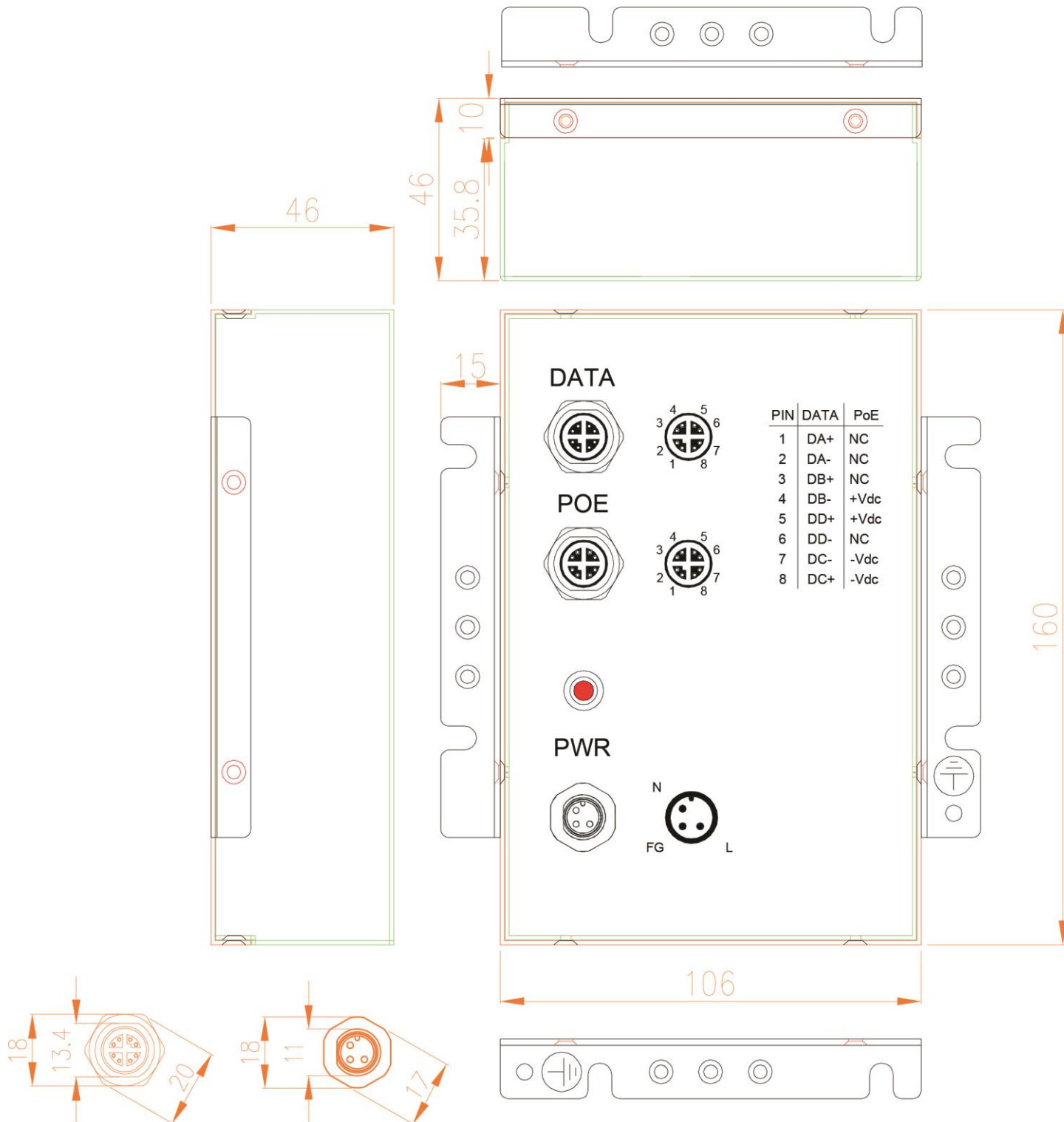
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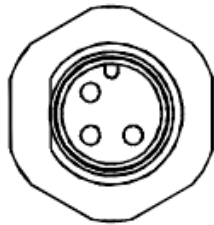
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7. Input connector

The device provides M12 A-Code 3 pin connector on the front panel for input, the pin assignments as the figure.

PWR



PIN 1	N
PIN 2	L
PIN 3	FG

8. M12 X-code jack Connected and pin out: @10/100/1000/5000MBASE)

M12 X-Code Input (Data Only)			M12 X-Code Output (Data & Power)		PIN of RJ45
Pin	Symbol	Description	Symbol	Description	Pin
1	BI_DA+	Data Pair A+	BI_DA+	Data Pair A+	1
2	BI_DA-	Data Pair A-	BI_DA-	Data Pair A-	2
3	BI_DB+	Data Pair B+	BI_DB+	Data Pair B+	3
4	BI_DB-	Data Pair B-	BI_DB-	Data Pair B-	6
5	BI_DD+	Data Pair D+	-Vdc + BI_DD+	power(-)+Data Pair D+	7
6	BI_DD-	Data Pair D-	-Vdc + BI_DD-	power(-)+Data Pair D-	8
7	BI_DC-	Data Pair C-	+Vdc + BI_DC-	power(+)+Data Pair C-	5
8	BI_DC+	Data Pair C+	+Vdc + BI_DC+	power(+)+Data Pair C+	4



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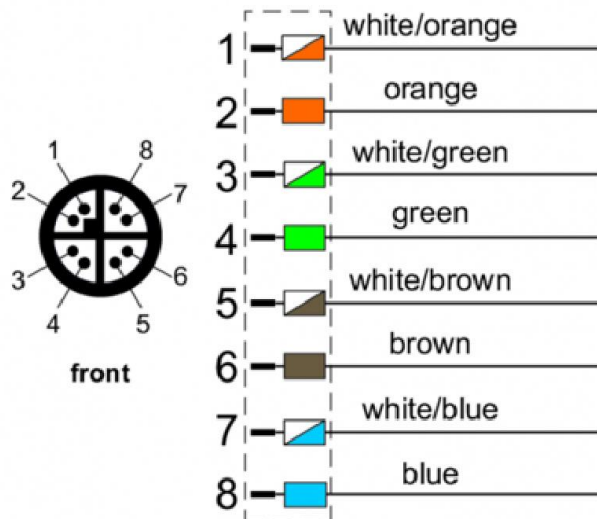
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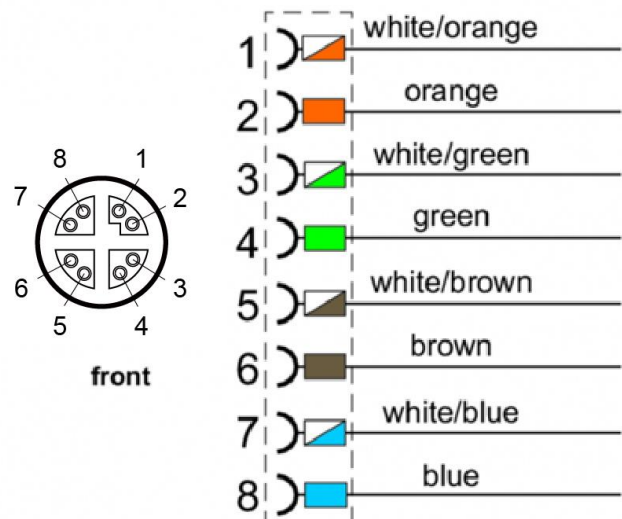
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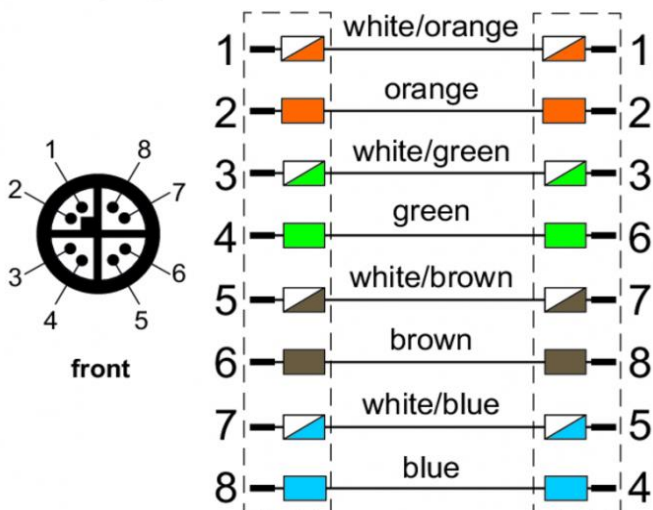
M12 plug



M12 jack



M12 plug



RJ45 plug

