



MSTronic Co.,Ltd.

2F, 12, Gongshang Rd., Wugu Dist., New Taipei City, 248, Taiwan

TEL:886-2-2293-0159 FAX:886-2-2292-8851

E.MAIL: mse@mse.com.tw

WEB: <http://www.mse.com.tw>

MIT-07-24R

AC/DC PoE Injector

SPECIFICATION

1. INPUT :

- 1.1 Input Voltage: 90Vac to 264Vac
- 1.2 Input Frequency: 47-63 hz
- 1.3 Input Current: 0.35A at 120Vac
0.25A at 230Vac

2. OUTPUT :

2.1 Output Voltage & Current:

OUTPUT	+24V
Max. load	0.8A
Power	19.2W
Min. Load	0.01A
Load reg. %	5%
Line reg. %	1%
Ripple %	1%
Noise %	1%

TOTAL POWER: 19.2W

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 , 120Vac & 230Vac 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 Over Current : 120% ~ 160% @120Vac Input F.L

4.3 High Voltage Protection: Output DC voltage over 28V will stop output.

4.4 Input with Fuse Protection.

4.5 Safety Standard : EN60950-1.

4.6 EMC: FCC Class B, EN55022 Class B



MSTronic Co.,Ltd.

2F, 12, Gongshang Rd., Wugu Dist., New Taipei City, 248, Taiwan

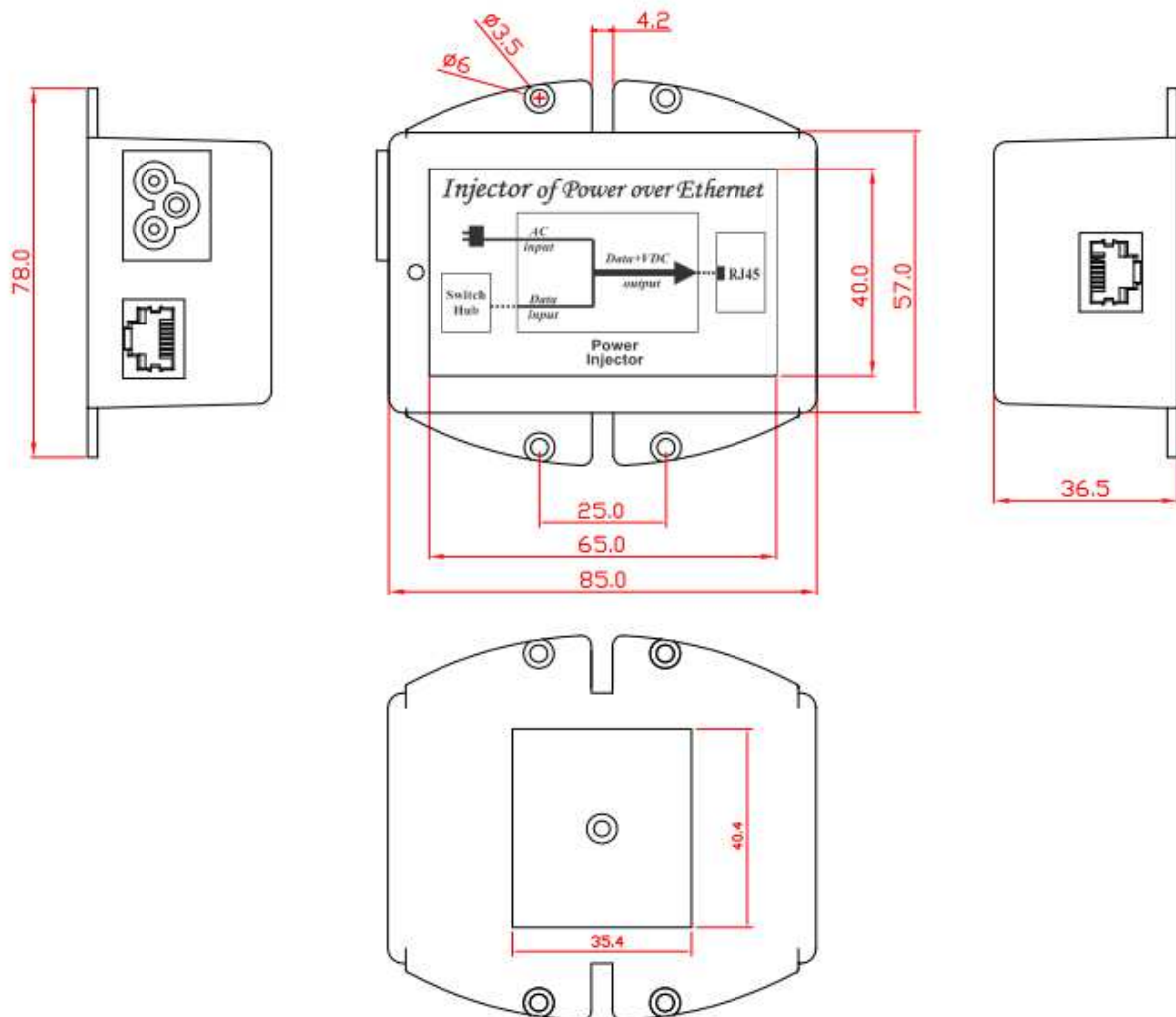
TEL:886-2-2293-0159 FAX:886-2-2292-8851

E.MAIL: mse@mse.com.tw

WEB: <http://www.mse.com.tw>

5. GENERAL DESCRIPTION

- 5.1 Operation Temperature: - 25 ~ +50 Degree
- 5.2 Storage Temperature: -40 ~ +85 Degree
- 5.3 Operation Humidity: 5% - 90%
- 5.4 Cooling: Free air cooling
- 5.5 SIZE : 85*78*36 (L)*(W)*(H) unit: m/m
- 5.6 DIN rail mountable with clip kit (option)



6. ALL MATERIALS MEET RoHS DIRECTIVE.

7. BULK PACKAGE:

One carton holds 100 pcs of MIT-07, the carton dimension is 52cm*47cm*27cm, G.W. 18 kg, the 4 feet AC cord is put separately, one carton hold 100 pcs of AC cord, G.W. 12 kg.



MSTronic Co.,Ltd.

2F, 12, Gongshang Rd., Wugu Dist., New Taipei City, 248, Taiwan

TEL:886-2-2293-0159 FAX:886-2-2292-8851

E.MAIL: mse@mse.com.tw

WEB: <http://www.mse.com.tw>

8. Indicator :

8.1 Output ready, the indicator light on GREEN.

9. CONNECTION:

RJ45 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	Feeding power(+)
8	NC	Not Connector	+Vdc	Feeding power(+)

Note :

1. DC output gnd and Vin+/- should not be shorted to ground(FG).

10 SPEC. of SURGE/LIGHTNING PROTECTION

	Signal
Operating Voltage	Data 5V
Clamping Voltage	Data 16.5V (@I PP =5A, t p =8/20μs, I/O pin to GND)
Peak Pulse Current	20A (tp=8/20μs)
Pin Protected	4 pin protected (signal pairs)
Max. Shut Capacitance	<3pF (VR = 0V, f = 1MHz, I/O pin to GND) < 1.5 pF (VR = 0V, f = 1MHz, Between I/O pins)
IEC COMPATIBILITY (EN61000-4)	IEC61000-4-2 (ESD) ±15kV (air), ±8kV (contact) IEC61000-4-4 (EFT) 40A (5/50ns) IEC61000-4-5 (Lightning) 20A (8/20μs)