



MSTronic Co., Ltd.

2F, 12, Gongshang Rd., Wugu District, 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>

SPECIFICATION

MSC-242403A

DC/DC Converter

1. INPUT :

- 1.1 Input Voltage: 9Vdc to 36Vdc
- 1.2 Input Current : 8.9A @ 9dc Vin Full Load
3.15A @ 24dc Vin Full Load
2.1A @ 36dc Vin Full Load

2. OUTPUT :

2.1 Output Voltage & Current:

OUTPUT	+24V
Max. load	3A
Power	72W max
Min. Load	0A
Load reg. %	5%
Line reg. %	1%
Ripple %	2%
Noise %	5%

TOTAL POWER :72W

3. EFFICIENCY : 90% min at input 9 ~ 36Vdc F.L

4. PROTECTION

4.1 Short Circuit Protection

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

Protection Mode is current limit: 105% ~ 130%

4.2 Input with Fuse Protection. at P.C.B

4.3 Input Reverse not damage the Power Supply PWR Turn---off

4.4 Input Over low Voltage Protection point : 7.5V ~ 8.5V

4.5 Output Over Voltage Protection: Zener Diodes 24V ~ 27V.



MSTronic Co., Ltd.

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

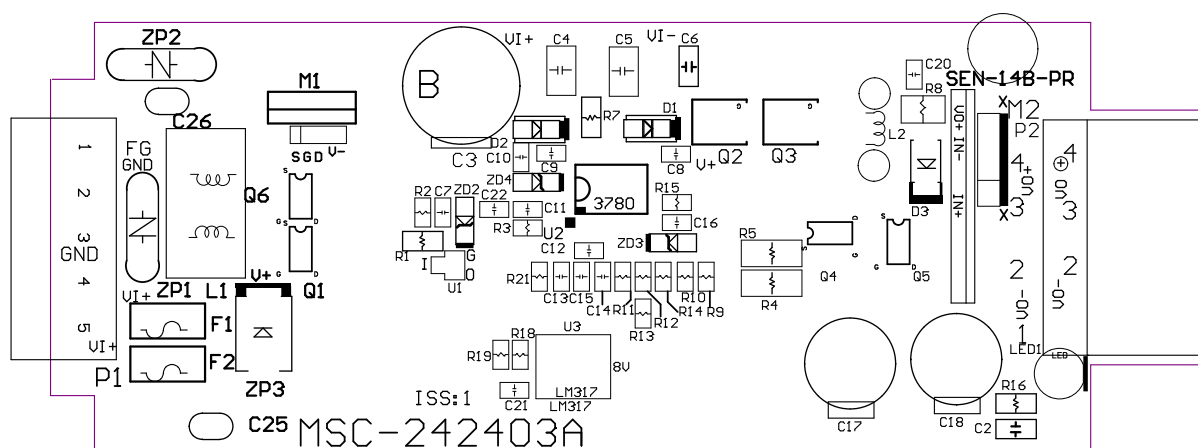
TEL:886-2-2293-0159 FAX:886-2-2292-8851

E.MAIL: mse@mse.com.tw

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

5. GENERAL DESCRIPTION

- 5.1 Operation Temperature: -40 - +70 Degree
- 5.2 Storage Temperature: -40 - +85 Degree
- 5.3 Operation Humidity: 5% - 90%
- 5.4 Cooling: Free air cooling
- 5.5 SIZE : 133*75*38 (L*D*H)m/m

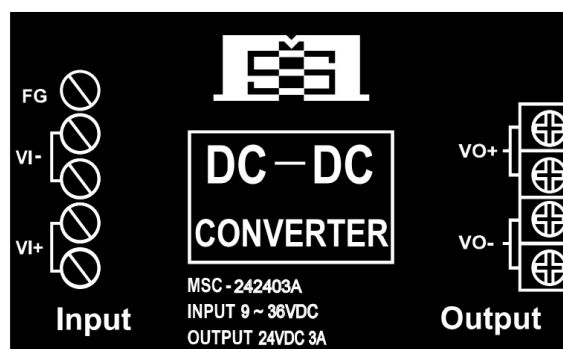


6. CONNECTION:

6.1 INPUT : HD5158C-5 (P1)

6.2 OUTPUT : HD-614 *4P

7. the model is Non-isolated design.





MSTronic Co., Ltd.

2F, 12, Gongshang Rd., Wugu District, 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>

