



## FPM-D2440

Field Power Module 24 VDC input isolated power

### Features

- 24 V<sub>DC</sub> Input
- Power redundancy
- LED indicators



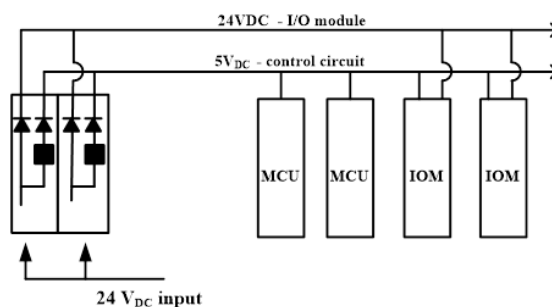
### Introduction

FPM-D2440 is the power module of the iDCS-8830 system. It supports 24 V<sub>DC</sub> power input and isolated 5V<sub>DC</sub> power output. It supplies power to communication and I/O modules. The power circuit is designed with fuse protection. The LED can be used to indicate an abnormality in the external 24 V<sub>DC</sub> voltage input or 5V<sub>DC</sub> voltage output. It also provides 3000 V<sub>DC</sub> isolation between the power supply and the backplane bus, making it better able to prevent noise interference in industrial environments without affecting the iDCS-8000 system.

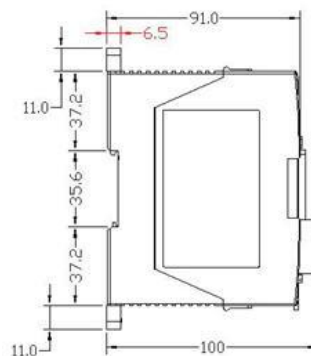
### Specifications

特色	
Voltage input	24 V <sub>DC</sub> ±20%
Voltage output	5 V <sub>DC</sub> ±2%, 24 V <sub>DC</sub> (Depending on input power source)
Current output	5 V <sub>DC</sub> : 7.5A Max. 24 V <sub>DC</sub> : 5A Max.
Insulation resistance	1000 MΩ
Isolation	1500 V <sub>DC</sub> Min.
Short protection	Yes (Continuous)
Redundancy	Yes
Certification	
Emission	IEC 61000-6-4
Immunity	IEC 61000-6-2
	IEC 61000-4-3/4-4/4-6
	IEC 61000-4-9
	IEC 61000-4-10
	IEC 61000-4-12
General	
Operating Temperature	-25 ~ 75 °C
Storage Temperature	-30 ~ 80 °C
Humidity	5 ~ 95 % RH, Non-condensing
Dimensions (WxLxH)	30mm x 85mm x 115mm

### Internal I/O Structure



### Dimension (unit: mm)



### Ordering Information

FPM-D2440 CR	Field Power Module 24 V <sub>DC</sub> input (RoHS)
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