

FSP250-52FGB

FEATURES

- Certified CB 62368-1 & CB 60950-1
- DC -24V input
- Cable Management
- Design for 5,000 Meter above sea level
- High Reliability
- Low Ripple & Noise
- Over Current Protection
- Over Temperature Protection
- Over Voltage Protection



SAFETY STANDARD APPROVAL



DESCRIPTION

FSP250-52FGB is an industrial level of switching power supply. The power supply comes to offer DC -18V to -36V range input which can be powered by battery or DC source, and provides easy-swap cable management features. The total power capacity up to 250 Watts, which makes it to be perfectly used in an industrial environment. In addition, the power supply is ideally the best choice for production line processing machine or any other automation applications to use. The product also complies with the latest safety and EMC standards, which is perfectly to meet various regulations worldwide.

GENERAL SPECIFICATIONS

Dimension (L x W x H): 150 x 81.5 x 40.5 (mm)
5.9 x 3.21 x 1.59 (inch)

Efficiency: 80% at full loading

Hold-up time at full load: ≥ 2 ms with -24Vdc

Operating altitude: 5,000 meters above sea level

Environment

Working temperature: 50°C

Storage temperature: -20°C to + 80°C

Working humidity: 85% RH non-condensing

Storage humidity: 95% RH non-condensing

MTBF: 100,000 hours of continuous operation at 25°C, Max.-output load

Applications: Workstation, IPC Controller

INPUT SPECIFICATIONS

Input voltage: -18Vdc to -36Vdc

Input current: -24Vdc @ 18.0A

OUTPUT RATING

Outputs	+3.3V	+5V	+12V	-12V	+5Vsb
Max. current	10.0A	14.0A	18.0A	0.3A	2.5A
Min. current	0.0A	0.0A	0.05A	0.0A	0.0A
Regulation	$\pm 5\%$	$\pm 5\%$	$\pm 5\%$	$\pm 10\%$	$\pm 5\%$
Ripple/Noise	50 mV	50 mV	120 mV	120 mV	50 mV

The +3.3V and +5V total output shall not exceed 80W

250W FLEX 24Vdc Input

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MECHANICAL SPECIFICATIONS

UNIT: mm [inch]

