

FSP500-50RDB



FEATURES

- Certified CB 62368-1 & CB 60950-1
- Meet 80 Plus Bronze
- Hot Swappable Modules
- 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

FSP500-50RDB is a standard 1U Redundant switching power supply. The power supply comes to offer the total power capacity up to 500 Watts, which makes it to be perfectly used in an industrial environment. In addition, the power supply is ideally the best choice for IPC controller, workstation, communication 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):	260 x 106 x 41.3 (mm) 10.24 x 4.17 x 1.62 (inch)	Environment	
Efficiency:	80 Plus Bronze	Working temperature:	0°C to 50°C
Hold-up time:	115V / 60Hz: ≥ 16ms 230V / 50Hz: ≥ 16ms	Storage temperature:	-20°C to + 80°C
Operating altitude:	5,000 meters above sea level	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 ,Storage System ,IPC Controller

INPUT SPECIFICATIONS

Input voltage:	90-264Vac
Input frequency:	47-63Hz
Input current:	115Vac @ 6A, 230Vac @ 3A

OUTPUT RATING

Outputs	+3.3V	+5V	+12V	-12V	+5Vsb
Max.	20.0A	20.0A	41.67A	0.5A	2.0A
Min.	0.0A	0.0A	0.1A	0.0A	0.0A
Regulation	±5%	±5%	±5%	±10%	±5%
Ripple/Noise	50 mV	50 mV	120 mV	120 mV	50 mV

The Max. total DC output power should net exceed 500W
The +3.3V and +5V total output shall not exceed 103W

MECHANICAL SPECIFICATIONS

UNIT: mm [inch]

