

# FSP400-50UDB

### FEATURES

- Certified CB 62368-1 & CB 60950-1
- Meet 80 Plus Gold
- Design for 5,000 Meter above sea level
- High Reliability
- Low Ripple & Noise
- Over Current Protection
- Over Voltage Protection



### SAFETY STANDARD APPROVAL



### DESCRIPTION

FSP400-50UDB is a standard 1U form factor switching power supply. The power supply comes to offer the total power capacity up to 400 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): | 190 x 100 x 40.5 (mm)<br>7.49 x 3.94 x 1.6 (inch) | Environment   | Working temperature: 0°C to 50°C<br>Storage temperature: -20°C to + 80°C<br>Working humidity: 85% RH non-condensing<br>Storage humidity: 95% RH non-condensing |
| Efficiency:            | 80 Plus Gold                                      | MTBF:         | 100,000 hours of continuous operation at 25°C, Max,-output load  |
| Hold-up time:          | 115V / 60Hz: ≥ 13ms<br>230V / 50Hz: ≥ 17ms        | Applications: | Workstation ,Storage System ,IPC Controller  |
| Operating altitude:    | 5,000 meters above sea level                      |               |  |

### 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 | -5V*   |
|--------------|-------|-------|--------|--------|-------|--------|
| Max.         | 14.0A | 16.0A | 33.0A  | 0.3A   | 3.0A  | 0.1A   |
| Min.         | 0.0A  | 0.0A  | 0.05A  | 0.0A   | 0.0A  | 0.0A   |
| Regulation   | ±5%   | ±5%   | ±5%    | ±10%   | ±5%   | ±10%   |
| Ripple/Noise | 50 mV | 50 mV | 120 mV | 120 mV | 50 mV | 100 mV |

The +3.3V and +5V total output shall not exceed 85W

\* -5V is optional

**MECHANICAL SPECIFICATIONS**

UNIT: mm [inch]

