**FSP180-50FGNBI(M)**

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

**DESRIPTION**

FSP180-50FGNBI(M) is an industrial level of switching power supply. The power supply comes to offer the total power capacity up to 180 Watts, and provides easy-swap cable management features, which makes it to be perfectly used in an industrial environment. In addition, the power supply is ideally the best choice for server, 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):** 150 x 81.5 x 40.5 (mm) 5.9 x 3.21 x 1.59 (inch)
- **Efficiency:** Minimum 72%
- **Hold-up time:** 115V / 60Hz: ≥ 16ms 230V / 50Hz: ≥ 16ms
- **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**

<table>
<thead>
<tr>
<th>Outputs</th>
<th>+3.3V</th>
<th>+5V</th>
<th>+12V</th>
<th>-12V</th>
<th>+5Vsb</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. current</td>
<td>8.0A</td>
<td>12.0A</td>
<td>12.0A</td>
<td>0.3A</td>
<td>2.0A</td>
</tr>
<tr>
<td>Min. current</td>
<td>0.0A</td>
<td>0.2A</td>
<td>0.05A</td>
<td>0.0A</td>
<td>0.0A</td>
</tr>
<tr>
<td>Regulation</td>
<td>±5%</td>
<td>±5%</td>
<td>±5%</td>
<td>±10%</td>
<td>±5%</td>
</tr>
<tr>
<td>Ripple/Noise</td>
<td>50 mV</td>
<td>50 mV</td>
<td>120 mV</td>
<td>120 mV</td>
<td>50 mV</td>
</tr>
</tbody>
</table>

The +3.3V and +5V total output shall not exceed 61W
MECHANICAL SPECIFICATIONS

UNIT: mm [inch]