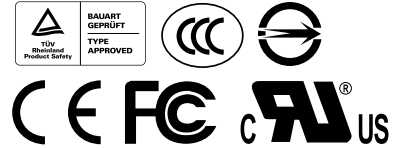


ACE-R4140AP 400 W ATX Mini Redundant Power Supply

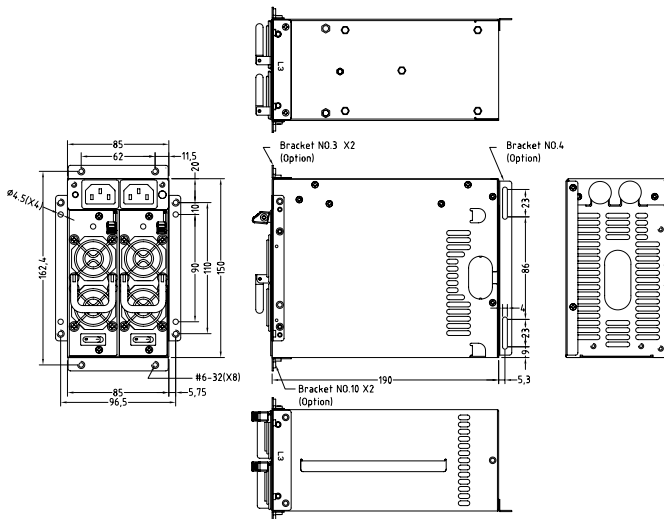
PFC



Features

1. Active power factor correction
2. Remote DC sense on +5V and +3.3V
3. Short circuit protection
4. Overcurrent protection
5. Overvoltage protection
6. Over power protection
7. MTBF > 100,000 hours
8. Compact size module design
9. Power fault alarm signals
10. Front panel LED to indicate power status
11. For 90 VAC - 240 VAC full range
12. Vertical and horizontal type available

Dimensions



Specifications

| Input | Voltage | 90 ~ 264 VAC Full Range | | |
|--|---|-------------------------------------|----------|----------------|
| | Frequency | 47 Hz~ 63 Hz | | |
| Input Current | 8 A(RMS)@ 100 VAC | | | |
| | 4 A(RMS)@ 240 VAC | | | |
| Inrush Current | 80 A Max for 100 VAC | | | |
| | 12 0 Max for 240 VAC | | | |
| Output | Voltage | Min.load | Max.load | Ripple & Noise |
| | +5 V | 2 A | 25 A | 50 mV P-P |
| | +12 V | 2.5 A | 30 A | 120 mV P-P |
| | -12 V | 0.1 A | 0.8 A | 120 mV P-P |
| | +3.3 V | 2 A | 25 A | 50 mV P-P |
| | +5 Vsb | 0.1 A | 2 A | 50 mV P-P |
| +5 V, +12 V total current not exceed 150 W | | | | |
| +3.3 V, +5 V, +12 V total current not exceed 440 W | | | | |
| Over-voltage protection | +5 V output 5.7 V ~ 6.5 V | | | |
| | +12 V output 13.3 V ~ 14.5 V | | | |
| | +3.3 V output 3.9 V ~ 4.5 V | | | |
| Over Circuit protection | +5 V output 10.5 V ~ 12.5V | | | |
| | +12 V output 25.2 V ~ 30 V | | | |
| | +3.3 V output 6.93 V ~ 8.25 V | | | |
| Short Circuit protection | +3.3 V, +5 V, +12 V Shut down and latch off | | | |
| General Specification | Hold up time | 17 ms Min. | | |
| | Efficiency | 65 % Min | | |
| | MTBF | 100,000 hours on max load at +25 °C | | |
| | Temperature | Operating : 0 °C~ 50 °C | | |
| | | Storage : -40 °C~ 70 °C | | |
| | Dimensions | 150 x 85 x 190 (mm) | | |
| Output connector | 20+4PIN ATX x1, 4PIN 12V CPU x1, HDD/ CDROM x8, FDD x2, SATA x2, Buzzer Reset x1, T.T.L signal x1, LED power x1 | | | |

Ordering Information

| Part No. | Description |
|-----------------|--|
| ACE-R4140AP-RS | 400W Mini Redundant ATX Power Supply, with PFC |
| ACE-R4140AP1-RS | 400W AC-DC ATX Redundant module, for ACE-R4140AP, with PFC |

1 Industrial Computing Solutions

2 Embedded Computing Solutions

3 RISC-Based Embedded Solutions

4 Industrial Data Collector/ Server Solutions

5 Industrial Data Collection

6 I/O Communication Solutions

7 Panel Solutions

8 Power Supply/ Network Communication/ Peripherals