

ACE-R4140AP

400 W ATX Mini Redundant Power Supply

PFC



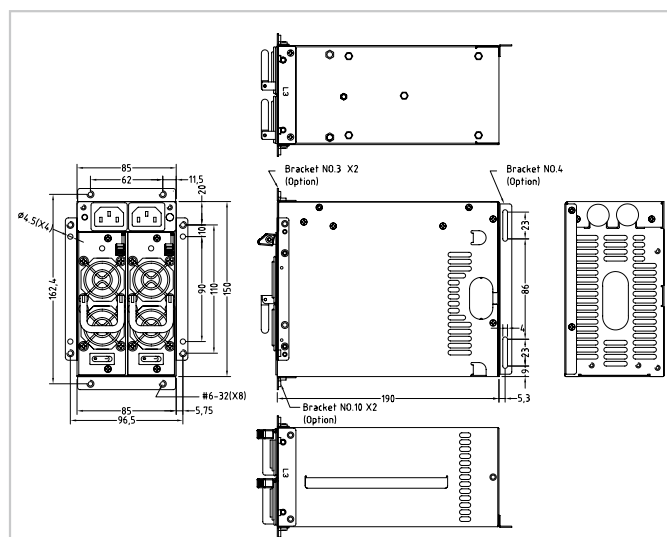
Specifications

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, +12V 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		

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



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

Industrial Data Collector and Controller

4

Video Capture Solutions

5

I/O Communication Solutions

6

Panel Solutions

7

ORing Network Communication

8

Power Supply/Peripherals