

CPCI SERIES 200 Watts, Quad Outputs AC-DC Converter



- CompactPCI AC-DC Converter
- 200Watts, 3U X 8HP X 160mm
- Internal OR-ing diodes for N+1 Redundancy & Hot Swappable
- Droop Current Sharing
- Conforms to EN55022B and FCC Class B
- 3.7 W/Cu. In. High density

Models:
C4200R-3E
C4200R-3H

ELECTRICAL SPECIFICATIONS

PARAMETERS

Input Voltage
Input Frequency
Input Current
Inrush Current
Efficiency
Circuit
Rated Output
Output Voltage Adj.
Hold-up Time
Transient Response

LIMITS

90-264Vac
47-63Hz
2.3A@115Vac/1.2A@230Vac
< 30.6A@230Vac
76-79%typical
130Khz Forward Circuit
See Model Selector
Available at VO1, VO2 & VO3
10mS@115 & 230Vac.
Output returns to reg. Band in less than 3mS after 25% load change

PARAMETERS

Ripple & Noise
Power Limiting

Overvoltage Protection
Operating Temperature
Storage Temperature
Cooling
Temperature Coefficient
Leakage current to Gnd.
Weight

LIMITS

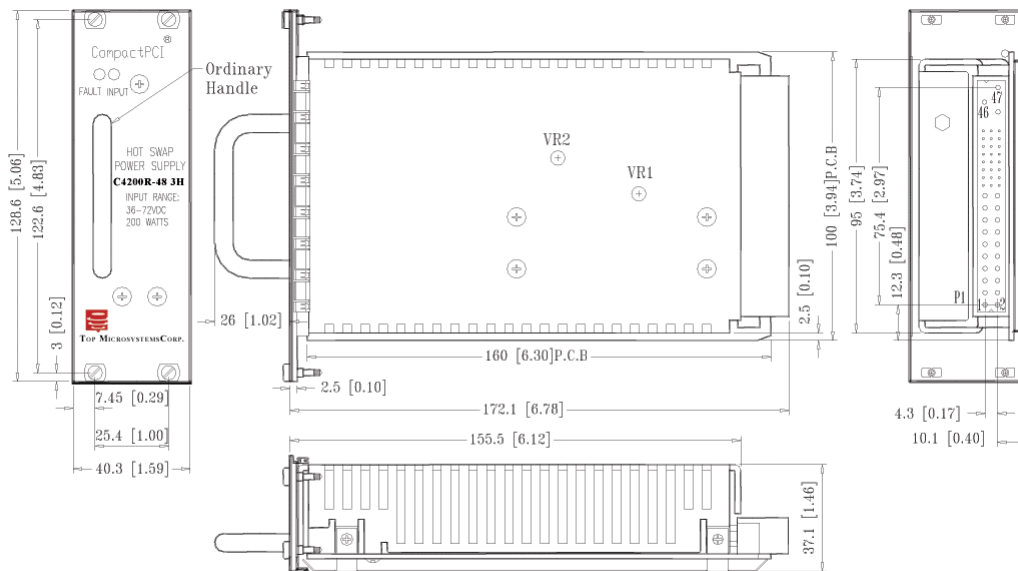
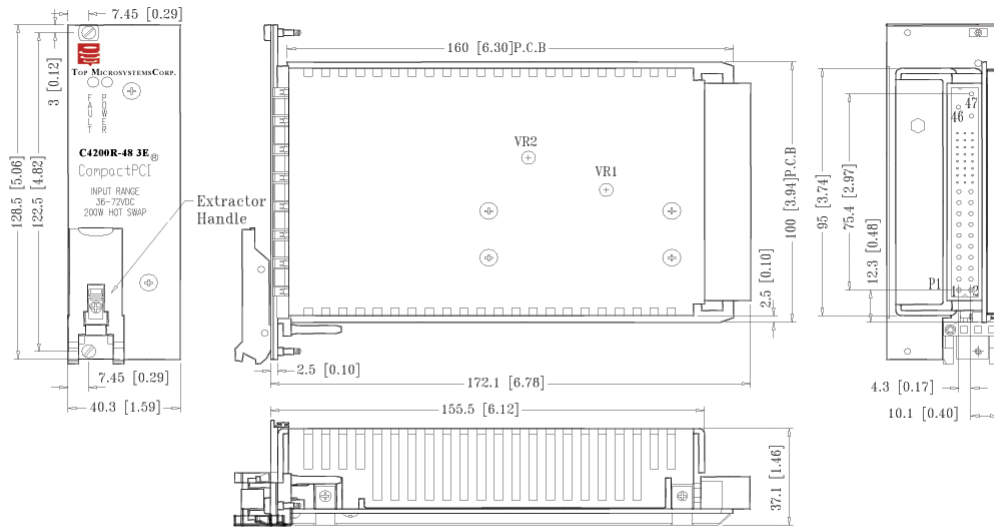
1.0% Peak-Peak
Fully protected against output overload and short circuit
Built-in at all outputs
0°C to +50°C at full load
-40°C to +85°C
20 CFM direct forward air flow
±0.04%/°C
0.5mA @ 230Vac
666.0g (23.5 Oz)

MODEL SELECTOR

MODEL NUMBER	OUTPUT SET	OUTPUT VOLTAGE	OUTPUT CURRENT	LINE REGULATION	LOAD REGULATION
C4200R-3E	Main VO1	+5.0V	25.0A	0.1%	+/- 2.0%
	Aux. VO2	+3.3V	10.0A Max.20A	0.1%	+/- 2.0%
	Aux. VO3	+12.0V	3.0A	0.1%	+/- 2.0%
	Aux. VO4	-12.0V	0.5A	0.1%	+/- 2.0%
C4200R-3H	Main VO1	+5.0V	25.0A	0.1%	+/- 2.0%
	Aux. VO2	+3.3V	10.0A Max.20A	0.1%	+/- 2.0%
	Aux. VO3	+12.0V	3.0A	0.1%	+/- 2.0%
	Aux. VO4	-12.0V	0.5A	0.1%	+/- 2.0%

MECHANICAL SPECIFICATION

DIMENSION: MM [INCH]



Top Part number	DC INPUT			QUAD OUTPUT								STATUS/CONTROL				
	ASSIGNMENT	P(+)	M(-)	Gnd.	VO1	VO1S+	VO1S-	VO2	VO2S+	VO3	VO3S+	VO4	DC COM	EN#	DEG#	INH#
PIN No.	46	47	45	1,2,3,4	30	34	13,14,15,16,17,18	33	20	36	21	5,6,7,8,9,10,11,12,19,24	27	38	39	42

Mating connector: PCIH47F400A1