

cPCI Series
250 Watts, Quad Output
AC-DC Power Supply
with PFC



- CompactPCI Power Supply
- 250Watts, 3U X 8HP X 160mm
- Universal AC input voltage with PFC
- Internal ORing diodes for N+1 Redundancy & Hot-Swappable
- Third-wire Current Sharing
- Conforms to EN55022 and FCC Class A
- 4.58 Watts/Cu. In. High density

Models:
C4250R 3E
C4250R 3H

ELECTRICAL SPECIFICATIONS

PARAMETERS

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

LIMITS

90-264Vac
 47-63Hz
 3.0A@115Vac/1.5A@230Vac
 < 60A peak @230Vac
 75% typical
 120KHz Forward Circuit typical
 See Model Selector
 Available at VO1, VO2 & VO3
 5mS after power fail signal.
 Output returns to reg. Band in less than 2mS after 25% load change
 VO1/VO2 +10%

PARAMETERS

Ripple & Noise
 Power Limiting
 Overvoltage Protection
 Operating Temperature
 Storage Temperature
 Cooling
 Temperature Coefficient
 Leakage current to Gnd.
 Weight
 Power Factor
 Adjustability

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
 ±0.02%/°C
 1mA @ 230Vac
 666.0g (23.5 Oz)
 0.95
 VO1/VO2/VO3 +/-6%

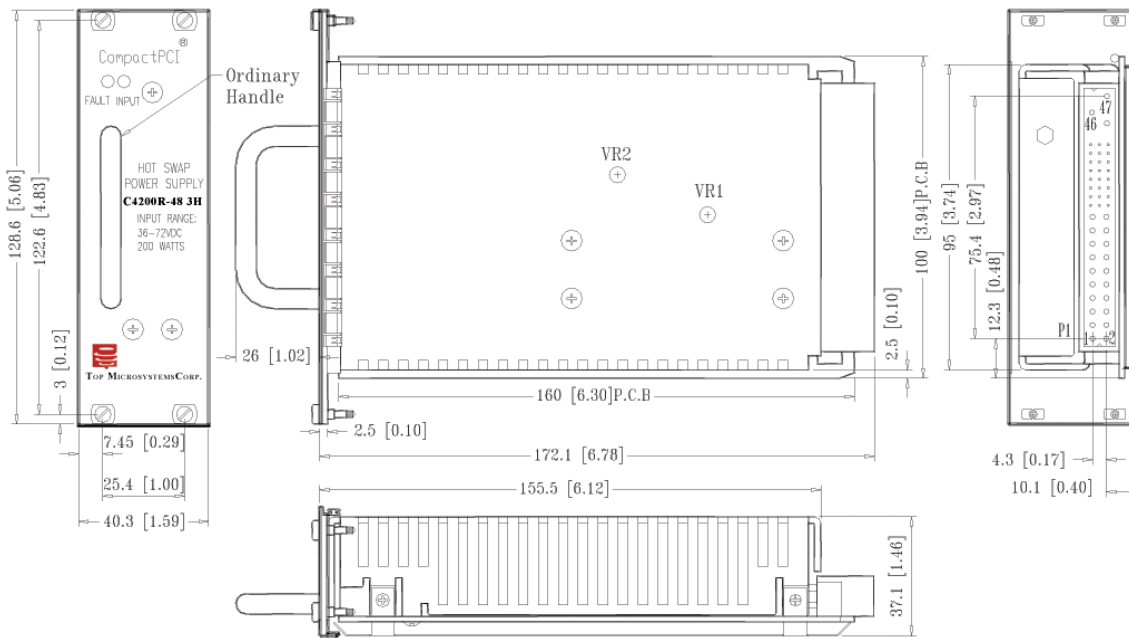
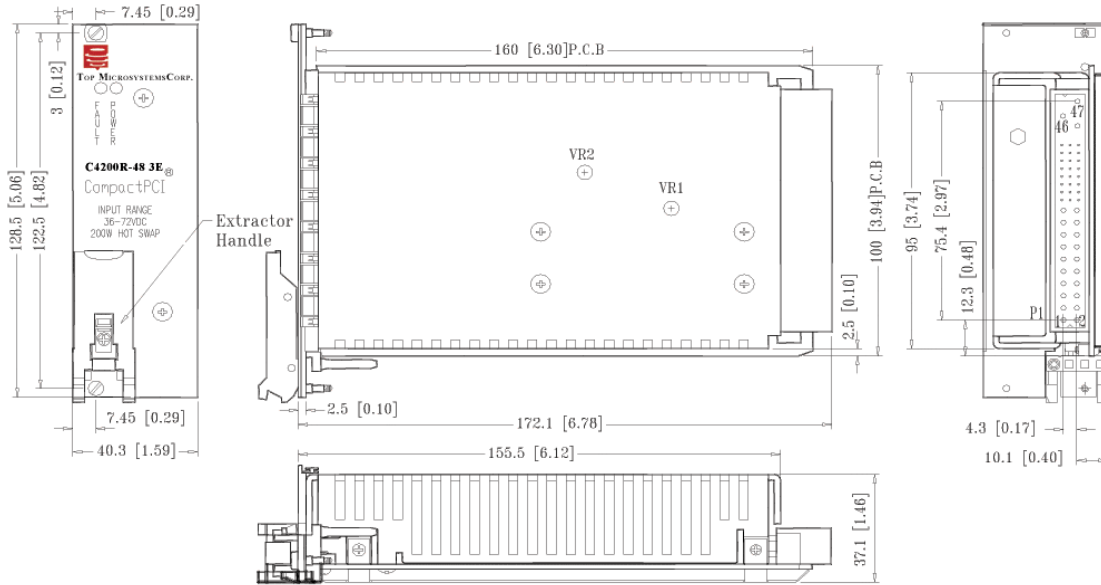
MODEL SELECTOR

QUAD OUTPUT

MODEL NUMBER	OUTPUT SET	OUTPUT VOLTAGE	OUTPUT CURRENT	LINE REGULATION	LOAD REGULATION
C4250R 3E	Main VO1	+5.0V	25.0A Max.33A	0.1%	+/- 2.0%
	Aux. VO2	+3.3V	18.0A Max 33A	0.1%	+/- 2.0%
	Aux. VO3	+12.0V	5.0A PK. 6A	0.1%	+/- 2.0%
	Aux. VO4	-12.0V	0.5A PK. 6A	0.1%	+/- 2.0%
C4250R 3H	Main VO1	+5.0V	25.0A Max.33A	0.1%	+/- 2.0%
	Aux. VO2	+3.3V	18.0A Max 33A	0.1%	+/- 2.0%
	Aux. VO3	+12.0V	5.0A PK. 6A	0.1%	+/- 2.0%
	Aux. VO4	-12.0V	0.5A PK. 6A	0.1%	+/- 2.0%

MECHANICAL SPECIFICATION

DIMENSION: MM [INCH]



ACP200/ENP	AC INPUT			QUAD OUTPUT								STATUS/CONTROL				
ASSIGNMENT	AC-L	AC-N	AC-G	VO1	VO1S+	VO1S-	VO2	VO2S+	VO3	VO3S+	VO4	DC COM	EN#	DEG#	INH#	FAL#
PIN No.	47	46	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