

C4400R-48 6E
400Watts, Quad Outputs
DC-DC Converter

- CompactPCI DC-DC Converter
- 400Watts, 6U X 8HP X 160mm
- Internal OR-ing diodes for N+1 Redundancy & Hot Swappable
- Third-Wire Current Sharing
- Conforms to EN55022B and FCC Class B
- 4.01 W/Cu. In. High density

C4400R-48 6E

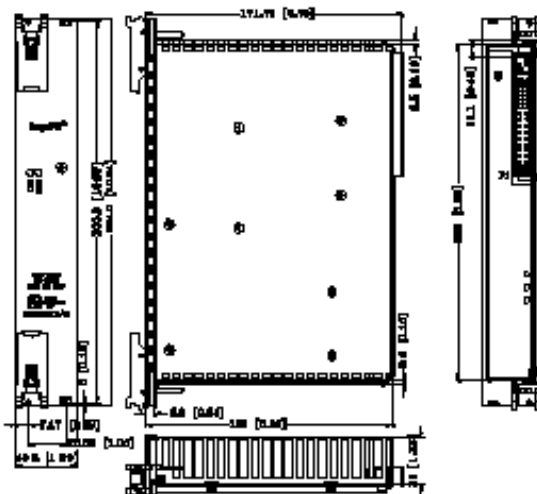


ELECTRICAL SPECIFICATIONS

PARAMETERS	LIMITS
Input Voltage	36-72Vdc
Input Current	7.2A@48V dc
Inrush current	Typ. 11.8A @ nominal 48Vdc
Efficiency	80% typical
Circuit	120khz forward circuit
Rated Output	See Model Selector
Output Voltage Adj.	Available at VO1, VO2, VO3
Transient Response	Typical 0.1S following 25% load change

PARAMETERS	LIMITS
Ripple & Noise	1.0% Peak-Peak or 50mV, which is greater
Power Limiting	Fully protected against output overload and short circuit
Overvoltage Protection	Built-in @ VO1, VO2 & VO3
Operating Temperature	0 to +50°C
Storage Temperature	-40°C to +85°C
Cooling	20 CFM moving air is required.
Weight	1.42Kg (3.13 lb.)

MECHANICAL SPECIFICATION



DIMENSION: MM [INCH]

PIN ASSIGNMENT

Quad	Pin #
+Vin	46
-Vin	47
Gnd.	45
VO1	1,2,3,4
VO1 S+	30
S. RTN	34
Adj.	29
C.S.	35
VO2	13,14,15,16,17,18
VO2 S+	33
Adj.	32
C.S.	41
VO3	20
VO3 S+	36
C.S.	44
VO4	21
DC COM.	5,6,7,8,9,10,11,12,19,24
EN#	27
LE-G#	38
Signal RTN	22
#NH	39
#AL	42

Mating connector: PCIH47F400A1

MODEL SELECTOR

QUAD OUTPUT

MODEL NUMBER	OUTPUT SET	OUTPUT VOLTAGE	OUTPUT CURRENT	LINE REGULATION	LOAD REGULATION
C4400R-48 6E	Main VO1	+5.0V	40.0A Max.55A	0.1%	+/- 0.5-1.0%
	Aux. VO2	+3.3V	20.0A Max.55A	0.1%	+/- 0.5-1.0%
	Aux. VO3	+12.0V	10.0A Pk. 15A	0.1%	+/- 1.0-4.0%
	Aux. VO4	-12.0V	3.0A Pk. 5A	0.1%	+/- 1.0-4.0%