

C4300R SERIES
300 Watts, Quad Outputs
AC-DC Power Supplies

- CompactPCI AC-DC Power supplies
- 300Watts, 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
- 2.70 W/Cu. In. High density



ELECTRICAL SPECIFICATIONS

PARAMETERS

Input Voltage
 Input Current
 Inrush current
 Efficiency
 Circuit
 Rated Output
 Output Voltage Adj.
 Transient Response

LIMITS

90-264Vac
 4.0A@115Vac/2.0A@230Vac
 Typ. 30A @ 230Vac
 80-83% typical
 120khz forward circuit
 See Model Selector
 Available at VO1, VO2, VO3
 Peak transient less than 200mV & returns to within 1% less than 250uS for 25% load-change

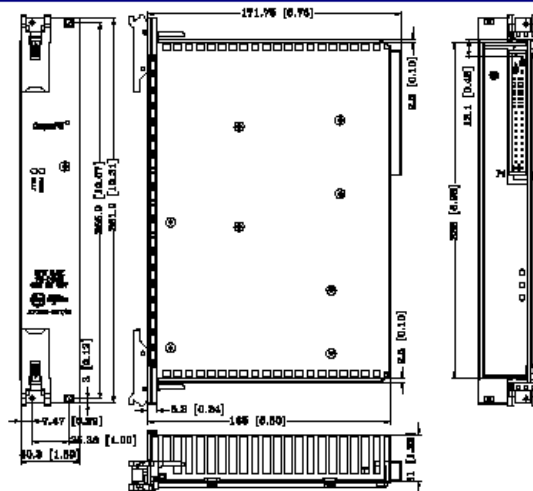
PARAMETERS

Ripple & Noise
 Power Limiting
 Overvoltage Protection
 Operating Temperature
 Storage Temperature
 Cooling
 Safety standard
 Weight

LIMITS

1.0% Peak-Peak or 50mV, which is Greater
 Fully protected against output overload and short circuit
 Built-in @ VO1, VO2 & VO3
 0 to +50°C
 -40°C to +85°C
 20CFM moving air is required.
 IEC60950 Class I
 1.7kg (3.75 lb.)

MECHANICAL SPECIFICATION **DIMENSION: MM [INCH]**



PIN ASSIGNMENT

Quad	Pin #
AC-N	46
AC-L	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
DEG#	38
Signal RTN	22
#INH	39
#FAL	42

Mating connector: PCIH47F400A1

MODEL SELECTOR

QUAD OUTPUT

MODEL NUMBER	OUTPUT SET	OUTPUT VOLTAGE	OUTPUT CURRENT				LINE REGULATION	LOAD REGULATION
			Min.	Typ.	Max.	Pk.		
C4300R 6E	Main VO1	+5.0V	2A	20.0A	35A	---	0.1%	+/- 0.5-1.0%
	Aux. VO2	+3.3V	0A	20.0A	25A	---	0.1%	+/- 0.5-1.0%
	Aux. VO3	+12.0V	0A	10.0A	12A	15A	0.1%	+/- 1.0-3.0%
	Aux. VO4	-12.0V	0A	0.8A	1A	1.5A	0.1%	+/- 1.0-3.0%