



FEATURES

6U x 8TE x 160 mm
INPUT : 85 - 264 Vac / 100-380Vdc
OUTPUT : 3V3, 5V, +12V, -12V
POWER : 250W
Efficiency : 77 % typ.
VME 64X compatible

APPLICATIONS

Industrial applications.

INPUT

Voltage range : 85 - 264Vac, 47-63Hz / 100-380Vdc
Power Factor Correction : active PFC, EN61000-3-2 and MIL-STD-461 CE101 compliant
Input protection : fuse 5A
transient and surges protected

OUTPUT

Voltage : V4 : 3V3 / 15A, V1 : + 5V / 40A (V1 +V4 do not exceed 200W)
V2 : +12V / 2A, V3 : - 12V / 2A

	OUTPUT		Conditions
	Typ.	Max.	
Line regulation	0,02 %	0,2 %	Low line to high line ; full load
Load regulation	0,06 %	1,6 %	No load to full load
Ripple and noise	0,5 %	1 %	Peak to peak, nom. Input ; full load
Current limit	115 % of I nominal		Vout = 95% of nominal ; Automatic restart
Short circuit current	115 % of I nominal		Vout < 250mV ; Automatic restart

SIGNALS

Input OK :	Led
Output OK :	Led for each output
Powergood :	Relay contacts (closed and opened see J3 below)
VME signals :	AC Fail and SYSRESET
ON /OFF :	ON when PIN 20 connected to 0V common

ENVIRONMENTAL

Storage temperature :	-20°C to +100°C
Operating temperature :	-20°C to 55°C ambient, forced air, nominal power

ISOLATION

Input to chassis :	1500 Vrms or 2121 Vdc
Input to Output :	3000 Vrms or 4242 Vdc
Output to Chassis :	>100 Mohms at 500 Vdc

GENERAL

Safety :	built to meet EN60950
EMI :	built to meet MIL-STD-461D , conducted.

PST20

MECHANICALS

J1 : DIN 41612 H15

PIN	DESCRIPTION
PIN 4 to 10	+ 5V
PIN 12	+ Sense 5V
PIN 14	- Sense 5V
PIN 10	+ 5V
PIN 16 to 24	0V common
PIN 26 to 30	+ 3V3
PIN 32	+ Sense 3V3



J2 : DIN 41612 H15

PIN	DESCRIPTION
PIN 4	+ 12V
PIN 6	0V
PIN 8	- Sense 12V
PIN 10	+ Sense -12V
PIN 12	- Sense -12V
PIN 14	- 12V
PIN 16	AC Fail
PIN 18	SYSRESET
PIN 20	ON/OFF (ON when connected to 0V common)
PIN 22 to 26	NC
PIN 28	AC/L
PIN 30	AC/N
PIN 32	Ground



J3 : SUBD 9pts Female

PIN	DESCRIPTION
PIN 1	Open if PGood OK
PIN 2	Common
PIN 3	Closed if PGood OK

