



FEATURES

3U*8TE*160 mm
Vin : 90-264Vac ou 100-350Vdc
5 Outputs
Pout max : 220W
Compac PCI Format
RoHS compliant



APPLICATIONS

Defence, Industrial and hard environment applications

INPUT

Voltage range : 90-264Vac ou 100-350Vdc Frequency : 47 - 440 Hz
PFC EN61000-3-2, stanag 1008
Input protection : Transient and surges MIL-STD461 CS101, CS114, CS116
Overcurrent: by Fuse

OUTPUT

Voltage : V1 : 12V / 3A (8,33A max) V4 : 5V / 10A
 V2 : -12 / 2A V5 : 15V / 2A
 V3 : 3V3/ 10A
Power : 220W at 70°C with fan cooled 2m/s.
 75W at 70°C , convection cooled
Current limit, short circuit : protected on every output
Overvoltage : protected on every output

	V 1, V2, V3, V4, V5		Conditions
	Typ.	Max.	
Line regulation	+/- 0,2 %	+/-1 %	Low line to high line ; full load
Load regulation	+/- 0,4 %	+/- 1 %	0 % to full load
Ripple and noise	0,5 %	2 %	Peak to peak - Bandwidth 20MHz according to o/p voltage
Current limit	115 % of I nom.	135 % of I nom.	Vout = 95% of nominal ; Automatic restart

SIGNALS

Output DC OK : open collector closed is OK, (PG-H, PG-L).
Output adjust : factory adjustable by internal resistor
ON/OFF : ON if closed to 0V
OFF if left open

ENVIRONMENTAL

Storage temperature : -40°C to +100°C
Operating temperature : -40°C to +85°C, ambient
External air forced 2m/s min. Derating 2,5W/°C 115Vac T°>55°C
75W max at 70°C, convection
Mechanical, shock, acceleration : built to meet MIL-STD-810E

EMI / EMC

MIL-STD-461E

built to meet CE101 limit Fig. CE101-4, CE102 limit Fig. CE102-1,

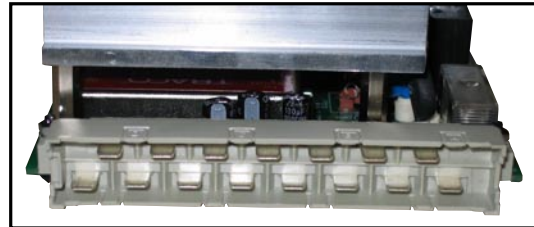
ISOLATION

Input to Chassis : 2121 Vdc or 1500Vrms without Y capacitor
Input to Output : 1500 Vdc or 3000Vrms without Y capacitor
Output to Signal : 600 Vdc
Input to Signal : 600 Vdc
Output to Chassis : 750Vdc

GENERAL

Safety : built to meet EN60950

MECHANICALS



DIN41612 H15

J1	DESCRIPTION
4	AC/L or +Vin
6	AC/N or -Vin
8	Earth
10	ON/OFF
12	+12V
14	0V
16	-12V
18	0V
20	+5V
22	0V
24	+3V3
26	PG-H
28	PG-L
30	+15V
32	0V15

MECHANICALS

