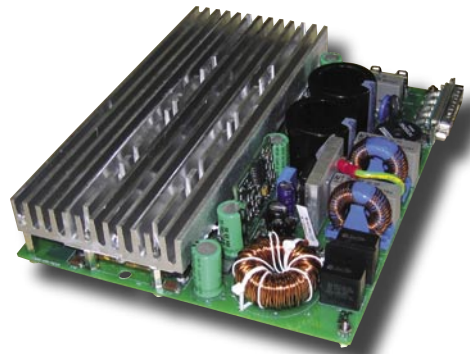




FEATURES

200 x 160 x 38 mm
Vin : 90-264Vac
5 Outputs
Pout max : 350W
Fan cooled 2m/s min.
RoHS compliant



APPLICATIONS

Industrial and hard environment

INPUT

Voltage range : 90-264Vac Frequency : 47 - 440 Hz
Input protection : Transient and surges MIL-STD461 CS101, CS114, CS116
Overcurrent: by Fuse

OUTPUT

Voltage : V1 : 28,5Vuns / 3,1A V4 : 3,45V / 21,8A
 V2 : 28.5Vswi / 4A V5 : 12,3V / 6,1A
 V3 : 5,25V / 20A
Power : 350W at 65°C with fan cooled 2m/s. Derating 2,5W/°C at 115Vac when T°>40°C
Current limit, short circuit : protected on every output
Overvoltage : protected on every output
V2, V3, V4, V5 are switched outputs

	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 %	1,5 % V4 = 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 uns and output DC OK swi : open collector closed is OK, 30mA max.
Output adjust : by internal resistor from 100 to 110 % of Vnom. (internal)
Shutdown for V2, V3, V4, V5 : V2, V3, V4, V5 are established if +INH is between 3 and 30V
V2, V3, V4, V5 are inhibit if +INH is between 0 and 1V

ENVIRONMENTAL

Storage temperature : -40°C to +100°C
Operating temperature : -40°C to +65°C, ambient external air forced 2m/s min.
Derating 2,5W/°C at 115Vac when T°>40°C
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

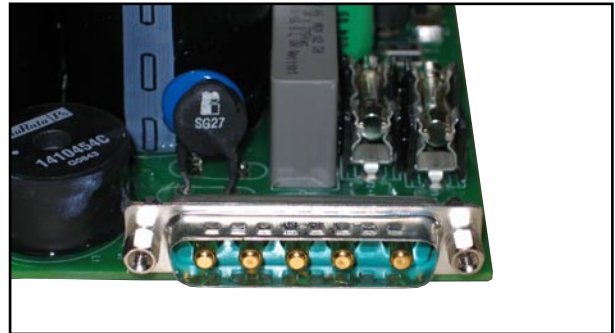
GENERAL

Safety : built to meet EN60950

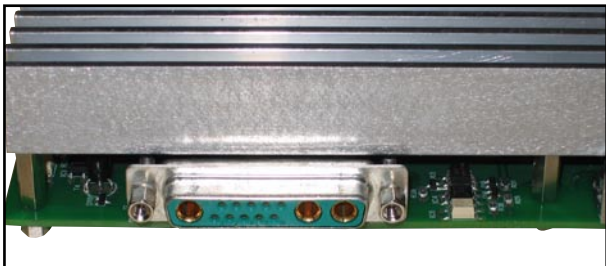
MECHANICALS

Weight : 1,4 Kg +/-0,50 g

INPUT : 5 points D sub with 5 male contacts 40A



J1	DESCRIPTION
A4	Line
A2	Neutral
A5	Earth
A1	NC
A3	NC



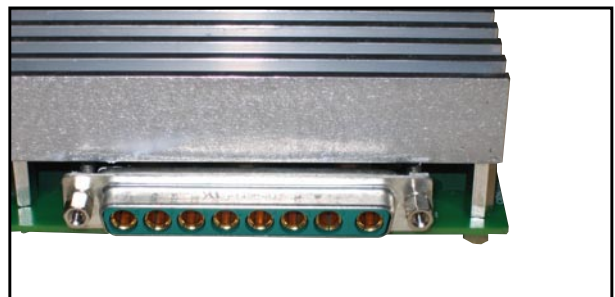
OUTPUT&SIGNALS:

13 points D sub with 3 female contact 40A

J2	DESCRIPTION
A1	0V
A2	+28,5swi
A3	+28,5uns
1	NC
2	+INH
3	-DC OK uns
4	NC
5	NC
6	NC
7	-INH
8	+DC OK uns
9	+ DC OK swi
10	-DC OK swi

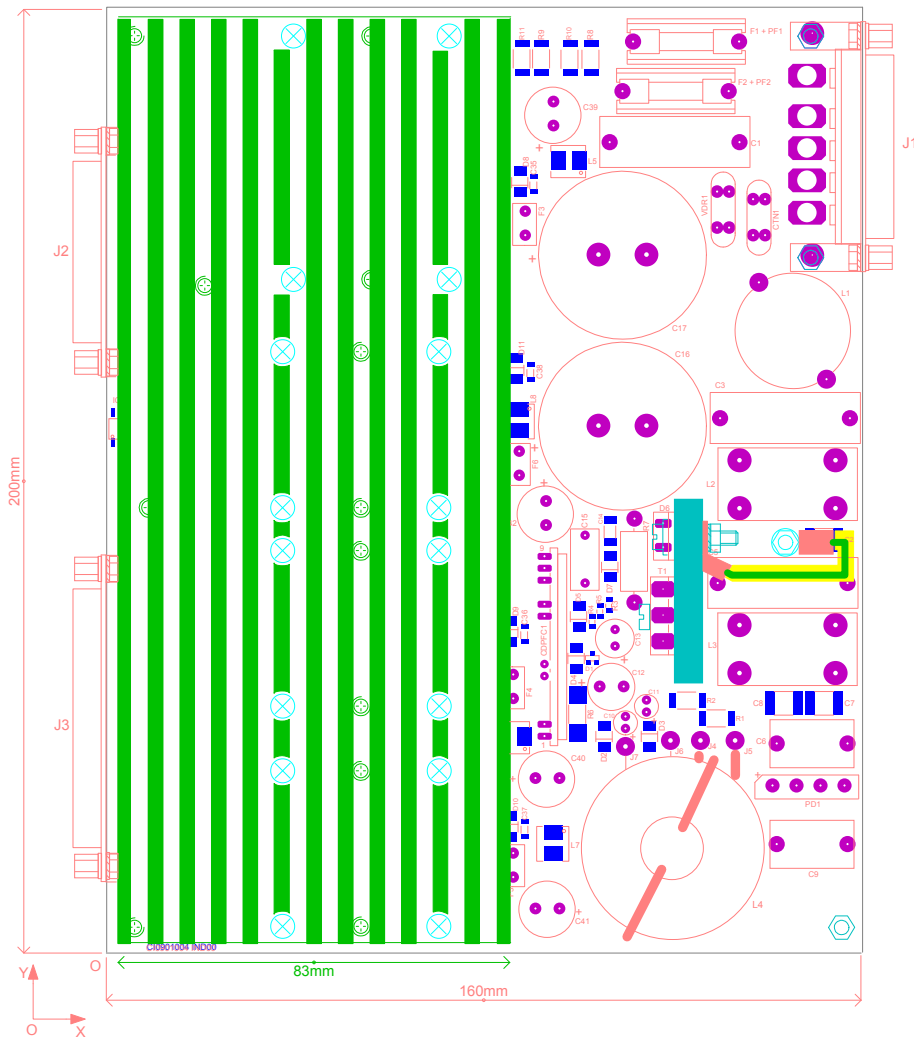
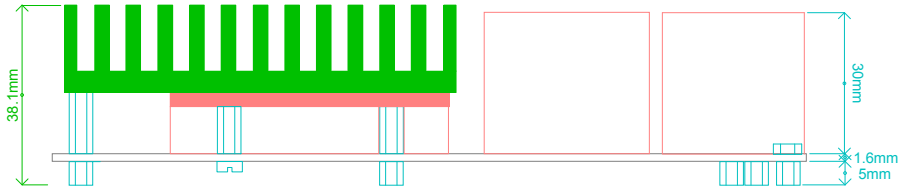
OUTPUT :

8 points D sub with 8 female contact 40A



J3	DESCRIPTION
A1	+3,45V
A2	0V
A3	0V
A4	0V
A5	+5,25V
A6	0V
A7	0V
A8	+12,3V

MECHANICALS



11 FIXING POINTS M3

X	Y
6,00	5,50
9,00	94,50
6,00	194,50
70,50	5,70
70,50	85,40
70,50	127,60
72,70	194,50
144,10	87,50
149,40	147,50
149,40	194,50
156,00	5,50