FEATURES

380 x 158 x 47 mm
INPUT : 90-264Vac
OUTPUT : 145W
5 outputs + 2 12V fan
Very low output noise
Overvoltage protection
Power Good system
Over temperature protected
Efficiency : 60 % typ.

APPLICATIONS

Satellite communication amplifier

INPUT

Voltage range : 90-264Vac 47-63Hz

Nominal : 115 / 230Vac

Input protection : fuse 4A
transient and surges protected

OUTPUT

Voltage :

V1	+ 5V / 10A		V2	- 5V / 0,5A
V3	+ 8V / 4A		V4	+24V / 0,5A
V5	+12V / 4A			

	OUTPUT		Conditions
	Typ.	Max.	
Line regulation	0,02 %	0,2 %	Low line to high line ; full load
Load regulation	0,5 %	1 %	No load to full load
Ripple and noise	< 2mVpp	< 2,5mVpp	Peak to peak, nom. Input ; full load
Current limit	V1, V3,V5 : 105 to 140 % of Iout max. V2 : 1A V4 : 2,4A		Vout = 95% of nominal ; Automatic restart
Short circuit current	V1, V3,V5 : 115 % of Iout max. V2 : 1A V4 : 2,4A	V1, V3,V5 : 140 % of Iout max. V2 : 1,2A V4 : 2,6A	Vout < 250mV ; Automatic restart

SIGNALS

Power Good output : V1 to V5 + fan control signal

open collector output

Inhibit input

ENVIRONMENTAL

Storage temperature : -40°C to +70°C

Operating temperature : -10°C to +55°C ambiant, forced air, Nominal Power

ISOLATION

Input to chassis : 1500 Vrms or 2120 Vdc

Input to Output : 3000 Vrms or 4242 Vdc

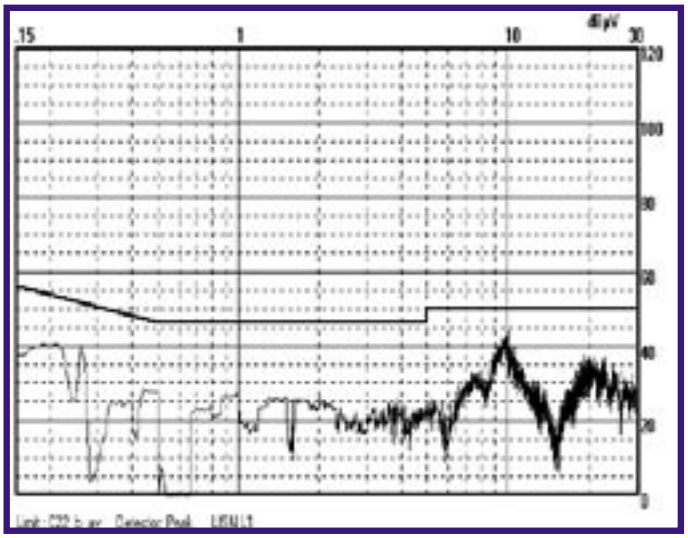
Output to Chassis : >10 Mohms at 500 Vdc

GENERAL

Safety : built to meet EN60950

EMI : built to meet EN55022B, conducted.

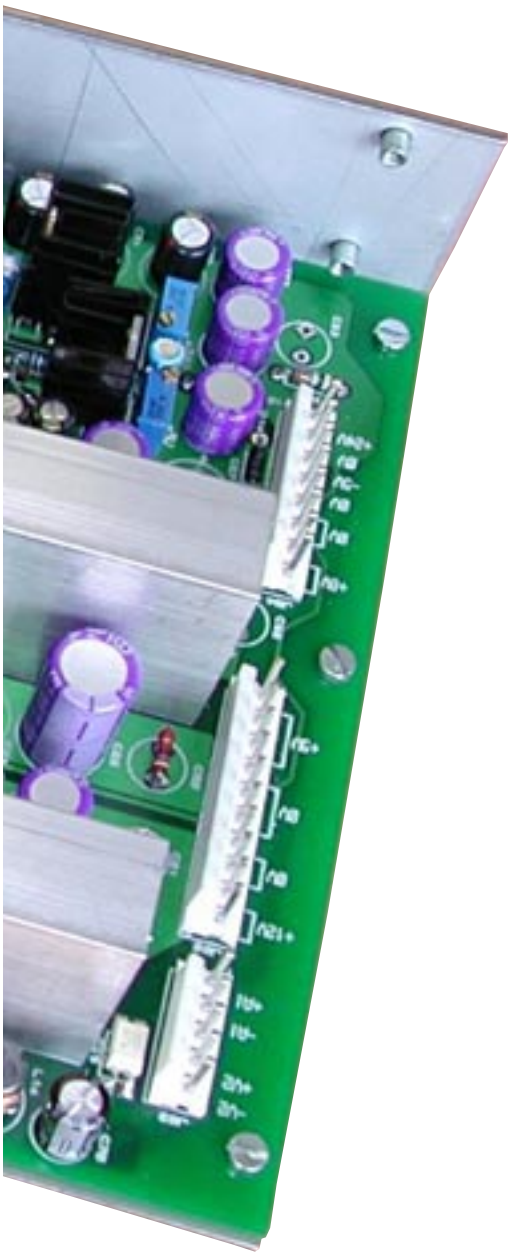
EMI



MECHANICALS

INPUT : J01 - male header AMP MTA.156” 6pts

PIN	DESCRIPTION
1	GROUND
2	NC
3	AC/N
4	AC/L
5	INHIBIT
6	INHIBIT



OUTPUT : J02 - male header AMP MTA.156” 10pts

PIN	DESCRIPTION
1 to 3	+5V
4 to 8	0V
9 to 10	+12V

OUTPUT : J03 - male header AMP MTA.156” 5pts

PIN	DESCRIPTION
1	Alarm +
2	Alarm -
3	NC
4	+ FAN 2
5	- FAN 2

OUTPUT : J04 - male header AMP MTA.156” 8pts

PIN	DESCRIPTION
1	+24V
2	0V
3	-5V
4 to 6	0V
7 to 8	+8V