



**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.	
<b>Line regulation</b>	0,02 %	0,2 %	Low line to high line ; full load
<b>Load regulation</b>	0,5 %	1 %	No load to full load
<b>Ripple and noise</b>	< 2mVpp	< 2,5mVpp	Peak to peak, nom. Input ; full load
<b>Current limit</b>	V1, V3,V5 : 105 to 140 % of Iout max. V2 : 1A V4 : 2,4A		Vout = 95% of nominal ; Automatic restart
<b>Short circuit current</b>	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 ambient, forced air, Nominal Power

**ISOLATION**

Input to chassis : 1500 Vrms or 2120 Vdc

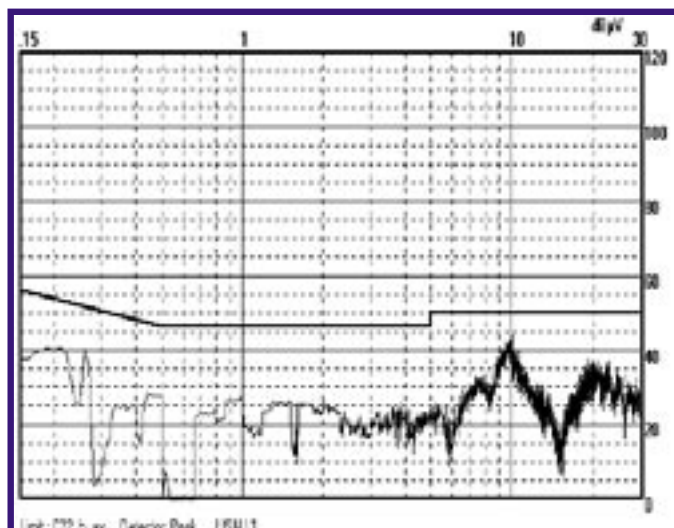
Input to Output : 3000 Vrms or 4242 Vdc

Output to Chassis : >10 Mohms at 500 Vdc

**GENERAL**

Safety : built to meet EN60950

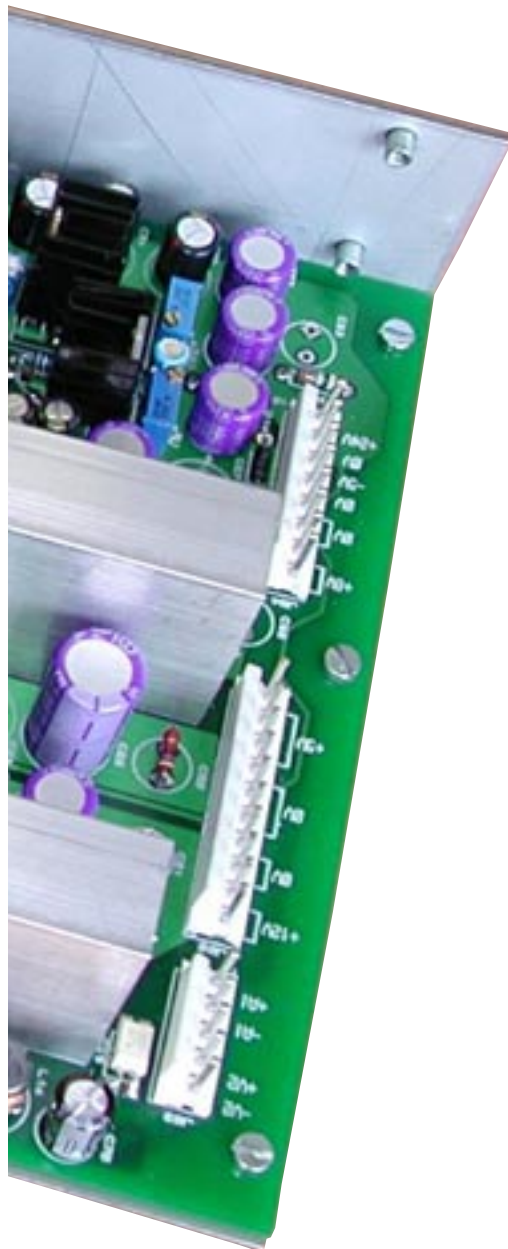
EMI : built to meet EN55022B, conducted.

**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