



FEATURES

310 x 170 x 80,5 mm

INPUT : 110Vdc

OUTPUT : 24Vdc 800W (1000W peak)

Efficiency : 84 % typ.



APPLICATIONS

Fan cooled PSU for embedded railways application

INPUT

Voltage range : 77-132Vdc
Undervoltage turn-on : 77V
Overvoltage turn-off : 133V
Input protection : fuse 16A
transient and surges protected

OUTPUT

Voltage : 24Vdc nominal

Current : 33 A nominal

	OUTPUT		Conditions
	Typ.	Max.	
Line regulation	0,02 %	0,2 %	Low line to high line ; full load
Load regulation		0,2 %	No load to full load
Ripple and noise	0,5 %	1 %	Peak to peak, nom. Input ; full load
Current limit	105 to 135 % of I nominal		Vout = 95% of nominal ; Automatic restart
Short circuit current	115 % of Iout nominal		Vout < 250mV ; Automatic restart

ENVIRONMENTAL

Storage temperature :	-25°C to +85°C
Operating temperature :	-20°C +60°C ambient, fan cooled
Overtemperature protection :	95°C typ. Baseplate ; Automatic restart

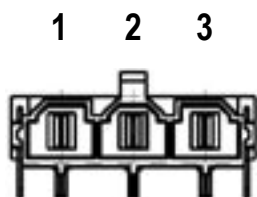
ISOLATION

Input to chassis :	1500 Vrms
Input to Output :	2500 Vrms
Output to Chassis :	> 100 Mohms at 500Vdc

GENERAL

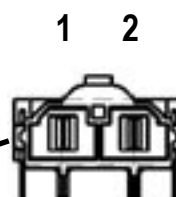
Safety :	built to meet EN60950
EMI :	built to meet EN55022A, EN50155, conducted

MECHANICALS



INPUT : MOLEX 42820-3222

PIN	DESCRIPTION
1	INPUT +
2	GROUND
3	INPUT -



OUTPUT : MOLEX 42820-2222

PIN	DESCRIPTION
1	OUTPUT -
2	OUTPUT +