



### 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.	
<b>Line regulation</b>	0,02 %	0,2 %	Low line to high line ; full load
<b>Load regulation</b>		0,2 %	No load to full load
<b>Ripple and noise</b>	0,5 %	1 %	Peak to peak, nom. Input ; full load
<b>Current limit</b>	105 to 135 % of I nominal		Vout = 95% of nominal ; Automatic restart
<b>Short circuit current</b>	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

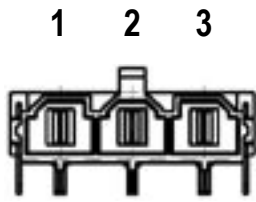
## ISOLATION

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

## GENERAL

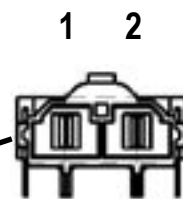
<b>Safety :</b>	<b>built to meet EN60950</b>
<b>EMI :</b>	<b>built to meet EN55022A, EN50155, conducted</b>

**MECHANICALS**



**INPUT : MOLEX 42820-3222**

PIN	DESCRIPTION
1	INPUT +
2	GROUND
3	INPUT -



**OUTPUT : MOLEX 42820-2222**

PIN	DESCRIPTION
1	OUTPUT -
2	OUTPUT +