



FEATURES

3U x 14TE x 160 mm
Input : 110 Vdc
Output : 12Vdc 300W
Efficiency : 86 % typ.

APPLICATIONS

Railways and industrial applications.

INPUT

Voltage range : 77-144Vdc
Undervoltage turn-on : 75V
Overvoltage turn-off : 145V
Input protection : fuse
transient and surges protected

OUTPUT

Voltage : 12Vdc nominal Trim range : 11,5-13Vdc
Current : 25A nominal

	OUTPUT		Conditions
	Typ.	Max.	
Line regulation	0,2 %	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	115 %		Vout = 95% of nominal ; Automatic restart
Short circuit current	115 % of I nominal		Vout < 250mV ; Automatic restart

SIGNALS

Input OK : green led in front panel

ENVIRONMENTAL

Storage temperature : -25°C to +100°C

Operating temperature : -20°C to +70°C ambient. Convection cooled,
derating 2,5 % / °C above 50°C

ISOLATION

Input to chassis : 1500 Vrms

Input to Output : 2500Vrms

Output to Chassis : >100 Mohms at 500 Vdc

GENERAL

Safety : built to meet EN60950

EMI : built to meet EN55022A, EN50155

MECHANICALS

Solder side of the PCB protected by PBT sheet (UL94V0).



OUTPUT : DIN 41612 H15

PIN	DESCRIPTION
4	+ 12V
6	+ 12V
8	+ Sense
10	- Sense
12	0V
14	0V
16	NC
18	NC
20	Inhibit
22	NC
24	NC
26	NC
28	- IN
30	+ IN (110Vdc)
32	EARTH