FEATURES

3U x 10TE x 160 mm
INPUT : 85 - 140 Vac or 180 - 265Vac
OUTPUT : 300W
Controled by fully isolated RS232
2 fully isolated outputs groups
Programmable curent fuses
Measure of voltage and current
Efficiency : 70 % typ.
Air forced

APPLICATIONS

Automobile bench of test

INPUT

Voltage range : 85 - 140 Vac or 180 - 265Vac

Nominal : 115 Vac or 230 Vac

Input protection : fuse 4A
transient and surges protected

OUTPUT

Dual fully isolated outputs with RS232 control for current and voltage

Output A : Programmable voltage from 6 to 29 Vdc
Programmable current fuses from 0,1 to 3A

Output B : 3 separate switchable outputs (programmable by RS232)
Programmable voltage from 6 to 29 Vdc
Programmable current fuses from 0,1 to 3A

	OUTPUT		Conditions
	Typ.	Max.	
Line regulation	0,02 %	0,2 %	Low line to high line ; full load
Load regulation	0,02 %	0,5 %	No load to full load
Ripple and noise	1 %	2 %	Peak to peak, nom. Input ; full load
Current limit (current fuse type)	Programmable by RS232 from 0,1 to 3A	3A	Output shutdown RS232 command or pushbutton restart
Short circuit current		3A	RS232 command or pushbutton restart

MEASURING SECTION

Voltage : 2 ADC 16 bits, 30V full scale

Current : 2 ADC 16 bits, 3A full scale

SIGNALS

Overcurrent indication : Open collector output

ENVIRONMENTAL

Storage temperature : -20°C to +85°C

Operating temperature : -10°C to +50°C ambiant, forced air, nominal power

ISOLATION

Input to chassis : 1500 Vrms or 2121 Vdc

Input to Output : 3000 Vrms or 4242 Vdc

Output to Chassis : >100 Mohms at 500 Vdc

GENERAL

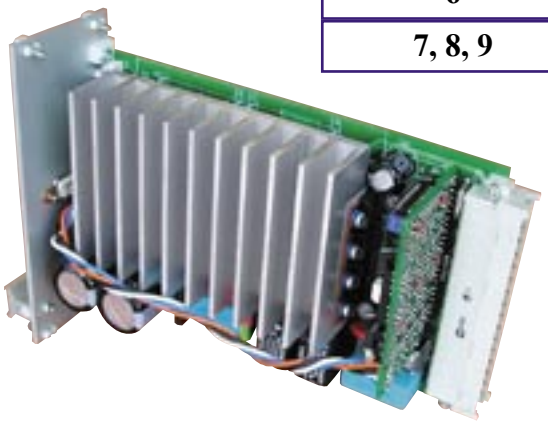
Safety : built to meet EN60950

EMI : built to meet EN55022B, conducted.

MECHANICALS

RS232 connector : SubD 9pts female

PIN	DESCRIPTION
1	NC
2	TxD
3	RxD
4	DTR
5	Ground
6	DTR
7, 8, 9	NC



INPUT/OUTPUT CONNECTOR : Connector DIN41612 F Form 64pts

DESCRIPTION	b	z	DESCRIPTION
+Sense A	2	2	+Sense A
+Vout A	4	4	+Vout A
+Vout A	6	6	+Vout A
NC	8	8	NC
-Vout A	10	10	-Vout A
-Vout A	12	12	-Vout A
NC	14	14	NC
-Sense A	16	16	-Sense A
-Vout B1, B2, B3	18	18	-Vout B1, B2, B3
+Vout B1	20	20	+Vout B3
+Vout B2	22	22	+Sense B
Overcurrent protection Out+	24	24	-Sense B
AC/L	26	26	Overcurrent protection Out-
AC/L	28	28	NC
AC/N	30	30	NC
NC	32	32	Ground