

FEATURES

3U x 3TE x 160 mm
Vin : 24 Vdc
Vout : +5V, +12V, -12V
5V fully independent
Remote ON/OFF
Pout max : 55W
Option : adj. range +/-10% by resistor or potentiometer
Very low profile

APPLICATIONS

Industrial.

INPUT

Voltage : 24Vdc nominal, range : 18-36Vdc
Transient protection : EN50155
Surge voltage 50V max. 1 seconde max.
Fuse protection
Reverse polarity protection
EMI : EN55022A, EN50121-3-2, conducted.

OUTPUT

Voltage : +5V, +12V, -12V
Imax : 5A, 1,25A, 1,25A Pmax. : 55W
Efficiency : 85,5 %
Current limit and short circuit : protected on every output (continuous, automatic recovery)
Overvoltage protection

	OUTPUT 1		OUTPUT 2		OUTPUT 3		
	Typ.	Max.	Typ.	Max.	Typ.	Max.	Conditions
Line regulation	0,2 %	0,3 %	0,2 %	0,3 %	0,2 %	0,3 %	Low line to high line ; full load
Load regulation	1 %	1,5 %	2 %	3 %	2 %	3 %	10% to full load
Ripple and noise	2 %		1 %		1 %		Peak to peak - Bandwidth 20MHz according to o/p voltage
Current limit	110 to 135 % of I nominal		110 to 135 % of I nominal		110 to 135 % of I nominal		Constant current ; Automatic restart
Senses	No		No		No		

SIGNALS

Input OK :	green led in front panel
Remote ON/OFF :	general shutdown, pins 20,28 shorted to inhibit

ENVIRONMENTAL

Storage temperature :	-55°C to 125°C
Operating temperature :	-40°C to +71°C
	derating 1,25 % / °C above 50°C, convection cooled

ISOLATION

Input to Output :	1500 Vrms
Input to Output :	>1000 Mohms at 500 Vdc

GENERAL

Safety :	**built to meet EN60950**
EMI :	**built to meet EN55022A, EN50121-3-2, conducted.**
ENV :	**built to meet EN50155**

MECHANICALS



DIN 41612 H15

OUPUT

PIN	DESCRIPTION
4	+ 5V
6	+ 5V
8	0V
10	0V
12	+ 12V
14	Com
16	Com
18	- 12V
20	Inhibit
28	Input -
30	Input +
32	Earth