FEATURES

225 x 70 x 40 mm
INPUT : 185 - 392 Vdc
OUTPUT : From 10 to 15,5V 500W
Efficiency : 87 % typ.
Parallel capability
Chassis mounting, cold plate cooling

APPLICATIONS

Vehicule, industrial and high temperature application. Very low profile.

INPUT

Voltage range :	185 - 392Vdc
Nominal :	300 Vdc
I max at 185Vdc :	2,8A for 500W output
Input protection :	fuse 5A transient and surges reverse polarity

OUTPUT

Voltage :	15Vdc
Trim range :	From 10 to 15,5V by potentiometer
Current :	33A nominal

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

SIGNALS

Input OK : Led

Output OK : Led

Inhibit : General shuntdown

PR : Parallel operation

ENVIRONMENTAL

Storage temperature :	-40°C to +125°C
Operating temperature :	-20°C to 95°C baseplate

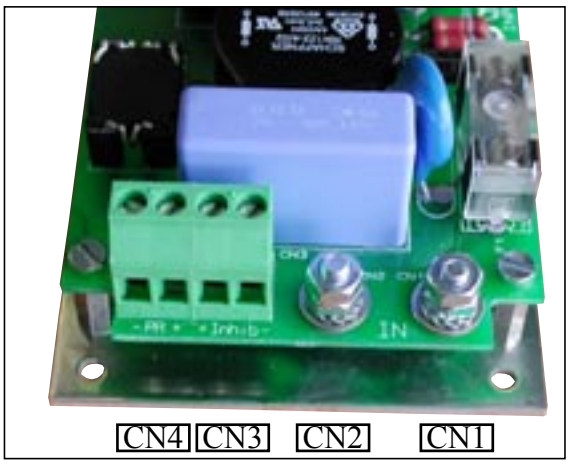
ISOLATION

Input to chassis :	1500 Vrms or 2121 Vdc
Input to Output :	3000 Vrms or 4240 Vdc
Output to Chassis :	>100 Mohms at 500 Vdc

GENERAL

Safety :	**built to meet EN60950**
EMI :	**built to meet EN55022, conducted.**

MECHANICALS



INPUT : M4 studs

	DESCRIPTION
CN 1	+ IN
CN 2	- IN

ON/OFF : Phoenix MKDS 3/2-5,08

CN3	DESCRIPTION
4	+ Inhibit
2	- Inhibit

PARALLELE BUS : Phoenix MKDS 3/2-5,08

CN4	DESCRIPTION
1	- PR
2	+ PR

OUTPUT : M6 studs

	DESCRIPTION
CN5	+ OUT
CN6	- OUT