



**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**

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

## SIGNALS

Input OK : Led

Output OK : Led

Inhibit : General shutdown

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

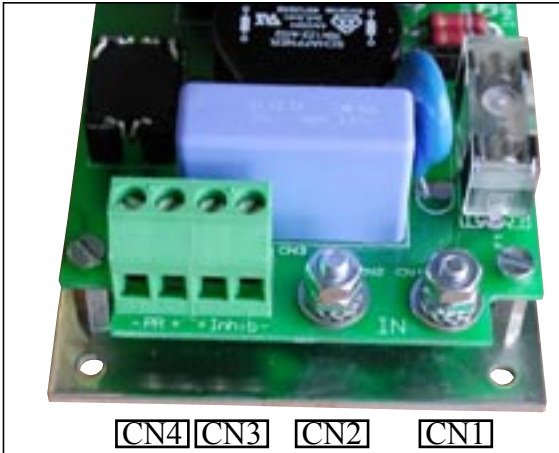
Output to Chassis : >100 Mohms at 500 Vdc

## 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

