



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.	
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 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

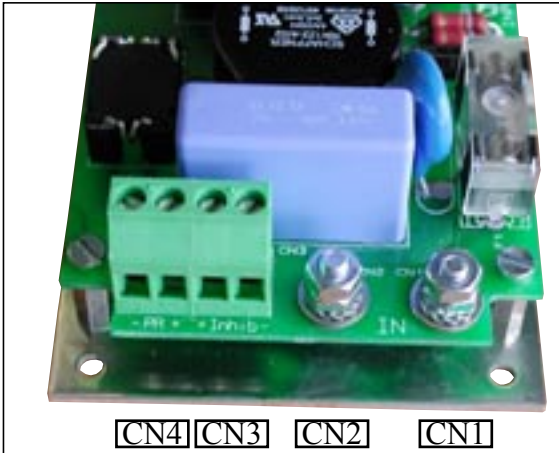
Output to Chassis : >100 Mohms at 500 Vdc

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

