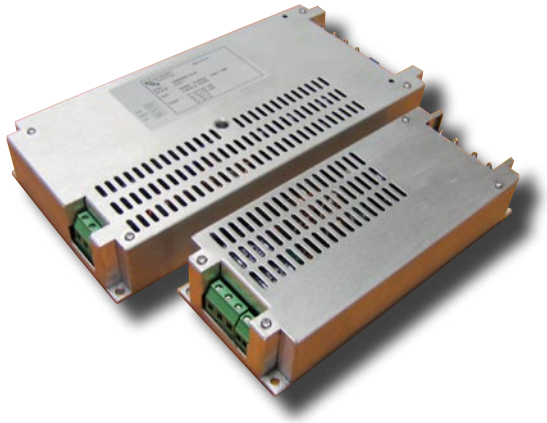
FEATURES

Vin : 90-250Vac
Chassis mounting
255 x 127 x 38.6 mm 1 to 4 outputs
Pout max : 600W
200 x 82 x 39 mm 1 to 2 outputs
Pout max : 300W



APPLICATIONS

Chassis mounting applications, low profile.

INPUT

Voltage range : 90-250Vac Frequency : 44 - 440Hz
PFC : EN61000-3-2

Input protection : Transient and surges EN61000-4 -2, -4, -5, -11, -16
Fuse

EMI : EN55022

OUTPUT

Voltage : See configuration chart

Current limit and short circuit : protected on every output

Overvoltage protection

Typical efficiency : 81 %

	V 1, V2, V3, V4		Conditions
	Typ.	Max.	
Line regulation	+/- 0,2 %	+/-1 %	Low line to high line ; full load
Load regulation	+/- 0,2 %	+/- 1 %	25 % to full load
Ripple and noise	1 %	2 %	Peak to peak - Bandwidth 20MHz according to o/p voltage
Current limit	115 % of I max.		Vout = 95% of nominal ; Automatic restart

SIGNALS

Output OK :	PST21600 :	green led and PGood 1 & 2 TTL compatible high level if OK
	PST21300 :	green led
Output adjust :	V1, V2 only, by potentiometer from 80 to 110 % of Vnom.	
Inhibit :	PST21600 : Inhib 1 & 2 TTL compatible active low	
	PST21300 : General shutdown, short or low level to inhibit	

OPTIONS

H : An additionnal heatsink of 15mm is mounted on the baseplate, increasing the overall height to 55mm.

M : The components, screws are glued to the PCB, built to meet MIL-STD-810E.
EMI filtering built to meet MIL-STD-461E.

T : -40°C operation

V : Conformal coating of the PCB

ENVIRONMENTAL

Storage temperature :	-40°C to +105°C
Operating temperature :	-20°C to +85°C, baseplate temperature PST21600
	-20°C to +100°C, baseplate temperature PST21300

ISOLATION

Input to chassis :	1500 Vrms or 2121 Vdc
Input to Output :	3000 Vrms or 4242 Vdc
Output to Chassis :	500 Vrms

GENERAL

Safety :	**built to meet EN60950**
EMI :	**built to meet EN 55022B, conducted.**

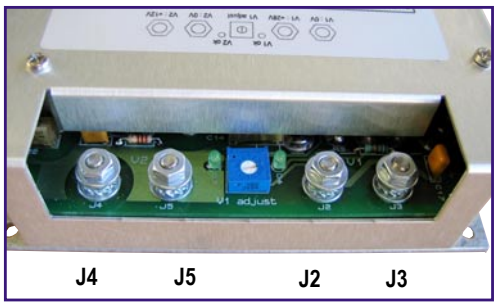
MECHANICALS

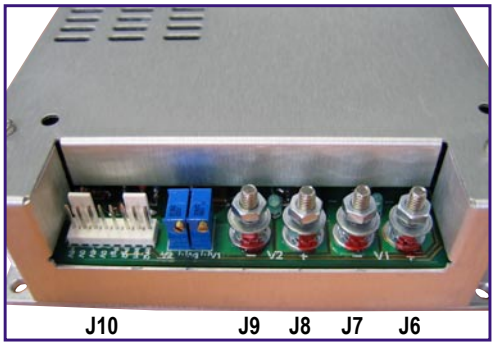
Weight : 1,4 Kg

INPUT : Screw connector

PIN	DESCRIPTION
1	Earth
2	Neutral
3	Line

For Output 1 600W models





Note :

- To enable V1, connect inhib 1 (Pin 7) to V3 (Pin 1) or TTL high level.
- To enable V2, connect inhib 2 (Pin 8) to V3 (Pin 1) or TTL high level

OUTPUT : Screws studs

PIN	DESCRIPTION
J3	V1 : 0V
J2	+V1
J5	V2 : 0V
J4	+V2

OUTPUT : Screws studs M4

PIN	DESCRIPTION
J7	V1 : 0V
J6	+V1
J9	V2 : 0V
J8	+V2

OUTPUT : MOLEX serie KK ref. 22-27-2081

J10	DESCRIPTION
1	V3
2	Return
3	V4
4	Return
5	PGood 1
6	PGood 2
7	Inhib 1
8	Inhib 2

MECHANICALS

Weight : 0,7 Kg

INPUT : Screw connector

J1	DESCRIPTION
1	Earth
2	Neutral
3	Line

INHIBIT : Screw connector

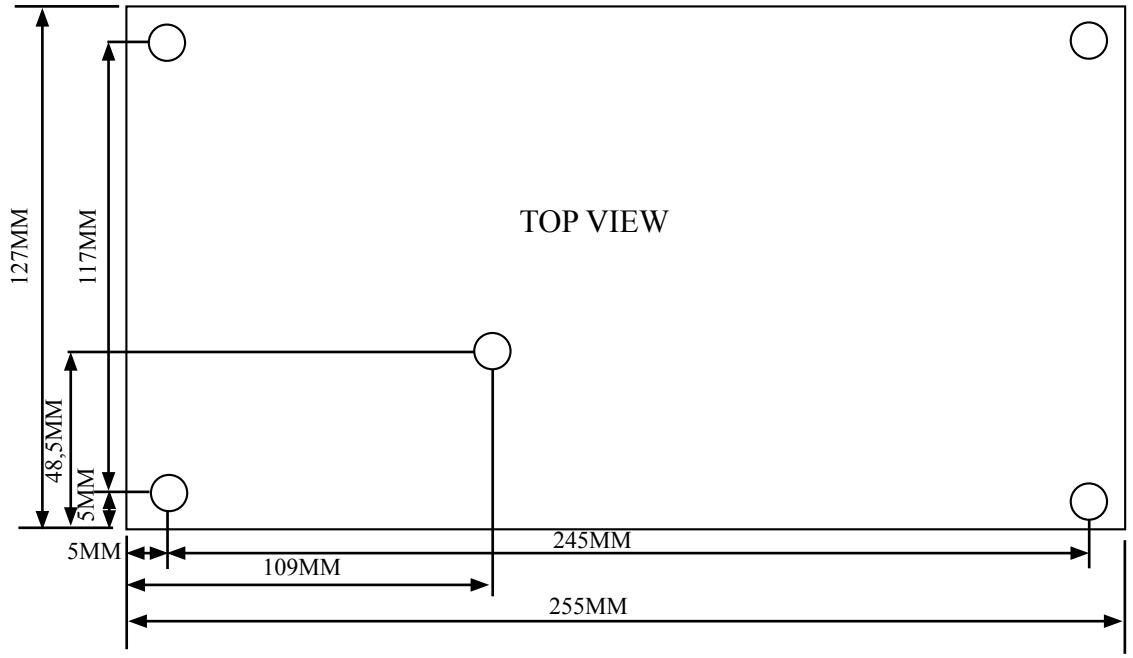
J2	DESCRIPTION
1	To be shorted to PIN2 to inhibit
2	To be shorted to PIN1 to inhibit

OUTPUT : Screws studs M4

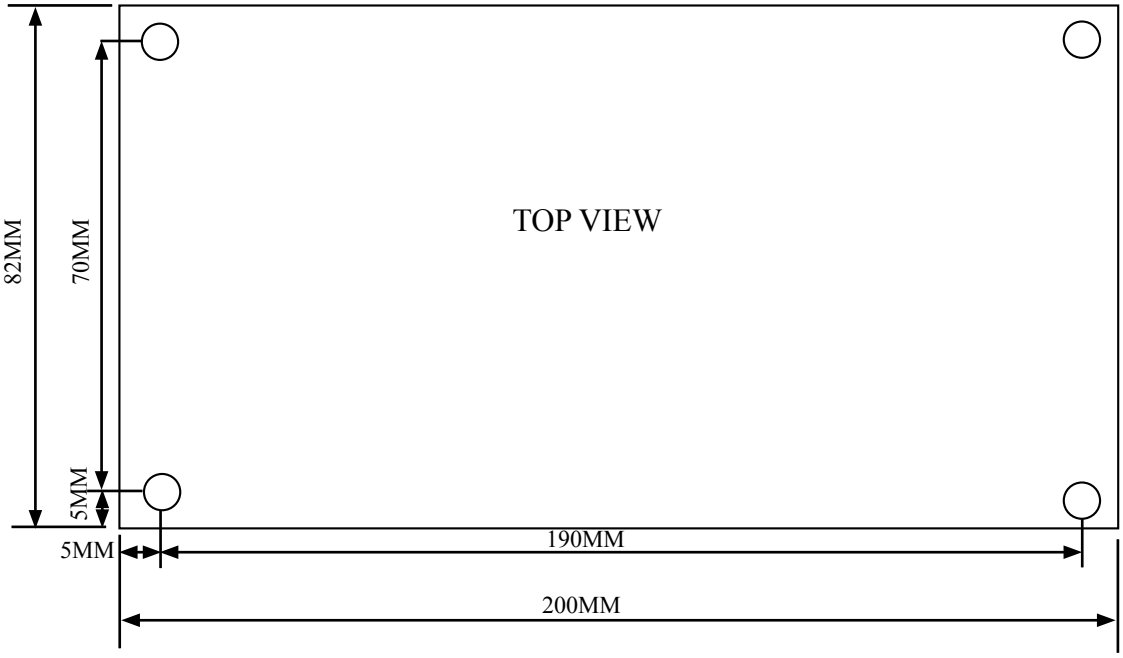
PIN	DESCRIPTION
J3	+V1
J4	V1 = 0V
J5	+V2
J6	V2 = 0V

MECHANICALS

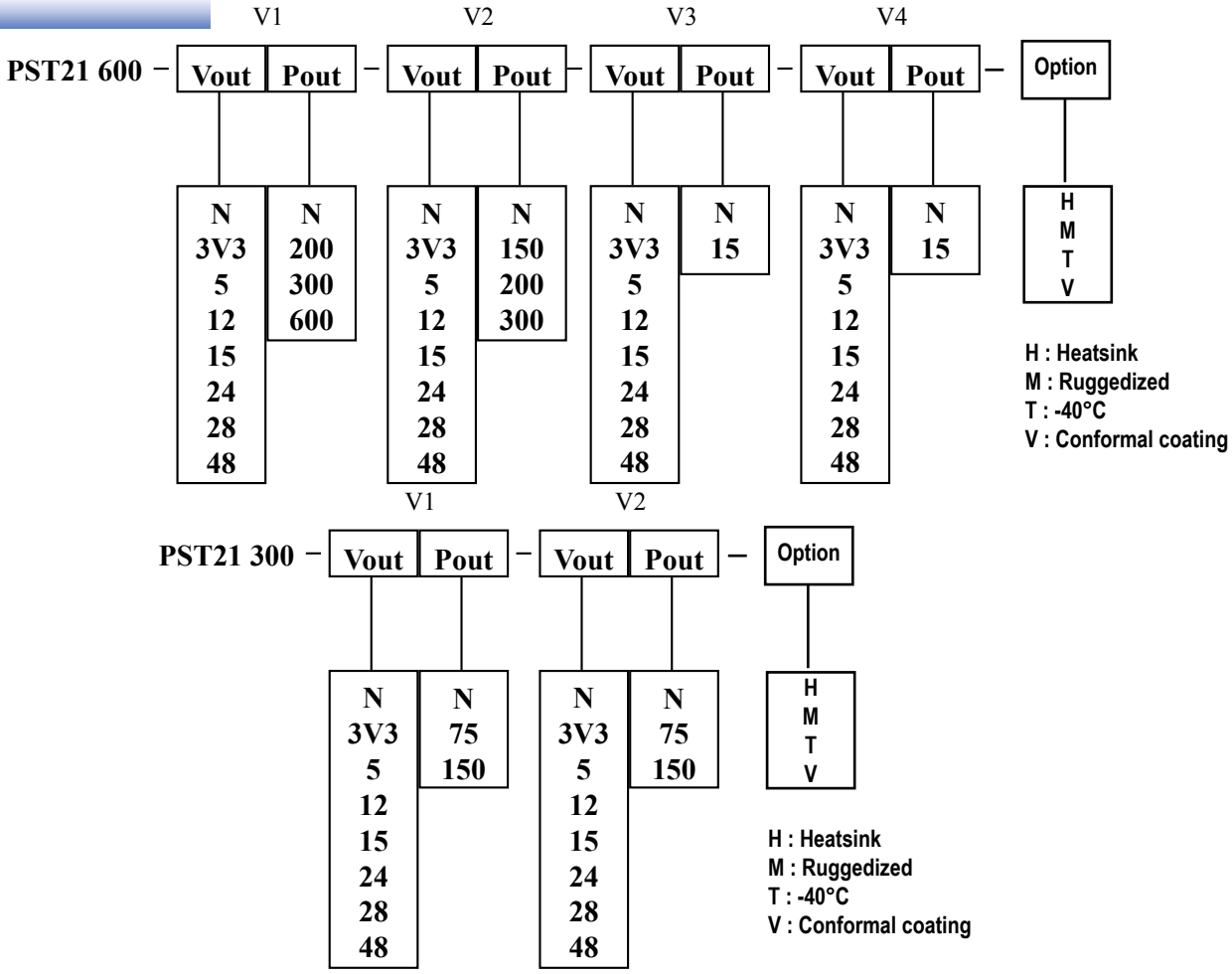
MOUNTING : 5 holes Diam. : 4,2mm



MOUNTING : 4 holes Diam. : 4,2mm



HOW TO ORDER ?



COMPANY NAME :

ADDRESS :

NAME : JOB TITLE :

QUANTITY : DELIVERY DATE :

INFORMATION :

SEND TO :

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