FEATURES

225 x 70 (140) x 42 mm (60 max. according to option)
INPUT : 12, 24, 48, 72, 110, 150, 300Vdc
OUTPUT : 1 or 2 outputs 3V3 to 48Vout
POWER : Up to 1000W
Efficiency : 84 % typ.
Chassis mounting, conduction cooled
Options : -40°C, heatsink, military MIL-STD1275A

APPLICATIONS

Modular power supply for industrial, railways applications and military vehicle applications.
Military Vehicle MIL-STD 1275A and MILSTD461 version with M option in 12 and 24Vdc IN.

INPUT

Voltage range :	12Vnom	Range: 10-36Vdc
	24Vnom	Range : 18-36Vdc, operation at 16Vdc
	48Vnom	Range : 36-75Vdc
	72Vnom	Range : 43-110Vdc
	110Vnom	Range : 66-154Vdc
	150Vnom	Range : 100-200Vdc
	300Vnom	Range : 180-375Vdc
Input protection :	fuse	
	transient and surges protected , MIL-STD1275A (M option) for 12 and 24 Input only	

OUTPUT

Min. / Max. power configuration for low power single output (N option) or per output for dual output configuration.
For single output version in high power configuration (L option), double the power of the value below.

Vin \ Vout	3V3	5V	12V	15V	24V	28V	36V	48V
12	150W	175W	200W	200W	200W	200W	200W	200W
24	200/264W	300/400W	300/400W	300/400W	300/400W	300/400W	300/400W	300/400W
72, 110	200W	300W	300/400W	300/400W	300/400W	300/400W	300/400W	300/400W
48, 150, 300	200/264W	300/400W	400/500W	400/500W	400/500W	400/500W	400/500W	400/500W

OUTPUT

	OUTPUT		
	Typ.	Max.	Conditions
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	140 % of Iout nominal	

SIGNALS / CONTROL

Input OK : Led

Output OK : Led

Output adjust : 50 to 110 % by potentiometer

ON / OFF : 0V or shorted to inhibit

PR : parallel operation

ENVIRONMENTAL

Storage temperature : -20°C to +100°C

Operating temperature : -20°C to +95°C, baseplate temperature, -40°C option T

ISOLATION

Input to chassis : 1500 Vrms or 2121 Vdc

Input to Output : 3000 Vrms or 4240 Vdc (1500Vrms for 12, 24V INPUT)

Output to Chassis : > 100 Mohms at 500Vdc

GENERAL

Safety : built to meet EN60950

EMI : built to meet EN55022A, EN50155 conducted, MIL-STD 461 for M option.

ENV. : built to meet EN 50155

MECHANICALS

INPUT : M6 studs

PIN	DESCRIPTION
+	+ IN
-	- IN

SIGNAL : Screw connector

PIN	DESCRIPTION
Inhib+, Inhib-	Apply TTL low level or shorted to inhibit
PR+, PR-	Connect to PR+ & PR- of a second unit to increase power and current share

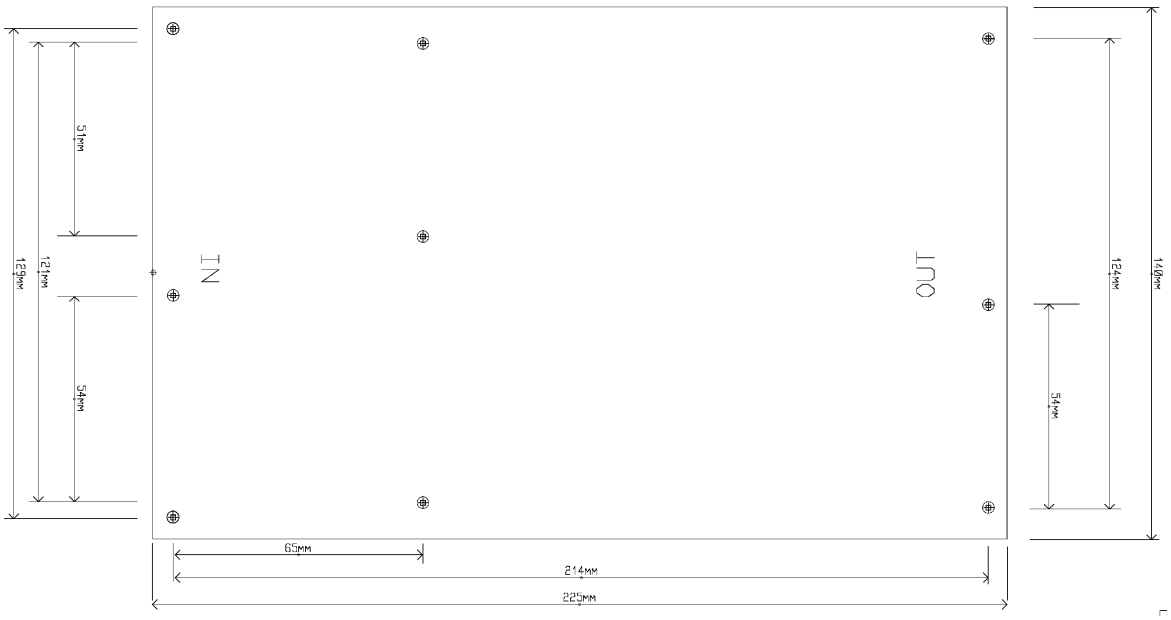
OUTPUT : M6 studs

PIN	DESCRIPTION
1	+ OUT
2	- OUT

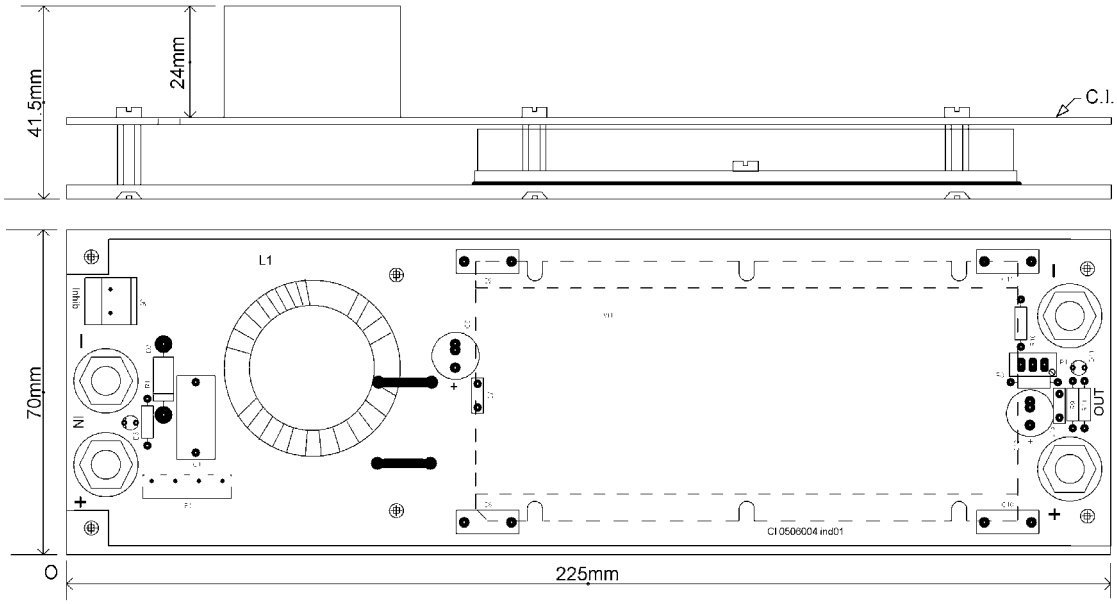
MOUNTING

Options :			
	M	Increase height to	46mm
	H		57mm
	MH		60mm

L version : 9 mounting holes diam. 3,5mm



N version : 6 mounting holes diam. 3,5mm

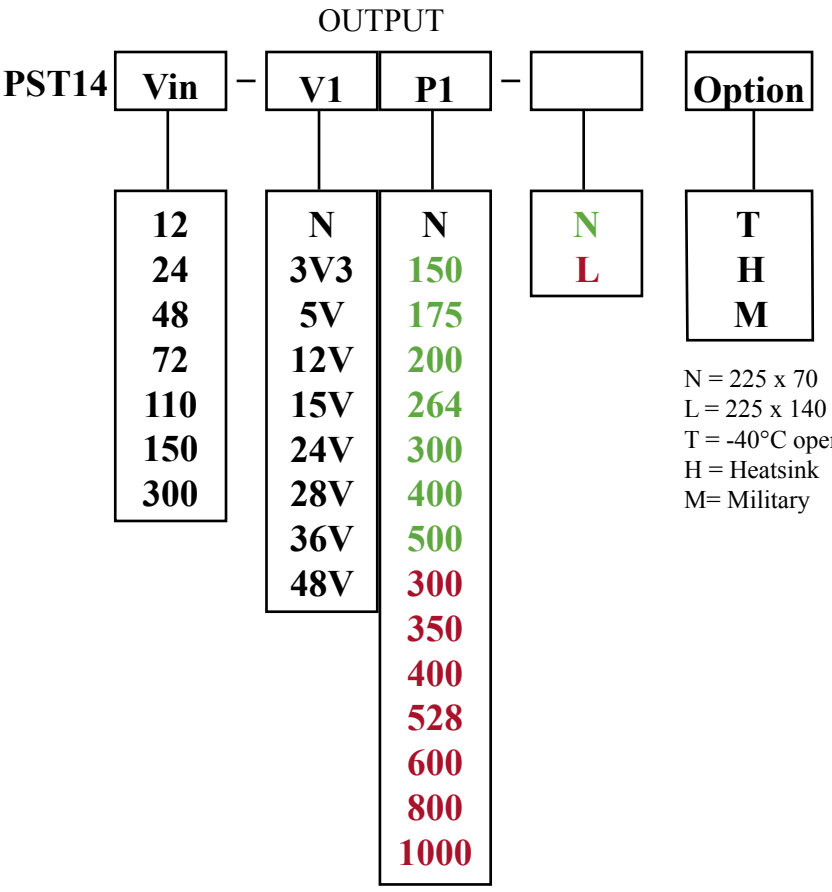


6 trous diam 3,5	
x	y
5,3	5,6
5,3	64
71	9,5
71	62,3
220	8,3
220	61,6

HOW TO ORDER ?

Just fill in.
Please see page 1 for max output power configuration

For single output



For dual outputs