



FEATURES

120 x 61 x 47 mm

INPUT : 24, 48, 230Vac 47-63Hz
12, 24, 48, 72, 110Vdc

1 OUTPUT : From 3V3 to 48Vdc

Power : 100W max.

Efficiency : 82 % typ.

Chassis mounting



APPLICATIONS

Industrial, communication, vehicle.

INPUT

Voltage range : AC version : range 20-28Vac, 24-55Vac, 90-250Vac 47-63Hz
DC version : 10-36Vdc, 18-36Vdc, 36-75Vdc, 55-100Vdc, 66-160Vdc

Input protection : fuse
transient and surges protected

OUTPUT

Voltage : From 3V3 to 48Vdc, consult factory for other voltage

Power: derating may apply according to input voltage range

	OUTPUT		Conditions
	Typ.	Max.	
Line regulation	0,2 %	1 %	Low line to high line ; full load
Load regulation	0,2 %	1 %	No load to full load
Ripple and noise	1 %	2 %	Peak to peak, nom. Input ; full load
Current limit	110 to 140 % of I nominal		Vout = 95% of nominal ; Automatic restart
Short circuit current	110 to 140 % of I nominal		

ENVIRONMENTAL

Storage temperature : -40°C to +100°C

Operating temperature : -10°C to 100°C baseplate temperature

ISOLATION

Input to chassis : 1500 Vrms

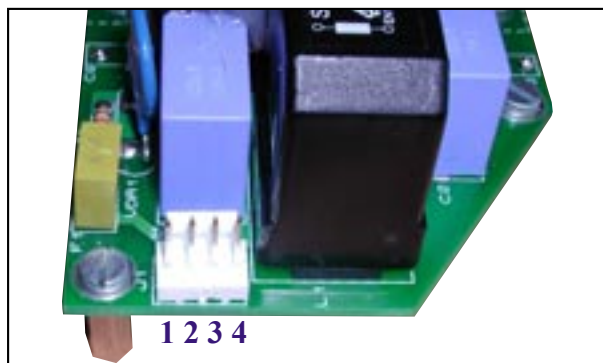
Input to Output : 3000 Vrms

GENERAL

Safety : built to meet EN60950

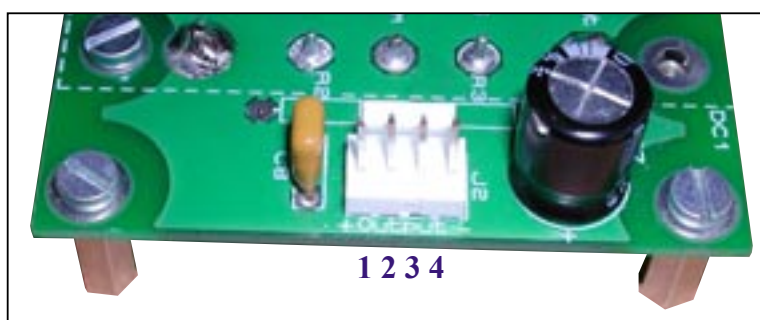
EMI : built to meet EN55022B

MECHANICALS



INPUT : Molex 2223-2041

J1	DESCRIPTION
PIN 1	AC/L (+Vin)
PIN 2	AC/N (-Vin)
PIN 3	NC
PIN 4	EARTH



OUTPUT : MOLEX 2223-2041

J2	DESCRIPTION
PIN 1, PIN 2	+ Vout
PIN 3, PIN 4	0V

HOW TO ORDER ?

Just fill in.
Input current limited to 4A
Pmax : 100W

AC version PST17A

OUTPUT		
Vin	Vout	Pout
24	3V3	25
48	5	50
230	12	75
	15	100
	24	
	28	
	48	

DC version PST17D

OUTPUT		
Vin	Vout	Pout
12	3V3	25
24	5	50
48	12	75
72	15	100
110	24	
	28	
	48	

COMPANY NAME :

ADDRESS :

NAME :

JOB TITLE :

QUANTITY :

DELIVERY DATE :

INFORMATION :

SEND TO :

POWER SYSTEM TECHNOLOGY
19, 21 rue Gustave Eiffel - Bâtiment A2
28630 GELLAINVILLE - FRANCE
Tel. : +33 (0) 2 37 30 78 40 - Fax : +33 (0) 2 37 30 77 71
Email : sales@powersystemtechnology.com