



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

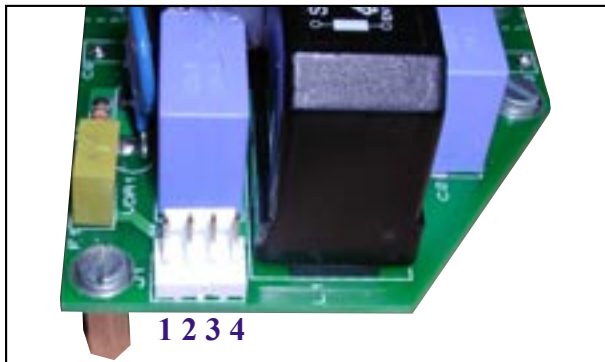
Input to Output : 3000 Vrms

**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

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

DC version PST17D

Vin	OUTPUT	
	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