



FEATURES

3U x 8TE x 160 mm
INPUT : 180 - 264 Vac (90-264 Vac consult factory)
OUTPUT : up to 160W
1-3 outputs
Efficiency : 73 % typ.

APPLICATIONS

Industrial

INPUT

Voltage range : 180 - 264Vac
Nominal : 230 Vac
Input protection : fuse
transient and surges protected

OUTPUT

Voltage : V1 : 3V3, 5V, 12V, 15V, 24V, 28V, 48Vdc from 25 to 75W
V2 : 12V, 15V, 24V, 28V, 48Vdc from 25 to 75W
V3 : -5V/2A, -12V/1,5A, -15V/1,5A, -24V/0,8A (*)

(*) Need output 2 to have output 3

	OUTPUT		Conditions
	Typ.	Max.	
Line regulation	0,02 %	0,2 %	Low line to high line ; full load
Load regulation	0,02 %	0,5 %	No load to full load
Ripple and noise	1 %	2 %	Peak to peak, nom. Input ; full load
Current limit		115 % of I nom.	Vout = 95% of nominal ; Automatic restart
Short circuit current protection	115 % of I nom.	140 % of I nom.	Automatic restart

SIGNALS

Default : Led, when | heatsink temperature > 90°C
 | output overvoltage

Output OK : Led on every output

ENVIRONMENTAL

Storage temperature : -25°C to +100°C

Operating temperature : -10°C to 70°C ambient, forced air, nominal power
 derating 2,5% / °C above 50°C

ISOLATION

Input to chassis : 1500 Vrms or 2121 Vdc

Input to Output : 3000 Vrms or 4242 Vdc

Output to Chassis : >100 Mohms at 500 Vdc

GENERAL

Safety : **built to meet EN60950**

EMI : **built to meet EN55022, conducted.**

MECHANICALS

DIN41612 F form 48pts



DIN41612 F FORM 48pts CONNECTOR

PIN	d	b	z
2	NC	NC	NC
4	NC	NC	NC
6	NC	NC	NC
8	0V	0V	0V
10	-V3	-V3	-V3
12	+V2	+V2	+V2
14	+V1	+V1	+V1
16	0V	0V	0V
18	0V	0V	0V
20	0V	0V	0V
22	NC	NC	NC
24	NC	NC	AC/N
26	NC	AC/N	NC
28	NC	NC	AC/L
30	NC	AC/L	NC
32	NC	NC	Ground

HOW TO ORDER ?

Just fill in.

Pmax : 160W

		V 1		V 2		V 3 *	
PST09	230	Vout	Pout	Vout	Pout	Vout	Pout
		N	N	12	25	5	15
		3V3	25	15	50	12	15
		5	50	24	75	15	15
		12	75	28	100	24	15
		15		48			
		24					
		28					
		48					

* Negative Output

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