



AC-DC or DC-DC Eurocard format

PST26 1 or 2 isolated outputs up to 300W

PST26, a very compact AC-DC converter in an eurocard format, incorporates input and output protection and filtering, signalling features, which are required in most of severe environment for industrial applications. The PSU provides significant advantages such as flexibility of output configuration, high reliability thanks to the integration of Vicor Corp. modules, high efficiency, low ripple and noise levels, input-to-output isolation, soft start, over-temperature protection, input over/undervoltage lockout. The input is protected against surges and transients and EMI filtered. The outputs are continuously short-circuit proof. LEDs in front panel indicates the status of the outputs.

General features

- Input : 85-264Vac or 100-350Vdc input voltages ranges
- 3U x 8TE x 160mm
- Output from 3,3V to 48Vdc power up to 300W
- Power Factor Correction EN61000-3-2
- DIN 41612 H15 connector
- Safety : EN 60950
- Environmental : MIL STD810E (shocks and vibrations)
- Operating temperature : -20°C +100°C baseplate without derating

Signals

- Remote isolated ON/OFF
- Output LED
- Output voltage adjustment
- PowerGood
- Remote senses

Options

- -F : No front panel
- -P : Inserter / extractor handle Schroff 20817612
- -T : Components comply with -40°C operation
- -V : Components & PCB are covered with an acrylic coating

Benefits

- 1 or 2 isolated outputs
 - 1 output up to 300W
 - 2 outputs up to 150W
- High temperature operation 100°C baseplate
- Adjustable output voltage +/- 10 %
- Redundant operation (N+1) with external diodes

Full datasheet on www.powersystemtechnology.com



PST26 CONFIGURATOR

V1		V2		Option
Vout	Pout	Vout	Pout	
3V3	100	3V3	150	F
5	150	5	12	P
12	300*	12	15	T
15		15	24	V
24		24	28	
28		28	48	
48		48		

* : For single output only



Fanless, conformal coated PSU is a benefit for industrial environment.



Ruggedization and extended temperature grade are key features for defense applications.