

SPECIFICATION SHEET

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SWITCH MODE POWER SUPPLY

MODEL : PS110-2420A

INPUT

* I/P : 110V AC, 1-Ph
* Frequency : 47-63Hz
* Range : 90-135V AC
* Fuse Protection. : Yes
* I/P MOV : Yes
* Soft Start : Yes
* Inrush current : 54A@135V AC
* AC Current : 12A@135V AC

OUTPUT

* Nominal Voltage : 24V DC
* Voltage Range : 24-28V
* Rated Current : 20A
* Line Regulation : +/- 1%
* Load Regulation : +/- 1%
* Ripple Max : +/- 1% (P-P)
* Noise Max : +/- 1% (P-P)
* Protections
: a) Overload Protection auto recovery type:102-105%
: b) Short circuit protection auto recovery type:Yes
: c) Over Voltage Protection Latching type:105-110%

* Current Limit. : Yes
* Start up time : <1.7sec
* Hold up time : 20ms

ENVIRONMENTAL

* Operating temperature 0 to 50⁰ C.
* Humidity : < 95% Rh
* Enclosure IP20 Protection

GENERAL

* Isolation : Input to Output - 1.5KV
: Input to Earth - 1.5KV
: Output to Earth- 500V
* MTBF : 50K Hrs to MIL

INDICATIONS LED

- : a) Input OK
- b) Output OK
- c) Output OVP

MECHANICAL

- * Dimension : approx. 235W X 195D X 100H mm
- * Cooling type : Fan cooled
- * Weight : approx. 3Kgs

OPTIONAL

- * Redundancy by external diode.
- * Potential Free Contact - Alarm contact
- * Programmable by external signal - voltage & current
- * Remote ON/OFF
- * With Digital Voltmeter & Current meter
- * Over Temperature Protection