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SWITCH MODE POWER SUPPLY (SMPS)

TECHNICAL SPECIFICATION

MODEL

EES8V8A

INPUT

I/P	230V AC, 1-Ph
Frequency	47-63Hz
Range	180-270V AC
Fuse Protection.	Yes
I/P MOV	Yes
Soft Start	Yes
Inrush current	46A@230V AC
AC Current	
Leakage Current	<5mA@230V AC

OUTPUT

Nominal Voltage	8V DC
Voltage Range	8-10V
Rated Current	8A
Line Regulation	+/- 1%
Load Regulation	+/- 1%
Ripple Max (P-P)	+/- 1%
Noise Max (P-P)	+/- 1%
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%
- Yes
1.14sec
40ms

Current Limit.
Start up time
Hold up time
Transient response

ENVIRONMENTAL

Operating temperature upto 50° C.
Humidity
IP 21 Protection

< 95% Rh

GENERAL

Isolation

Input to Output – 1.5KV
Input to Earth – 1.5KV
Output to Earth- 500V
50K Hrs to MIL
70%

MTBF
Efficiency

INDICATIONS LED

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

MECHANICAL

Dimension
Cooling type
Weight

165W X 105D X 60H mm
Natural
0.8 Kg

OPTIONAL

Redundancy by external diode.