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SWITCH MODE POWER SUPPLY (SMPS)

TECHNICAL SPECIFICATION

MODEL

EES12V2A

INPUT

I/P 230V AC, 1-Ph
Frequency 47-63Hz
Range 180-270V AC
Fuse Protection. Yes
Soft Start Yes
AC Current 1.5A@230V AC

OUTPUT

Nominal Voltage 12V DC
Voltage Range 12-15V
Rated Current 2A
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 Sec
15ms@230V AC

Current Limit.
Start up time
Hold up time

ENVIRONMENTAL

Operating temperature upto 50⁰ C.
Humidity
IP 20 Protection

< 95% Rh

GENERAL

Isolation

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

MTBF

MECHANICAL

Dimension

115 X 80 X 45H mm – with box
100 X 60 X 35H mm – open type

Cooling type
Weight

Natural
0.3Kg