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SWITCH MODE POWER SUPPLY (SMPS)

TECHNICAL SPECIFICATION

MODEL

EES24V30A

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 92A@230V AC
AC Current 8.5A@230V AC

OUTPUT

Nominal Voltage 24V DC
Voltage Range 22-26V
Rated Current 30A
Line Regulation +/- 1%
Load Regulation +/- 1%
Ripple Max (P-P) +/- 1%
Noise Max (P-P) +/- 1%
Protections a) Over Load Protection Auto Recovery type:102-105%
b) Over Circuit Protection Auto Recovery type : Yes
c) Over Voltage Protection Latching type:105-110%
d) Over temperature auto recovery type:80°C ± 5 degrees
Yes
Current Limit. <1.7sec
Start up time 20ms
Hold up time

ENVIRONMENTAL

Operating temperature upto 50° C.
Humidity < 95% Rh
IP 21 Protection

GENERAL

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

MTBF

INDICATIONS LED

a) Input OK
b) Output OK
c) Output OVP
d) O/T

MECHANICAL

Dimension Approx 235W X 195D X 100H mm
Cooling type Fan cooled
Weight Approx 3 Kgs

OPTIONAL

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