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SWITCH MODE POWER SUPPLY (SMPS)

TECHNICAL SPECIFICATION

MODEL

EES24V10A

INPUT

I/P
Frequency
Range
Fuse Protection.
I/P MOV
Soft Start
Inrush current
AC Current
Leakage current

230V AC, 1-Ph
47-63Hz
180-270V AC
Yes
Yes
Yes
46A@230V AC

OUTPUT

Nominal Voltage
Voltage Range
Rated Current
Line Regulation
Load Regulation
Ripple Max (P-P)
Noise Max (P-P)
Protections

24V DC
24-28V
10A
+/- 1%
+/- 1%
+/- 1%
+/- 1%
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
2.8sec
28ms@230V AC

Current Limit.
Start up time
Hold up time

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
80%

MTBF
Efficiency

INDICATIONS LED

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

MECHANICAL

Dimension
Cooling type
Weight

195W X 130D X 95H mm
Fan cooled – exhaust
1.4 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