

SWITCH MODE POWER SUPPLY (SMPS)

SPECIFICATION

MODEL

EES24V2A

INPUT

I/P 230V AC, 1-Ph
 Frequency 47-63Hz
 Range 90-270V AC
 Fuse Protection. Yes
 I/P MOV Yes
 Soft Start Yes
 Inrush current 23A@230V AC
 AC Current
 Leakage Current <5mA@230V AC

OUTPUT

Nominal Voltage 24V DC
 Voltage Range 24-30V
 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
 750ms
 37ms@230V AC

Current Limit.
 Start up time
 Hold up time

ENVIRONMENTAL

Operating temperature upto 50⁰ C.
 Humidity < 95% Rh
 IP 21 Protection

GENERAL

Isolation Input to Output – 1.5KV
 Input to Earth – 1.5KV
 Output to Earth- 500V
 MTBF 50K Hrs to MIL
 Efficiency 80%

INDICATIONS LED

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

MECHANICAL

Dimension 135W X 90D X 50H mm
 Cooling type Natural
 Weight 0.5 Kg

OPTIONAL

Redundancy by external diode.