

SWITCH MODE POWER SUPPLY (SMPS)

TECHNICAL SPECIFICATION

MODEL	EES24V0.5A
INPUT	
I/P	230V AC, 1-Ph
Frequency	47-63Hz
Range	180-270V AC
Fuse Protection.	Yes
Soft Start	Yes
Inrush current	23A@230V AC
AC Current	
Leakage Current	<5mA@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%
Current Limit.	Yes
Start up time	130ms
Hold up time	45ms@230V AC
ENVIRONMENTAL	
Operating temperature upto 50 ⁰ 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	75%
MECHANICAL	
Dimension	115 X 80 X 45H mm – with box 100 X 60 X 35H mm – open type
Cooling type	Natural
Weight	0.3Kg