

SWITCH MODE POWER SUPPLY (SMPS)

TECHNICAL SPECIFICATION

MODEL	EES12V1A
INPUT	
I/P	230V AC, 1-Ph
Frequency	47-63Hz
Range	180-270V AC
Fuse Protection.	Yes
Soft Start	Yes
Inrush current	@230V AC
AC Current	
Leakage Current	<5mA@230V AC
OUTPUT	
Nominal Voltage	12V DC
Voltage Range	12-15V
Rated Current	1A
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
Hold up time	@230V AC
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
MTBF	50K Hrs to MIL
MECHANICAL	
Dimension	65 X 40 X 100 mm – with box 90 X 45 X 30H mm – open type
Cooling type	Natural
Weight	0.2Kg