

## SWITCH MODE POWER SUPPLY ( SMPS)

### TECHNICAL SPECIFICATION

<b>MODEL</b>	EES8V4A
<b>INPUT</b>	
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
<b>OUTPUT</b>	
Nominal Voltage	8V DC
Voltage Range	7-9V
Rated Current	4A
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	750ms
Hold up time	37ms@230V AC
<b>ENVIRONMENTAL</b>	
Operating temperature upto 50° C.	
Humidity	< 95% Rh
IP 21 Protection	
<b>GENERAL</b>	
Isolation	Input to Output – 1.5KV Input to Earth – 1.5KV Output to Earth- 500V
MTBF	50K Hrs to MIL
Efficiency	70%
<b>INDICATIONS LED</b>	
	a) Input OK b) Output OK c) Output OVP
<b>MECHANICAL</b>	
Dimension	135W X 90D X 50H mm
Cooling type	Natural
Weight	0.5 Kg
<b>OPTIONAL</b>	
Redundancy by external diode.	