

AC TO DC POWER SUPPLIE

SPECIFICATION

MODEL	PSMLT0512-12
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	5V DC; 12V DC; -12V DC
Rated Current	3A; 1A; 0.5A
Line Regulation	+/- 1%
Load Regulation	+/- 1%
Ripple Max	+/- 1% (P-P)
Noise Max	+/- 1% (P-P)
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	1sec
Hold up time	51ms@230V AC
Transient response	--
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
INDICATIONS LED	a) Output OK

MECHANICAL

Dimension

125 X 80 X 45H mm – open type

155 X 90 X 50H mm – with enclosure

Cooling type

Natural

Weight

0.3Kg – open type

0.7kg – with enclosure