LinkCom Manufacturing Co., Ltd

Model NO.	LSP400212001	Model Name	LED Power Supply
Part NO.	PLSP400212001	SIZE	132.5 * 58 * 37 mm 【5.22 * 2.28 * 1.46 inch】



FEATURES

♦ AC Input 90~264Vac

◆ Protection: SCP / OVP / OCP

♦ High Operating ambient Temp: -20°C ~ +60°C

◆ Safety: UL / PSE

◆ EMC: CE

◆ Comply with Indoor/Outdoor Waterproof (IP 67)

◆ Dimension (L*W*H): 132.5 * 58 * 37 mm◆ Dimension (L*W*H): 5.22 * 2.28 * 1.46 inch

◆ ROHS Compliant

Module: LSP400212001

*,# =SEE NOTES BELOW

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*(9)	MODEL	LSP400212001				
(9)	SPECIFICATION	min.	norm.	max.		
	DC OUTPUT VOLTAGE (V)	8		12		
*	PRESET ACCURACY (%) *(8)		3			
*	OUTPUT CURRENT(A) *(5)			3.4		
*	O/P NOISE (P-P, mV) *(3)			120		
*	LINE REGULATION (%) *(7)		1			
*	LOAD REGULATION (%) *(6)		1			
	DC OUTPUT POWER	40.8 W				
	EFFICIENCY(typ @Full Load)	80% at 100Vac/50Hz				
	INPUT VOLTAGE RANGE	90-264VAC, 127-373VDC, Normal: 100-240VAC				
	INPUT FREQUENCY	Range:47-63Hz, Normal: 50-60Hz				
	INRUSH CURRENT (typ)		COLD START 50A @ 230VAC			
	AC CURRENT	1A/100VAC				
	LEAKAGE CURRENT	<0.7mA/240VAC				
	SHORT CIRCUIT PROTECTION	short circuit protection will restart automatically after the fault condition is removed				
	OVER CURRENT PROTECTION	Constant Current				
	OVER V, PROTECTION	Shut down and latch off o/p voltage, re-power on to recover				
*	OPERATING TEMP.*(4)	-20 to +60°C @full load				
	STORAGE TEMPERATURE	-40 to +80°C				
	RELATIVE HUMIDITY	10 to +90%, non-cond.				
	TEMP. COEFFICIENT	0.03% / ℃ (0-50℃, typ)				
	SAFETY	UL 1310 / PSE				
	EMI	CE EN55022				
	DIMENSIONS(L*W*H)	132.5 * 58 * 37 mm 【5.22 * 2.28 * 1.46 inch】				

NOTES: (1)All parameters not specially mentioned are measured 230VAC input.

- (2)All specifications Typical @25 $^\circ\!\mathbb{C}$, unless otherwise noted, at normal line and load.
- (3)Ripple and Noise measured directly at pins/terminals at nom. load, 0.1uF bypass and 47uF electrolytic, pk-pk @20MHz bandwidth.
- (4) Specified for free-air convection cooling.
- (5)Minimum load is NOT required for proper operation .
- (6)Load regulation measured from 20% to Full load.
- (7)Line regulation measured from 100VAC to 240VAC.
- (8)Preset accuracy measured at normal load, 120VAC input.
- (9)100% Production Tested.

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