

Model NO.	LCCS-040■342	Model Name	Constant Current Power Supply
Part NO.	PLCCS0040■342	SIZE	95mm * 70mm * 32mm



FEATURES

- ◆ AC Input 100~240Vac
- ◆ Protection: SCP / OTP / OVP
- ◆ High Operating ambient Temp: -20℃ ~ +60℃
- ◆ Safety: Meet UL / TUV / CB
- ◆ EMC: CE
- ◆ Comply with Indoor/Outdoor Waterproof (IP 67)
- ◆ Dimension (mm): L*W*H: 95mm * 70mm * 32mm
- ◆ ROHS
- ◆ Power Factor: >0.95@115VAC >0.85@230VAC

Module : LCCS-040■342

*,# =SEE NOTES BELOW

*(8)	SPECIFICATION	LCCS-040■342		
		min.	norm.	max.
	DC OUTPUT VOLTAGE (V)		12	
*	PRESET ACCURACY (%) *(7)		5	
*	OUTPUT CURRENT(A) *(5)		3.4	
*	O/P NOISE (P-P, V) *(3)			2.5
*	LINE REGULATION (%) *(6)		10	
	DC OUTPUT POWER		40.8 W	
	EFFICIENCY(typ @Full Load)		81%	
	SETUP		3000ms at full load	115VAC/230VAC
	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		0.5A/100VAC 0.3A/240VAC	
	LEAKAGE CURRENT		0.7mA/264VAC	
	SHORT CIRCUIT PROTECTION		The SCP will restart automatically after the fault condition is removed.	
	OVER TEMP. PROTECTION		The power will derate on the current limit.	
	OVER V, PROTECTION		The OVP is latched shutdown mode.	
*	OPERATING TEMP.*(4)		-20 to +60℃ @full load	
	STORAGE TEMPERATURE		-40 to +80℃	
	RELATIVE HUMIDITY		0 to +95%	
	TEMP. COEFFICIENT		0.03% / °C (0-50℃, typ)	
	SAFETY		Meet UL / TUV EN 61347-2-13 / CB	
	EMI		CE EN55015	
	DIMENSIONS		95mm * 70mm * 32mm (L*W*H)	

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

(2)All specifications Typical @25℃, unless otherwise noted, at normal line and load.

(3)Ripple and Noise measured directly at pins/terminals at nom. load, @20MHz bandwidth.

(4)Specified for free-air convection cooling.

(5)Minimum load is NOT required for proper operation.

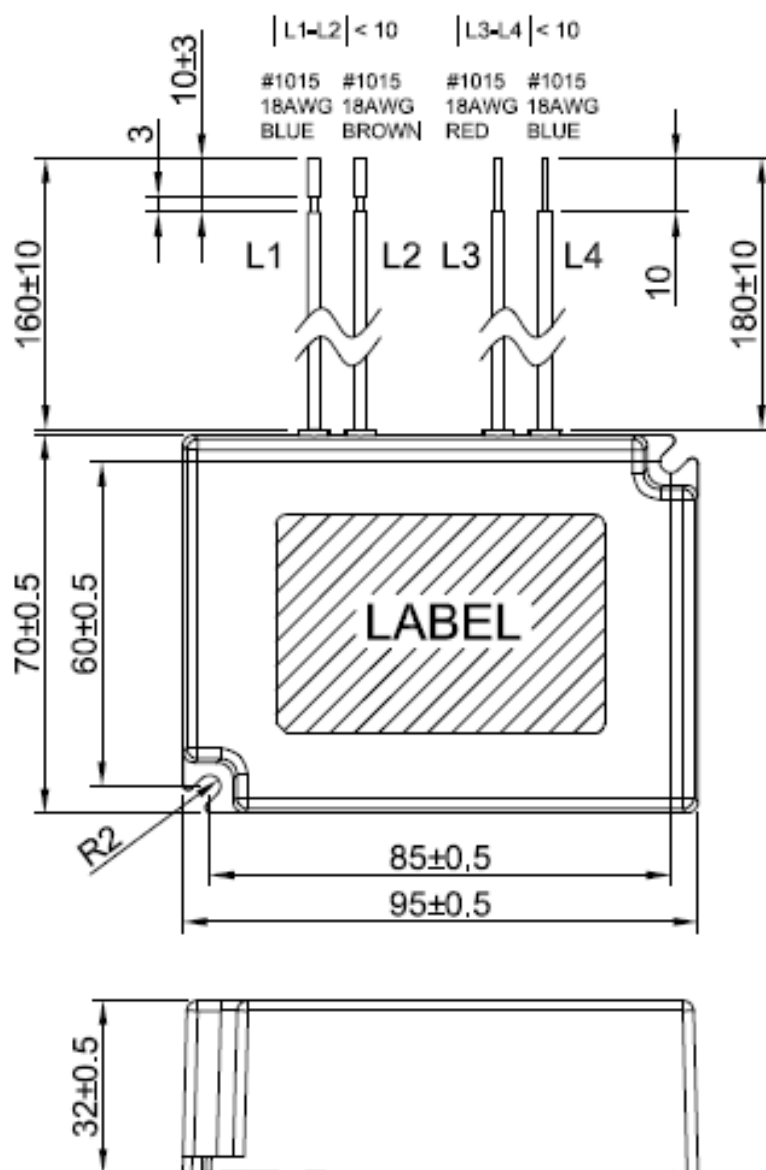
(6)Line regulation measured from 100VAC to 240VAC.

(7)Preset accuracy measured at normal load, 120VAC input.

(8)100% Production Tested.

Model NO.	LCCS-040■342	Model Name	Constant Current Power Supply
Part NO.	PLCCS0040■342	SIZE	95mm * 70mm * 32mm

Dimensions



※Reference