ARPJ-LA421400 (60W, 1400mA)

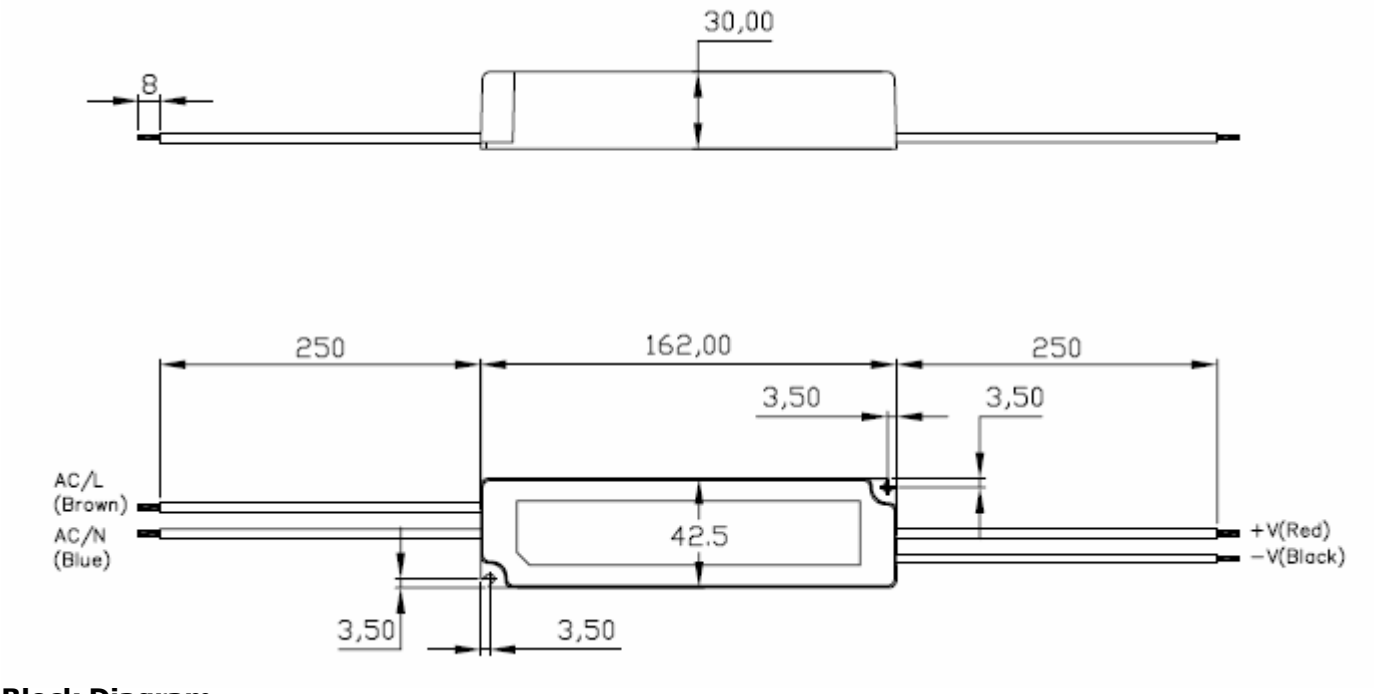
Application

- Constant current mode power supply
- Universal AC input/Full range
- Fully encapsulated with IP67 level
- Protections: Short circuit/Over current
- Small and compact size
- UL1310 Class 2 power unit, pass LPS
- 100% full load burn-in test
- Suitable for LED lighting and moving sign applications
- 2 years warranty

Specification

MODEL		ARPJ-LA421400 (60W, 1400mA)
OUTPUT	DC VOLTAGE	48V
	DC VOLTAGE RANGE	9-48V
	CURRENT RANGE	1400mA ±3%
	RATED POWER	60W
	RIPPLE & NOISE (max.)	200mVp-p
	VOLTAGE TOLERANCE	±3.0%
	LINE REGULATION	±1.0%
	LOAD REGULATION	±2.0%
	SETUP,RISE TIME	500ms, 250ms/230VAC 500ms, 250ms/115ac at full load
	HOLD UP TIME(Typ.)	50ms/230VAC 24ms/115VAC at full load
INPUT	VOLTAGE RANGE	90-264VAC
	FREQUENCY RANGE	47~63Hz
	EFFICIENCY(Typ.)	85% full load
	AC CURRENT(at full load)	1.4A/100AC 0.7A/240AC
	INRUSH CURRENT (max.)	COLD STAT 70A/230VAC
	LEAKAGE CURRENT	0.25mA/240VAC
PROTEC-TION	OVER CURRENT SHORT CIRCUIT	Above 105% rated output power.
		Protection type: Hiccup mode, recovers automatically after fault condition is removed.
	OVER TEMPERATURE	Tj 140°C typically(IC1) Detect on main control IC
		Protection type: Hiccup mode, recovers automatically after temperature goes down
ENVIRONMENT	WORKING TEMP.	-20~+50°C
	WORKING HUMIDITY	20~90% RH non-condensing
	STORAGE TEMP., HUMIDITY	-40~80°C, 10°C~95% RH
	TEMP.COEFFICIENT	±0.03%/°C (0°C~50°C)
	VIBRATION	10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X,Y, Zaxes
SAFETY & EMC	SAFETY STANDARDS	Design refer to UL1310 Class 2,TUV EN60950-1, EN61347-2-13, CAN/CSA C22.2 No. 223-M91, meet IP67
	WITHSTAND VOLTAGE	I/P-O/P:3KVAC
	ISOLATION RESISTANCE	I/P-O/P:>100M Ohms / 500VDC / 25°C~70%RH
	EMI CONDUCTION & RADIATION	Compliance to EN55022 (CISPR22) Class B
	HARMONIC CURRENT	Compliance to EN61000-3-2,-3
	EMS IMMUNITY	Complianc e to EN61000-4-2,3,4,5,6,8,11; ENV50204, EN55024, light industry level, criteria A
DIMENSION		162*42.5*30mm (L*W*H)

Mechanical Specification



Block Diagram