

Project name

Type

QTY

LW-LD022H-VU09024-Q22P



Features

- Universal Input range from 110 to 277 VAC
- Fully Potted suitable for dry and damp location applications
- Built-in active PFC Function
- Constant Voltage design (C. V mode)
- 1-10V Dimming Control
- UL8750 and CE compliant
- Protections :
 - Over current / Short Circuit / Over Temperature
- 3 years warranty

Safety Approval



Specifications

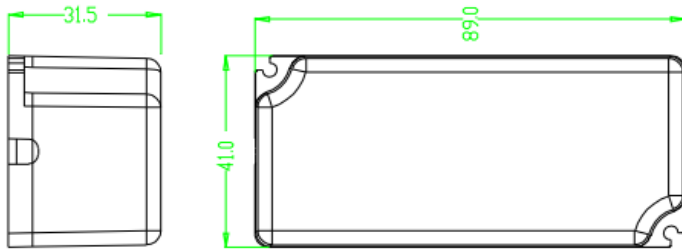
Model No.		LW-LD022H-VU09024-Q22P
Output	DC Voltage	24V
	Current Range	0~900 mA
	Rated Max. Power	22 W
	Voltage Tolerance	±5%
	Ripple & Noise (Max.) note.2	3.0 Vp-p
	Efficiency note.1	85%
	Set up Time (Max)	500ms/230VAC at full load
Input	Rated Voltage	110 - 277VAC
	Frequency Range	50 ~ 60Hz
	AC Current (Max.)	0.26A at 240VAC
	Power Factor	> 0.92 at 240VAC with full load.
	Inrush Current (Max.)	≤ 30A at 240VAC
Leakage Current	< 1 mA / 240VAC	
Protections	Over Current	130% - 160% Constant current limiting, auto-recovery
	Short Circuit	Hiccup mode, recovers automatically after fault condition is removed
	Over Temperature	Shut down o/p voltage, recovers automatically after temperature goes down.
Environment	Operation Temp.	-10°C ~ 60°C (Refer to output load derating curve)
	Operation Humidity	20% ~ 90% RH non-condensing.
	Storage Temp	-20°C ~ +80°C
	Storage Humidity	10% ~ 90% RH
Safety & EMC	Safety Standards	meet EN61347-1, EN61347-2-13, UL8750 refer UL1310
	Withstand Voltage	I/P - O/P : 3.75K VAC
	Isolation Resistance	I/P - O/P : 100M ohms / 500VDC at 25 °C
	EMI Conduction & radiation	meet EN55015
EMS Immunity	meet EN61000-4-2, 3, 4, 5, 6, 11 ; EN61547	
Connection	Input	UL rated, 18AWGx 2C (150 mm)
	Output	UL rated, 18AWGx 2C, 20 AWGx 3C (150 mm)
Others	MTBF	100K hours min. @Ta=25 °C
	Dimension (L*W*H)	89 * 41 * 31.5 mm
	Packing (L*W*H) / Carton	445 * 275 * 210 mm ; 100 pcs / 20 Kg
Note	1. All parameters NOT specially mentioned are measured at 230V AC input, rated load and 25°C ambient temperature. 2. Ripple & Noise are measured at 20MHZ bandwidth oscilloscope and with 0.1uf & 47uf parallel capacitor. 3. The power supply is considered a component which will be installed a final equipment. The final equipment must be re - confirmed that it still meets EMC directives.	

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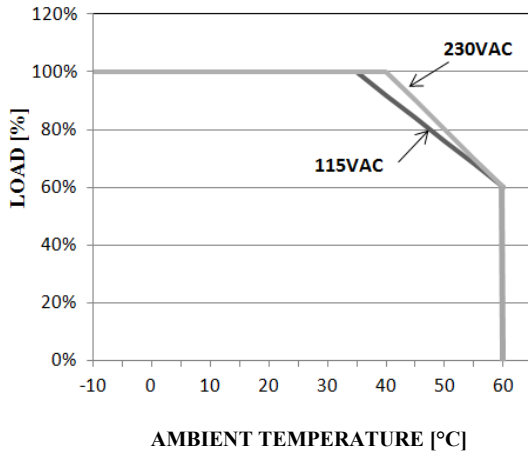
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Dimensions : 89 X 41 X 31.5 mm
3.5 X 1.6 X 1.2 in



■ **Derating Curve**



■ **Static Characteristics**

