

Project name

Type

QTY

LW-LD068H-VU28024-Q38P



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

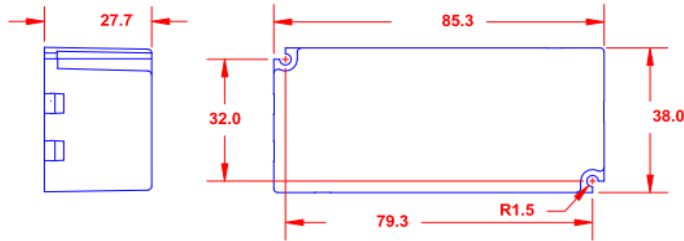
| Model No. | | LW-LD068H-VU28024-Q38P |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|
| Output | DC Voltage | 24V |
| | Current Range | 0~2800 mA |
| | Rated Max. Power | 68 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.) | 0.38A at 240VAC |
| | Power Factor | > 0.92 at 240VAC with full load. |
| | Inrush Current (Max.) | ≤ 30 A at 240 VAC |
| | Leakage Current | < 1 mA / 240VAC |
| Protections | Over Current | 130% ~ 160% rated output power Type : Hiccup Mode |
| | 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., Humidity | -20°C ~ +80°C , 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 |
| | 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, 18 AWGx 5C (150 mm) , (Vo+, Vo-, DIM+, DIM-, 10V) |
| Others | MTBF | 100K hours min. @Ta=25 °C |
| | Dimension (L*W*H) | 138 * 47 * 32 mm |
| | Packing (L*W*H) / Carton | 340 * 305 * 200 mm ; 50pcs / 19 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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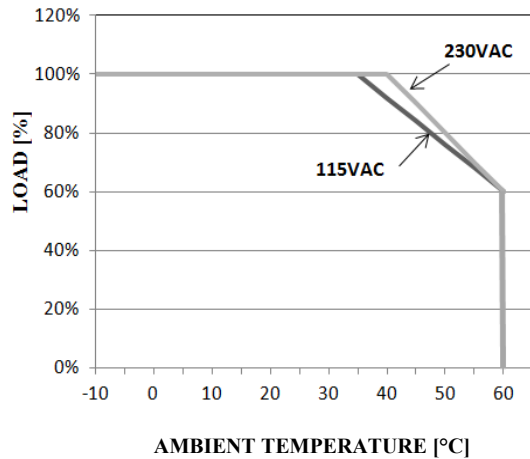
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Dimensions : 85.3 X 38.0 X 27.7 mm
3.4 X 1.5 X 1.1 in



Derating Curve



Static Characteristics

