

Project name

Type

LW-DIM-0-10V-100~277VAC-CV-24V-100W-IP44-JBX

Features

- Universal Input range from 110 to 277VAC
- Fully potted suitable for dry and damp location applications
- Built-in active PFC function
- Constant Voltage design
- 0-10V Dimming Control
- UL8750 and CE compliant
- Protection: Over Current / Short Circuit / Over Temperature



Specification

Output	DC Voltage	24V
	Current Range	4.2A
	Rated Power	100W
	Voltage Tolerance	±3%
Input	Voltage Range	110-277VAC
	Frequency Range	47-63Hz
	Power Factor (Typ.) @Full Load	>0.93 @240VAC
	Efficiency (Typ.)	85%
	AC Current (Max.)	0.45A @240VAC
	Inrush Current (Typ.)	Cold Start: 30A @240VAC
	Leakage Current	<3mA @240VAC
Protection	Short Circuit	Hiccup mode, recovers automatically after fault condition is removed
	Over Current	100% - 120% constant current limiting, auto-recovery
Environment	Working Temperature	-10°C ~ +40°C
	Working Humidity	20% ~ 90%RH, non-condensing
	Storage Temperature & Humidity	-20°C ~ +80°C 10% ~ 90%RH
Safety & EMC	Safety Standards	UL8750, EN61347-1, EN61347-2-13
	EMC Standards	Meets EN55015, EN61000-4-2, 3, 4, 5, 6, 8, 11, EN61547
	Withstand Voltage	I/P-O/P: 3.75KVAC
	Isolation Resistance	I/P-O/P: 100MΩ 500VDC 25°C
Others	Net Weight	0.9kg
	Dimensions	314 x 64 x 40mm 12.36 x 2.52 x 1.57in (L x W x H)

All parameters if NOT specified otherwise are measured at 230VAC input, rated load and 25°C ambient temperature. To extend the driver's using life, please reduce the loading at lower input voltage.

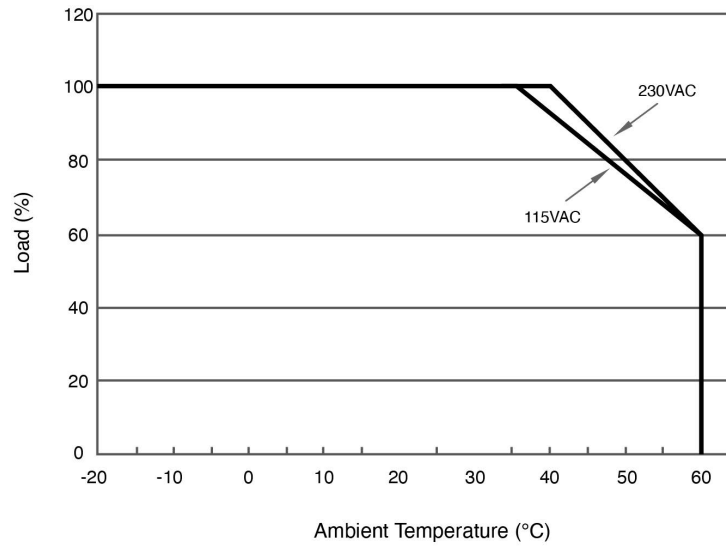
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QTY

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Derating Curve



To extend their life, please refer to the Derating Curve and derate according to the temperature

Dimensions

