PROJECT NAME:_____ CAT. #: _____

NOTES:_____ FIXTURE SCHEDULE:_____

TRIAC CONVERTER 0-10V WITH 12V AUX



TRC-600W-010V

Overview

TRC-600W-010V powerpack converts 0-10V to Triac load dimming. The powerpack features 12V signal to power up sensors and when connected with other Bluetooth 0-10V devices (sensors or nodes), one can add wireless network controls with TRIAC dimmable loads (e.g Downlights or Chandeliers).

Applications:

Ideal for retrofit or new construction applications with existing Triac or ELV dimming load (e.g Downlights/Chandeliers)

- Office, Showroom, Lobby
- Retail/Hospitality
- Schools/University
- Multi-family Residential

Ordering Information

MODEL NUMBER	DESCRIPTION	UPC	ORDER CODE
TRC-600W-010V	TRIAC CONVERTER 0-10V WITH 12V AUX	767627055805	110875

MODEL NUMBER	TRC-600W-010V
OPERATING VOLTAGE	120-277V
OPERATING FREQUENCY	50/60Hz
MAX LOAD CURRENT	2.1A
INPUT SIGNAL DIMMING	Analog 0-10V (Linear)
OUTPUT DIMMING	Forward/Reverse phase dimming
OUTPUT AUX POWER	12V 80mA max
FACTORY RESET	RESET Button
SAFETY	cULus Listed E511069 Light-emitting-diode Controllers
FCC	47 CFR Part 15, Subpart A
OPERATING TEMPERATURE	32°F to 104°F / 0°C to 40°C
RELATIVE HUMIDITY	8~80% non-condensing
COLOR	WHITE
DIMENSIONS	3.24” x 2.16” x 1.22” (LxWxH)

Features

- Convert 0-10V signal to TRIAC dimming
- Class 2 device with standard 1/2’’ threded nipple to easily attach to a junction box
- Built-in 0 -10V interface to connect to sensor, node or dimmer
- Compatible with universal 0-10V signal
- Integrated 12V Aux power supply output enables users to connect sensors and IoT applications
- Compatible with c-Max Lighting controls (low voltage sensor or nodes) for flexible control
- Support reverse edge (trialing edge) type LED driver
- 5 years warranty

5-year standard warranty (further details available at www.maxlite.com/warranties) Product may be eligible for a warranty extension to 10 years, for an additional fee. Contact MaxLite for details.

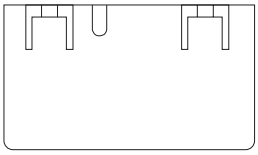
© 2024 Specifications subject to change without notice.

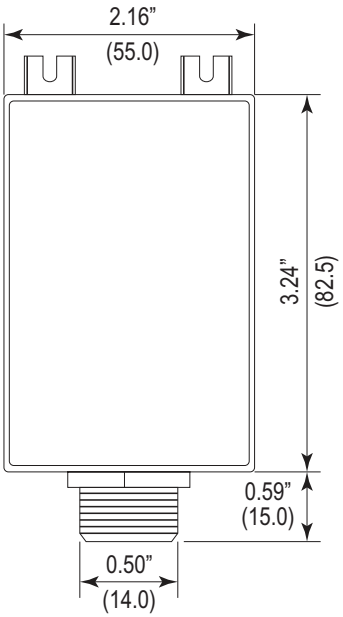
TRIAC CONVERTER 0-10V WITH 12V AUX

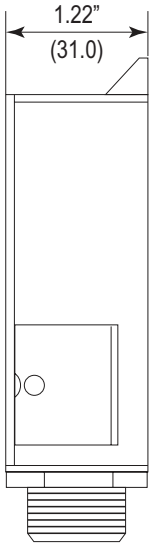
Compatibility Table

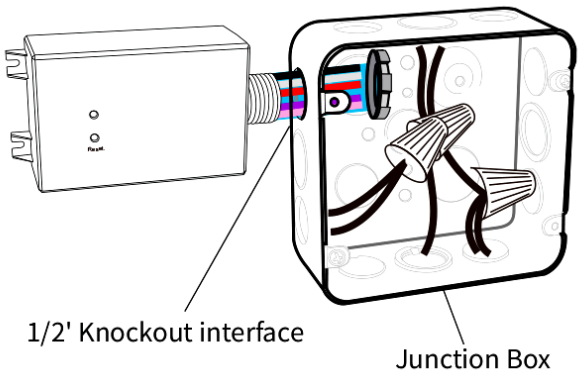
	COMPATIBLE LOAD TYPES	D TYPE
LOAD SYMBOL	LOAD TYPE	MAXIMUM LOAD
	Incandescent Lighting HV Halogen Lamps	1*252W @120V 1*415W @ 277V
	Low Voltage Halogen Lighting with Electronic Transformers	1*252W @120V 1*415W @ 277V
	Dimmable LED Lamps/Drivers	1*126W @120V 1*207W @ 277V

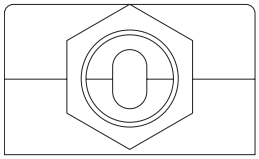
Product Dimensions











© 2024 Specifications subject to change without notice.

TRIAC CONVERTER 0-10V WITH 12V AUX

Wiring Diagram

1. **TRC-600W-010V: Using 0-10V Dimmer:**
Connect the TRC-600W-010V to the junction box or luminaire following the wiring diagram. (**FIG. 2**)

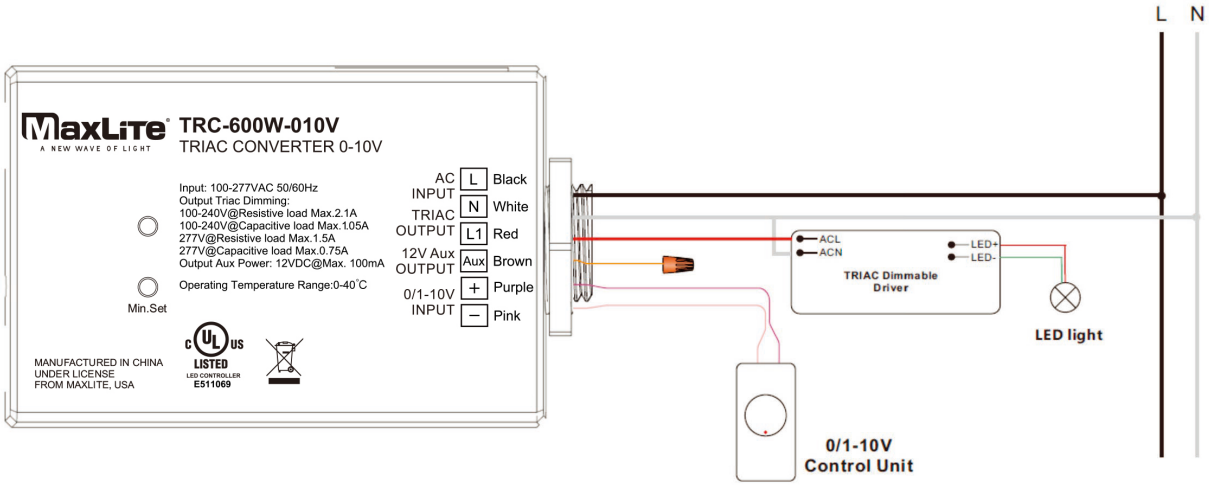


FIG. 2

2. **TRC-600W-010V: Using low voltage sensors:**
Connect the TRC-600W-010V to the junction box or luminaire following the wiring diagram. (**FIG. 3**)

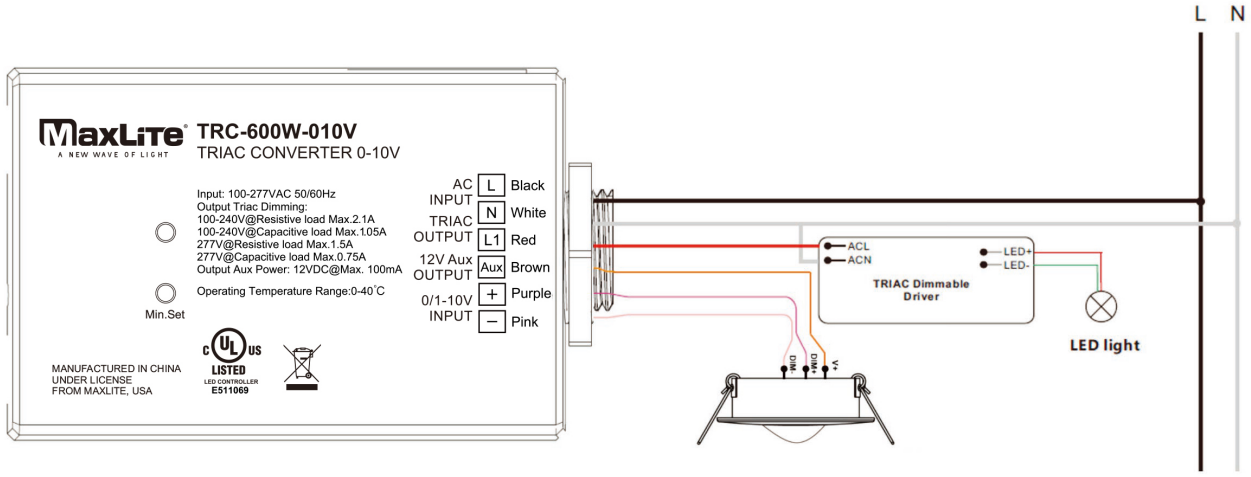


FIG. 3

Commissioning

TRC-600W-010V, when combinded with a c-max lighting control sensor or network controlled node, will convert the 0-10V signal to triac dimming. A triac load can now be easily networked and commissioned.

Visit www.maxlite.com/cmax for How-to-Videos and a comprehensive commissioning guide.

© 2024 Specifications subject to change without notice.