FL-DMT288 Multi-Output Enclosed Driver, 288 W

TRIAC (phase-cut) dimmable, three outputs
Electronic constant-voltage LED driver, 24V DC, 3 × 4 A (3 × 96 W), 288 W

CAUTION

To reduce the risk of fire, electric shock or injury, read all of these instructions before you install the system. All installation work and electrical wiring must be done by a qualified electrician, following every applicable code and standard, such as the NEC and local building codes, including those for fire-rated construction.

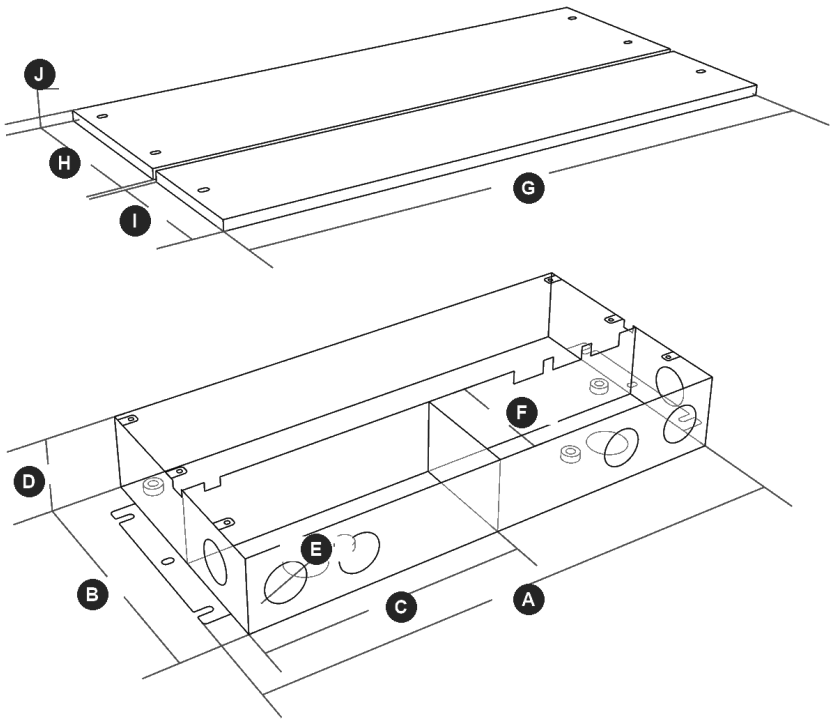
WARNING

1. Branch-circuit conductors up to 12 AWG rated 105°C are permitted in the wiring box.
2. Risk of electric shock. Disconnect the AC supply before installing.
3. There are no serviceable parts inside. Do not open the driver enclosure.
4. Load each output to no more than 4 A (96 W).

QUICK SPECS

- 24V DC constant-voltage output, PWM
- Three outputs, 4 A (96 W) each, 288 W total
- Input 100–277VAC, 47–63 Hz
- Load 10–100%
- Dimming: TRIAC (phase-cut), 10–100%
- Class 2 output
- Dry, damp and wet locations
- Short-circuit, overload and over-temperature protection
- For all other specifications, see the product label or the FL-DMT288 spec sheet

DIMENSIONS



DIM.	INCHES	MM
A	11.85	301
B	5.31	135
C	5.41	137.5
D	1.73	44
E	Ø0.87	Ø22.2
F	2.36	60
G	11.06	281
H	2.91	74
I	2.59	66
J	0.21	5.5

G–J: cover. Overall size 11.85 × 5.51 × 1.77 in (301 × 140 × 45 mm), L × W × H.

BEFORE YOU INSTALL

1. Make sure the power is off before you install or modify the driver.
2. Do not install the driver where the ambient temperature is high (working range -40°F to +140°F / -40°C to 60°C) or near a source of fire.
3. This driver is designed for 100–277VAC line voltage. Any other supply will damage it and void the warranty. Class 2 output, as marked on the label.

INSTALLING THE DRIVER

a. **Prepare.** Before mounting, remove the cover, open the wiring compartment and remove the knockouts for the input and output. Fit strain reliefs (wire clamps).

b. **Mount.** Place the driver on the mounting surface and tighten the screws through its mounting holes.

c. **Input connection.** Bring the line (black) and neutral (white) supply wires through the strain relief on the input side and join them to the driver's black and white leads with correctly sized, listed wire nuts. Connect the ground wire (green) to a suitable ground. Waterproof wire nuts are recommended.

d. **Output connection.** The driver has three outputs, each with a red (+) and a black (−) lead. Bring the wires of each LED tape run through the strain relief on the output side and join them to one output's red (+) and black (−) leads with correctly sized, listed wire nuts. Keep each output at or below 4 A (96 W). Make sure every connection is tight.

e. **Grounding.** The driver is grounded to its enclosure; ground the enclosure in accordance with the NEC and local code, and connect the driver's green lead to ground.

f. **Dimmer connection.** Fit the TRIAC (phase-cut) dimmer on the line (L) that feeds the driver, as shown in the wiring diagram.

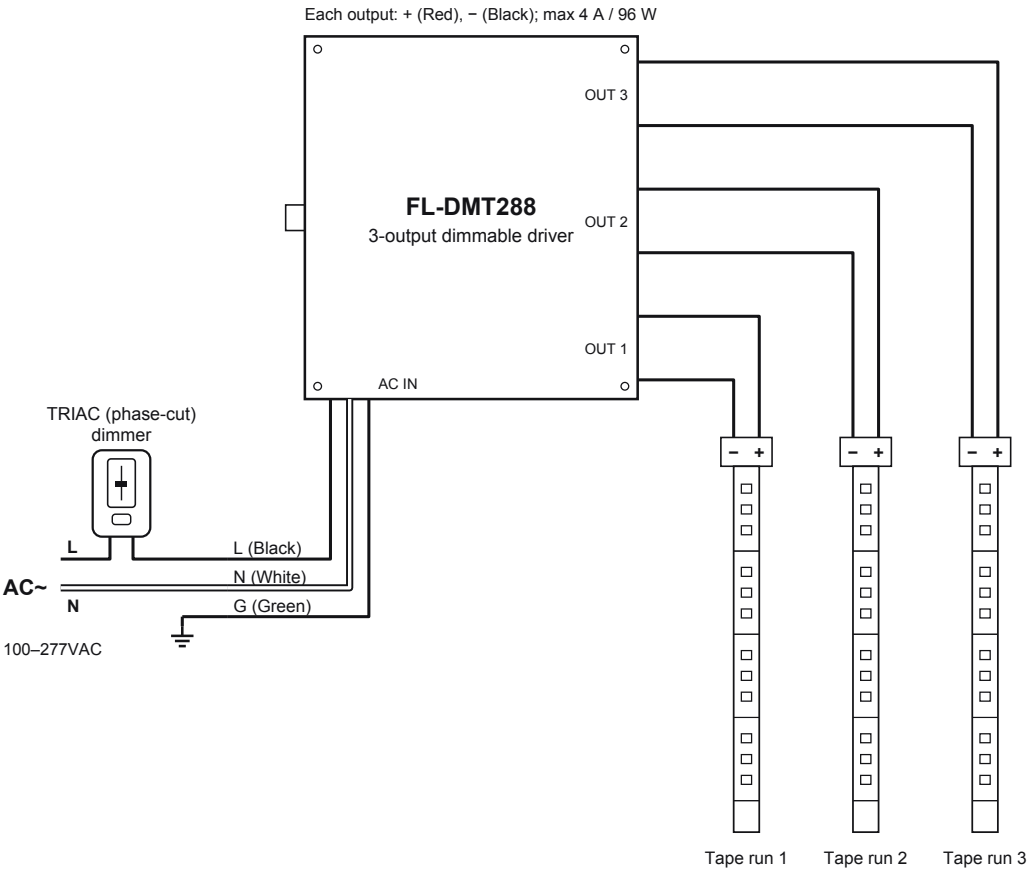
g. **Assembly.** Refit the cover and tighten its screws.

h. **Wire range.** Follow the wire range and strip length given for each connector type you use.

WIRING DIAGRAMS

These diagrams are for reference only. Your dimmer may be wired differently, so always follow the wiring diagram supplied by the dimmer's manufacturer.

1 TRIAC (phase-cut) dimming, three outputs



LEADS (PRODUCT LABEL)

AC L	Black Line input
AC N	White Neutral input
Ground	Green Ground
LED+	Red Output +, on each of the 3 outputs
LED−	Black Output −, on each of the 3 outputs

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