

LOW VOLTAGE LIGHTING POWER SUPPLY

45W, 12 VOLT AC OUTDOOR LOW VOLTAGE TRANSFORMER FOR LANDSCAPE LIGHTING FIXTURES

MODEL NO.: DA-45-12W-1, ITEM NO.: 141768

CAUTION: PRIOR TO INSTALLATION, PLEASE READ IMPORTANT SAFETY INSTRUCTIONS THOROUGHLY

This transformer has an output rating of 45 Watts, 12 Volts AC. The maximum load (combined wattage of all fixtures) connected to this transformer should not exceed 45 Watts.

MOUNTING THE TRANSFORMER

Using fasteners suitable for your mounting surface, mount no less than 20 inches above the ground. (Fig. 1) Do not mount transformers in heavily shaded areas or where excessive ambient light will affect the photocell. The transformer should be mounted outdoors and connected to a grounded GFCI outdoor electrical outlet.

CONNECTING THE LOW VOLTAGE CABLE

Strip 3/8" of insulation off the ends of the low voltage cable. Insert stripped ends under pressure plates. Tighten pressure plates securely onto the bare wire. (Fig. 2)

OPERATION INSTRUCTIONS

Note: The timer settings for powering ON the transformer are controlled by a photocell. (Fig. 1) Photocells are designed to recognize daylight and darkness. The photocell will automatically turn power on at dusk and supply power for the designated time setting you select.

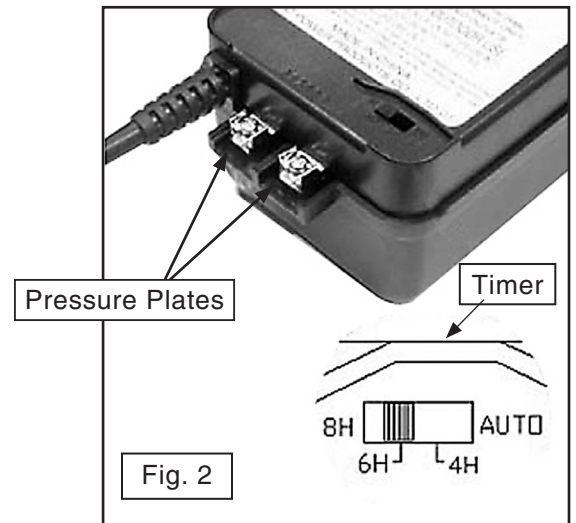
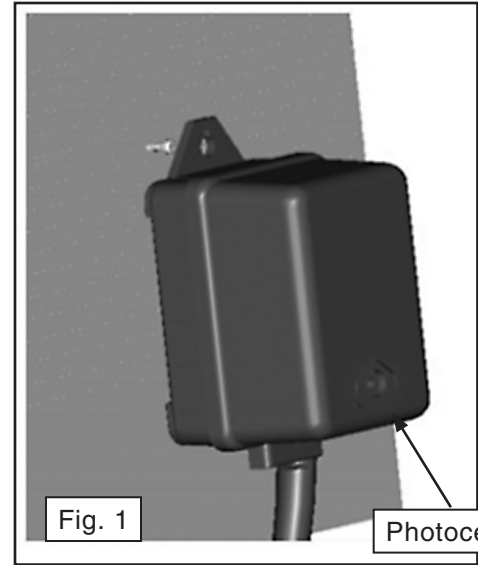
Before plugging the transformer into an electrical outlet, select the timer setting according to the instructions below.

On the back of unit, move the slide switch to one of the four positions. (Fig. 2) "Auto" sets the transformer for "Dusk to Dawn" operation (turns power ON at dusk and turn power OFF at dawn).

"4H" turns transformer ON at dusk for 4 hours operation.

"6H" turns transformer ON at dusk for 6 hours operation.

"8H" turns transformer ON at dusk for 8 hours operation.



IMPORTANT SAFETY INSTRUCTIONS:

SAVE THESE INSTRUCTIONS: This manual contains important safety and operating instructions for power units. When using electrical products, basic precautions should always be practiced including the following:

1. Read and follow all instructions that are on the product or provided with the product.
2. For a cord-connected or direct plug-in power unit, do not use an extension cord.
3. Reference the National Electrical Code, ANSI/NFPA 70, specifically for the installation of wiring and clearances from power and lighting conductors.
4. Installation work and electrical wiring must be done by qualified person(s) in accordance with all applicable codes and standards, including fire-rated construction.
5. For a cord-connected or direct plug-in power unit, do not install or use within 10 feet of a pool.
6. For a direct plug-in or cord-connected power unit marked:
WARNING: Risk of Electric Shock. When used outdoors, install only to a covered Class A GFCI protected receptacle that is weatherproof with the power unit connected to the receptacle. If one is not provided, contact a qualified electrician for proper installation. Ensure that the power unit and cord do not interfere with completely closing the receptacle cover.
7. WARNING: Risk of Fire. Installation involves special wiring methods to run wiring through a building structure. Consult a qualified electrician.

The diagrams and instructions in this brochure are for illustration purposes only and are not meant to replace a licensed professional. Any construction or use of the product must be in accordance with all local zoning and/or building codes. The consumer assumes all risks and liability associated with the construction or use of this product. The consumer or contractor should take all necessary steps to ensure the safety of everyone involved in the project, including, but not limited to, wearing the appropriate safety equipment. EXCEPT AS CONTAINED IN THE WRITTEN LIMITED WARRANTY, THE WARRANTOR DOES NOT PROVIDE ANY OTHER WARRANTY, EITHER EXPRESS OR IMPLIED, AND SHALL NOT BE LIABLE FOR ANY DAMAGES, INCLUDING CONSEQUENTIAL DAMAGES.

LOW VOLTAGE LIGHTING POWER SUPPLY

120W, 12 VOLT AC OUTDOOR LOW VOLTAGE TRANSFORMER FOR LANDSCAPE LIGHTING FIXTURES

MODEL NO.: DA-120-12W-1, ITEM NO.: 141769

CAUTION: PRIOR TO INSTALLATION,

PLEASE READ IMPORTANT SAFETY INSTRUCTIONS THOROUGHLY

This transformer has an output rating of 120 Watts, 12 Volts AC. The maximum load (combined wattage of all fixtures) connected to this transformer should not exceed 120 Watts.

MOUNTING THE TRANSFORMER

Using fasteners suitable for your mounting surface, mount no less than 20 inches above the ground. Do not mount transformers in heavily shaded areas or where excessive ambient light will affect the photocell. The transformer should be mounted outdoors and connected to a grounded GFCI outdoor electrical outlet.

CONNECTING THE LOW VOLTAGE CABLE

Strip 3/8" of insulation off the ends of the low voltage cable. Insert stripped ends under pressure plates. Tighten pressure plates securely onto the bare wire. (Fig. 2)

OPERATION INSTRUCTIONS

Note: The timer settings for powering ON the transformer are controlled by a photocell. (Fig. 1) Photocells are designed to recognize daylight and darkness. The photocell will automatically turn power on at dusk and supply power for the designated time setting you select.

Open the clear cover on the front of unit. Rotate the timer rotary control switch to one of the six positions. (Fig. 1 and 3)

"ON" turns the transformer ON for 24 hour operation.

"OFF" turns the transformer OFF.

"Auto" sets the transformer for "Dusk to Dawn" operation (turns power ON at dusk and turns power OFF at dawn).

"4H" turns transformer ON at dusk for 4 hours operation.

"6H" turns transformer ON at dusk for 6 hours operation.

"8H" turns transformer ON at dusk for 8 hours operation.

CIRCUIT BREAKER

The transformer includes a resettable circuit breaker to protect against short circuits in the secondary field wiring. (Fig. 1) Should power turn off to the secondary unexpectedly, check for shorts in the landscape wire and fixtures before resetting the circuit breaker.

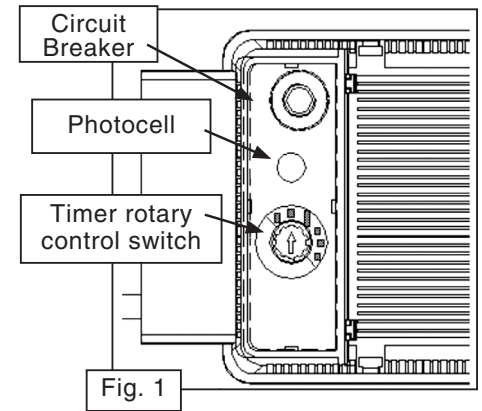


Fig. 1

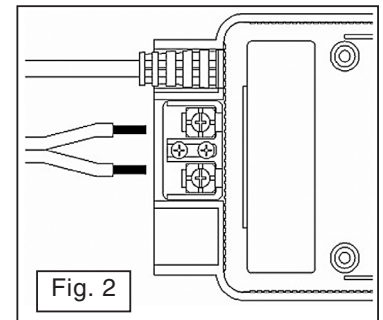


Fig. 2

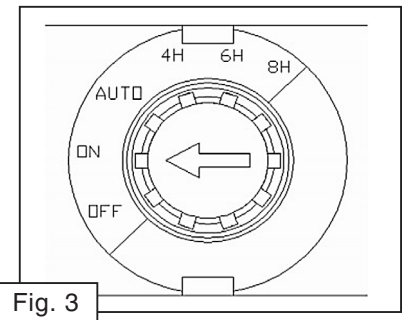


Fig. 3

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4. Installation work and electrical wiring must be done by qualified person(s) in accordance with all applicable codes and standards, including fire-rated construction.
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6. For a direct plug-in or cord-connected power unit marked:
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