



Libertyville, Illinois 60048
www.intermatic.com

Photocontrol Contractor Box

Model PCCB32A2P

Installation Manual

SAFETY SECTION

Warning

Risk of Fire or Electric Shock

- Disconnect all power at the circuit breaker(s) or disconnect switch(es) before installing or servicing.
- More than one circuit breaker or disconnect switch may be required to de-energize the equipment before servicing.
- Installation and/or wiring must be in accordance with National and Local Electrical Code requirements.
- If the power disconnect point is out of sight, lock it in the OFF position and tag it to prevent unexpected application power.
- Load Voltage lead sizes #14 - #10 AWG, rated to at least 75°C - USE COPPER CONDUCTORS ONLY.
- Make sure there is no wire insulation under the terminal plate on the box lug connectors. Firmly tighten terminal screws.
- For outdoor locations or wet locations (rain-tight), conduit hubs that comply with requirements of the UL514B (standard for fitting conduit and outlet boxes) are to be used.
- Do NOT exceed maximum current carrying capacity.
- Door must be secured in place when not servicing.
- KEEP DOOR CLOSED AT ALL TIMES when not servicing.

DESCRIPTION

This document explains the installation and configuration of the Intermatic Photocontrol Contractor Box with an Indoor/Outdoor Type 3 enclosure. The built-in photocontrol automatically switches the loads ON/OFF according to the photocontrols ON/OFF activation levels. The Contractor box features a Twist Lock photocontrol, a 32 A, 2-Pole contactor, and a 40 A, 2-Pole Circuit Breaker.

Note: *The circuit breaker is not being used as a safety device but only as a switch to remove power to the load that is being controlled by the contactor.*

Follow the below instructions to complete the installation of the Intermatic Photocontrol Contractor Box.

INSTALLATION INSTRUCTIONS

Review Warnings Section before installation.

1. Disconnect all power at circuit breaker(s) or disconnect switch(es) before installing or servicing.
2. Open the enclosure door by loosening the screw at the bottom of the enclosure.
3. Choose and remove the selected knockout(s) from the enclosure.
Note: *There are a total of (4) 1/2" - 3/4" knockouts available. See the drawings section for locations.*
4. Place the enclosure in the desired location.
5. Securely mount enclosure using attached mounting tabs.
6. Use appropriately rated fittings for the installation.
7. Connect the wires to the proper terminals. (See wiring diagram).
 - See specifications section for wire and torque requirements.
8. Connect appropriately sized ground wire to grounding screw. (Green Screw)
9. Close and secure enclosure door with screw at the bottom of the enclosure.
10. Install Intermatic approved Twist Lock Photocontrol into receptacle at the top of the unit.
11. Apply power to the circuit.

SPECIFICATIONS

Input Voltage: 208-220 VAC, 50/60 Hz; 208-240 VAC, 60 Hz

Wire Size & Torque:

- Contactor Side Wire Size: #14 - #10 AWG, 25 in-lbs torque
- Circuit Breaker: #14 - #6 AWG, 45 in-lbs torque

Enclosure: Type 3 Indoor/Outdoor

Knockouts: (4) - 1/2" - 3/4"

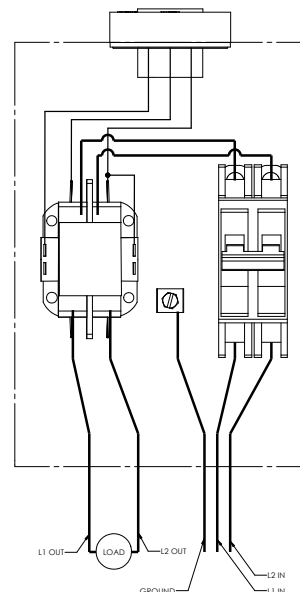
Contactor Switch: 32 A, 2-Pole

Circuit Breaker: 40 A, 2-Pole

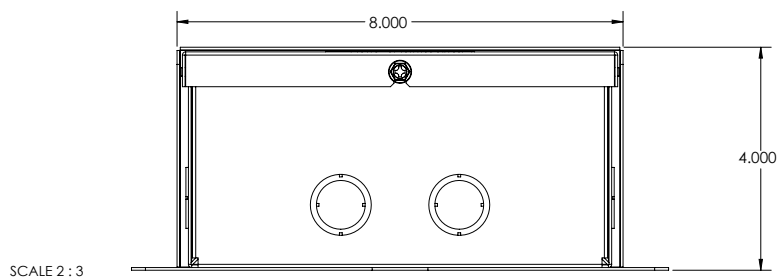
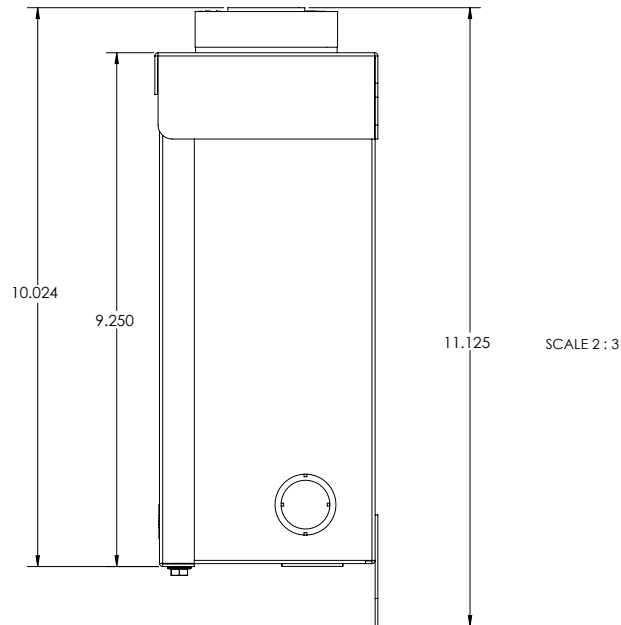
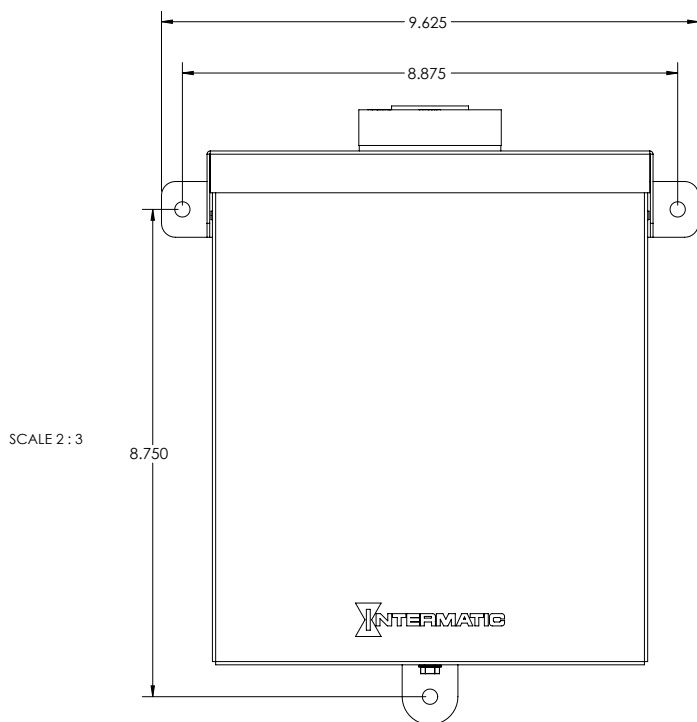
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Photocontrol/Shorting Cap: Refer to photocontrol or shorting cap being used for specifications.

Note: *Use only appropriately rated Intermatic Photocontrols and Shorting Caps.*



ENCLOSURE DIMENSIONS AND KNOCKOUT LOCATIONS



LIMITED WARRANTY

Warranty service is available by either (a) returning the product to the dealer from whom the unit was purchased or (b) completing a warranty claim online at www.intermatic.com. This warranty is made by: Intermatic Incorporated, Customer Service 1950 Innovation Way, Suite 300, Libertyville, IL 60048. For warranty service go to: <http://www.intermatic.com> or call 815-675-7000.

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