

Installation Guide

Mounting

The REE-2103 (with **four** triac outputs) and REE-2104 (with **one** triac output) solid-state relays (with zero-crossing AC switching) may be mounted in any position. They optionally may be mounted in an HCO-1008/1009 enclosure (see Accessories section).

To mount:

1. Carefully remove the circuit board from the Snap Track.

⚠ CAUTION

Do NOT bend or flex the circuit board.

2. Mount the Snap Track in the desired location.
3. Replace the circuit board on the track.

NOTE: See the data sheet for product specifications.

Accessories

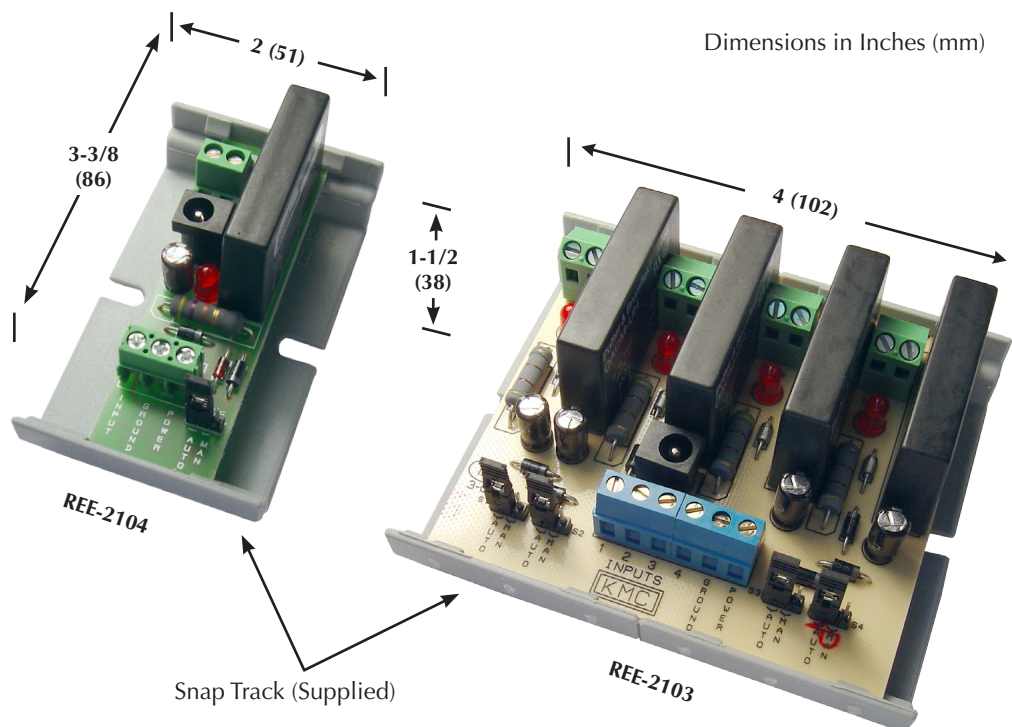
HCO-1008

Steel enclosure with plastic cover, 3-1/8 W x 5-1/8 H x 2-9/16" D (for REE-2102)



HCO-1009

Steel enclosure, 9-5/8 W x 5-1/8 H x 2-9/16" D (for REE-2101)



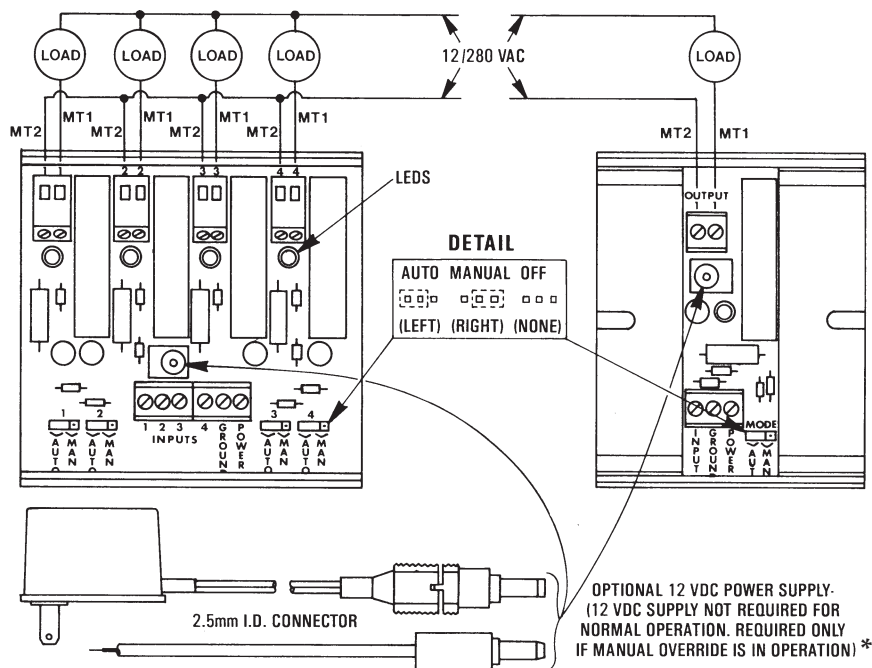
Connections and Wiring

1. Remove and save the AUTO-MANUAL-OFF jumper.
2. Wire the input(s) common ground to "GND" of the INPUT terminal block.
3. Wire the individual (6–40 VDC or 24 VAC) input(s) to the appropriate terminal(s) of the INPUT block.

NOTE: Putting the jumper into the "MANUAL" position turns on the triac relay (when no triggering voltage is present on the input). If "MANUAL" mode is to be used, wire power (6–40 VDC or 24 VAC) to the

"POWER" terminal of the INPUT terminal block. This must have the same reference ground as the inputs.

4. Wire the individual output(s) to the appropriate terminals of the OUTPUT terminal block.
- NOTE:** Triacs are for switching **AC only**. Output rating is up to 5 A at 280 VAC. See the data sheet for additional specifications.
5. The triac output must be in series with the load and transformer output.
 6. Replace the jumper to the "AUTO" position.



***NOTE:** The jack on the board for a plug-in transformer was discontinued on units built after May 2013. Connect auxiliary (manual override) power to the Power and Ground terminals instead. If an older unit that uses a plug-in transformer is being replaced, cut the plug off the transformer cable and connect the wires to the Power and Ground terminals.

Maintenance

No routine maintenance is required. Each component is designed for dependable, long-term reliability, and performance. Careful installation will also ensure long-term reliability and performance.

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