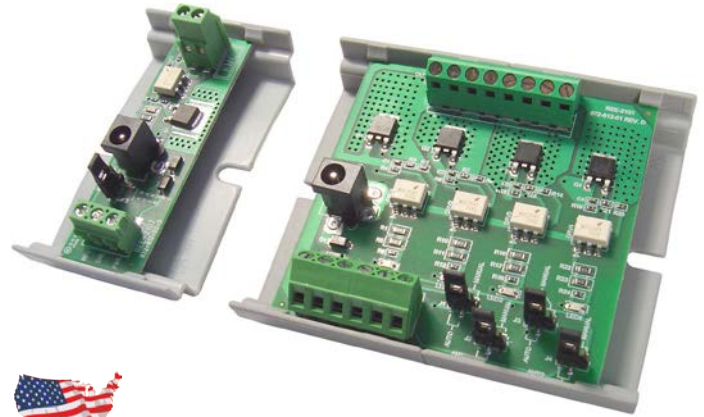


Description and Application

These solid-state triac relays provide zero-crossing AC switching (**up to 1 A at 30 VAC**) for use in building automation systems or any system where transients may pose a problem.

The REE-2101 relay provides four separate outputs, and the REE-2102 provides a single output. A status LED is associated with the output of each relay to indicate when the output is switched on. An Auto-Manual-Off jumper is provided so the output may be overridden.

(For higher power needs, see the data sheet for the REE-2103/2104 relays. Note that triacs are for switching AC only.)



Features

- ◆ Precise zero crossing for fast switching
- ◆ High immunity to false operation
- ◆ No mechanical contacts for reduced costs and downtime
- ◆ Output rating of up to 1 A at 30 VAC

Models

REE-2101	Four triac output with zero-crossing AC switching
REE-2102	One triac output with zero-crossing AC switching

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)

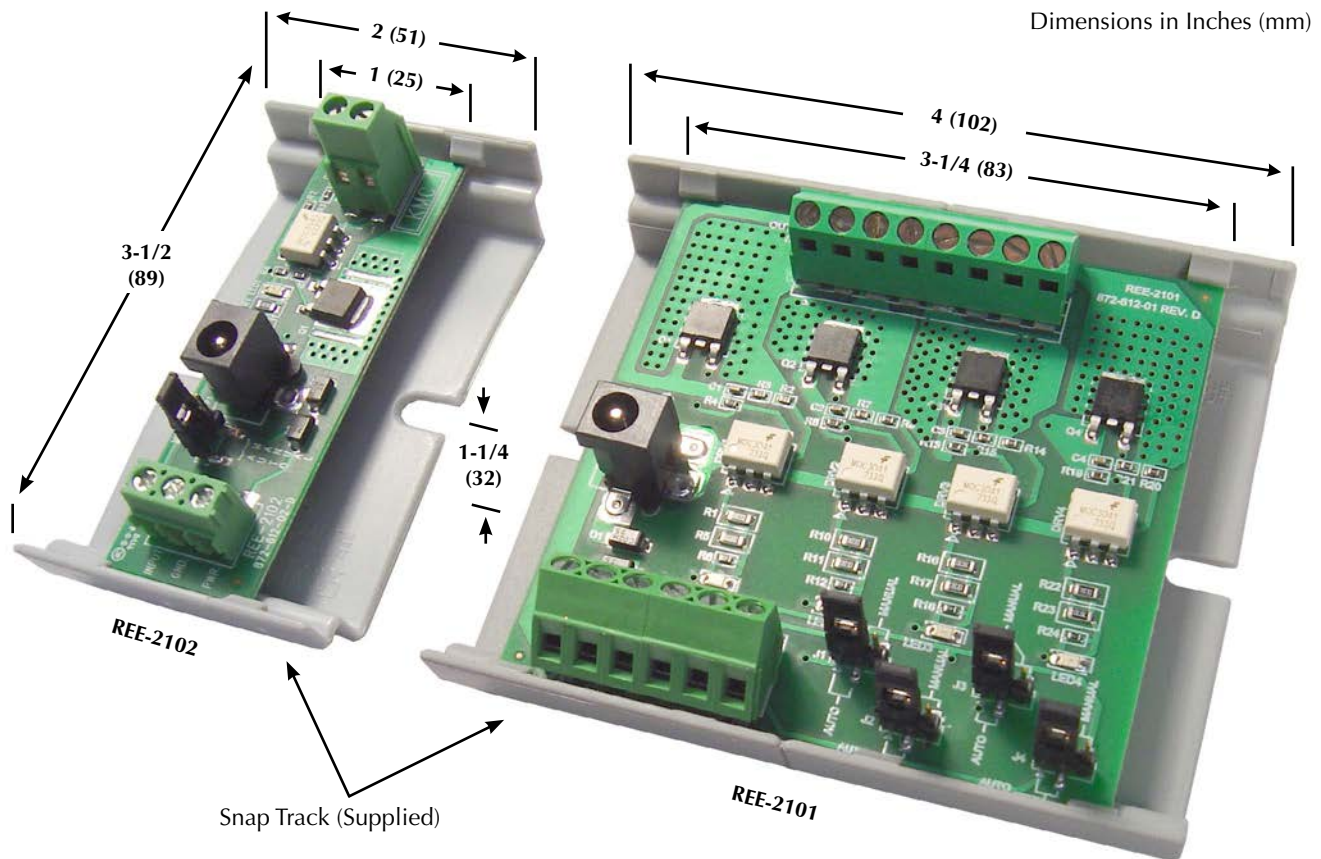


HCO-1009

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



Dimensions



Specifications

Output Rating 12 VAC min. to 30 VAC max.,
20 mA min. to 1 amp. max.*

*NOTE: For higher power needs, see the data sheet for the REE-2103/2104 relays.

Control Input Power 10 to 14 VDC, 18 to 30 mA

Auxiliary Power (Manual Override)**

REE-2101 10 to 14 VDC, 72 to 120 mA

REE-2102 10 to 14 VDC, 18 to 30 mA

**NOTE: Auxiliary Power is only required to enable manual-override functions.

Connections

Input/Output Screw terminals for 18–22 AWG copper

Auxiliary Power Screw terminals for 18–22 AWG copper or 2.5 mm female connector

Mounting Not position sensitive;
Provided with 3.25" (83 mm)
Snap Track

Material Flame retardant plastic

Weight

REE-2101 2.6 oz. (74 grams)

REE-2102 1.2 oz. (34 grams)

Temperature Limits

Operating 0 to 120° F (–18 to 49° C)

Shipping –40 to 140° F (–40 to 60° C)

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