

Description and Applications

This high-power solid-state triac relay provides zero-crossing switching (**up to 5 A at 280 VAC**) for use in energy management systems and where transients may pose a problem.

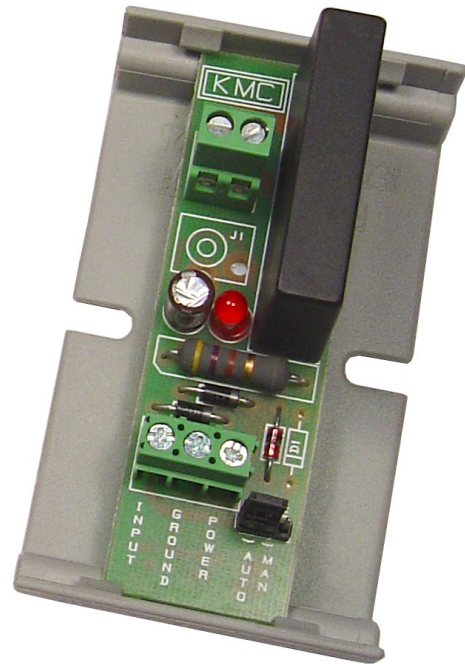
A status LED is associated with the output of the relay to indicate when the output is switched on. An Auto-Manual-Off jumper is provided so the output may be overridden (manual override operation requires auxiliary power).

NOTE: The four-relay REE-2103 has been discontinued. For a replacement, use multiple REE-2104s. For less demanding applications, see also the (1 A) [REE-2102 relay](#).

NOTE: Triacs are for switching AC only.

Features

- ◆ Precise zero crossing for fast switching of AC power
- ◆ Optically isolated with 4000 V_{rms} isolation
- ◆ High immunity to false operation
- ◆ No mechanical contacts for reduced costs and downtime
- ◆ Output rating of up to 5 A at 280 VAC



Still... Made in the U.S.A.

Specifications

Output Rating (47 to 63 Hz @ 25° C)

Parameter	Min.	Max.
Load Voltage	24 VAC	280 VAC
Load Current	0.05 A	5 A
Horsepower Rating (@ 240 VAC)		1/2 hp

Input Power (Control and Auxiliary)*

24 VAC (1.6 VA max.) or
6 to 40 VDC (4 to 56 mA)

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

Connections

Screw terminals for 18 to 22 AWG copper

Mounting

Provided with 3.25" (83 mm) Snap Track; mounting is not position sensitive

Approvals

UL Recognized, SASO PCP Registration KSA R-103263

Material

Flame-retardant plastic

Weight

1.2 oz. (34 grams)

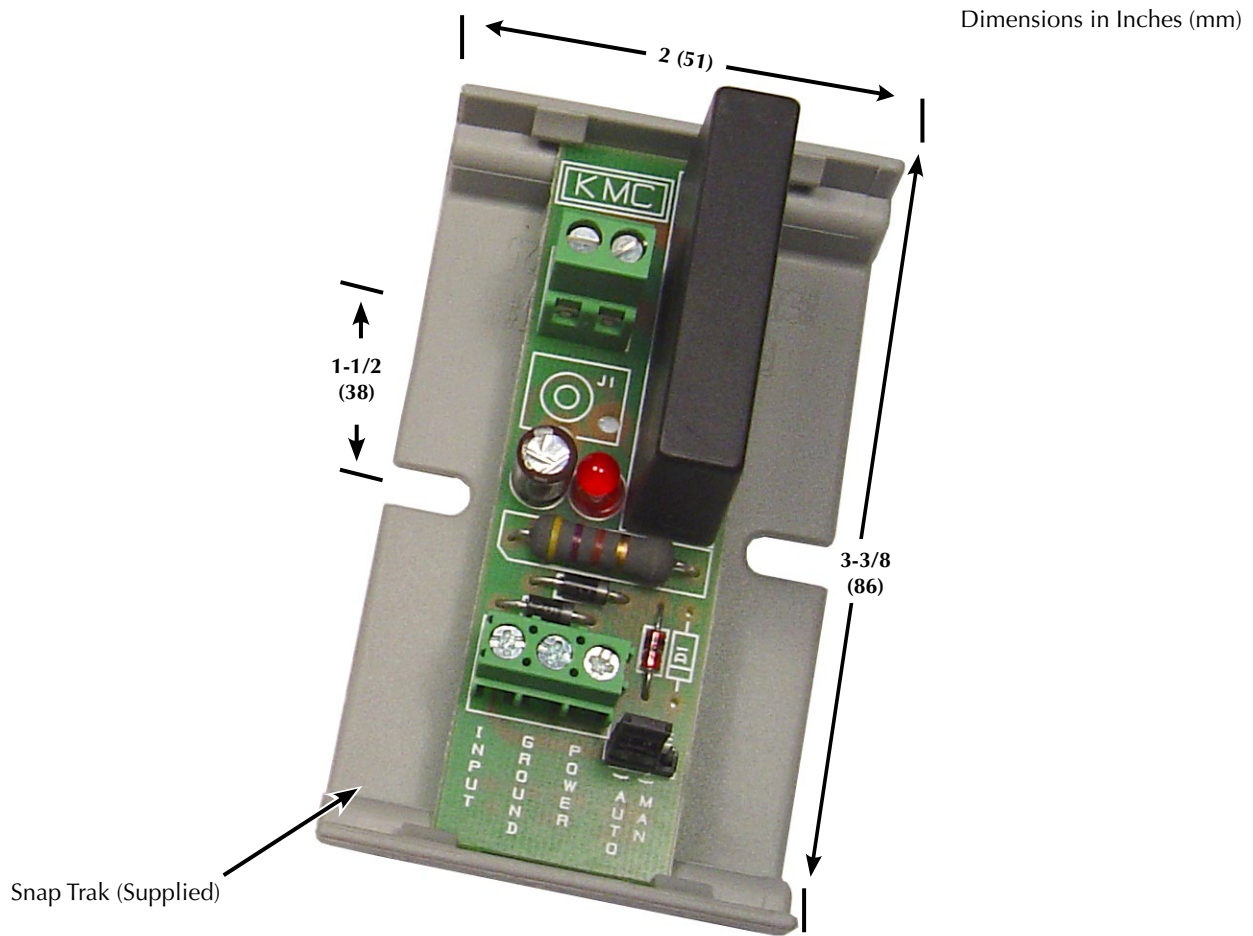
Temperature Limits

Operating

0 to 120° F (-18 to 49° C)

Shipping

-40 to 140° F (-40 to 60° C)



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