

Relay Module, Proportional Reheat for NC Valves with Thermostat Supply

Description

The REE-5106 relay module has two outputs. One is an AC control signal output for **time-proportional** control of Normally Closed valves with a PTC (Positive Temperature Coefficient) **thermal element actuator**, and the other is a DC control signal output for time-proportional control of **solid-state relays** typically used in VAV terminal unit reheat applications.

The percent on-time of the (discontinued) VEP-12/22/34/37 series valves or the solid-state relay varies in direct proportion to the CTE-5100 series room thermostat signal. Therefore, as the thermostat signal increases, the percent on-time of the valve or solid-state relay increases. The REE-5106 can control up to three VEP series valves or one solid-state relay. (MEP-3001/3006 replacement thermal actuators for existing valves are still available.)

The REE-5106 also has a built-in 16 VDC power supply that can be used to power a CTE-5100 series room thermostat when a CSP-5001/5002 is not used.

The REE-5106 is intended for use with the following:

Associated Controllers/Actuators:

CSP-5001/5002

Associated Thermostats:

CTE-5104

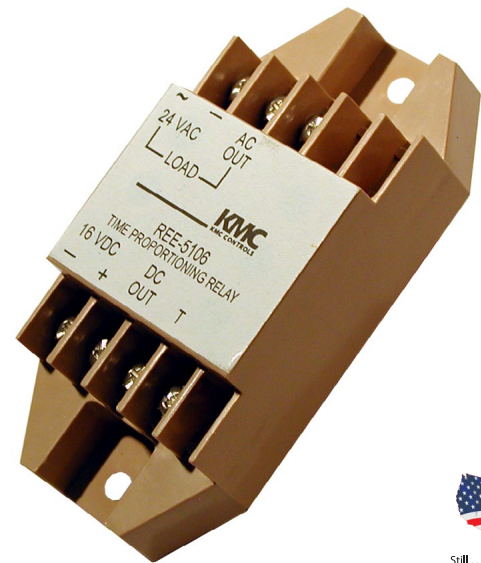
CTE-5202

NOTE: See the [CSP-5001/5002 Applications Guide](#) and the [CTE-5202 Applications Guide](#) for additional information on applications.

NOTE: For Normally Open valves, see the [REE-5123 Data Sheet](#).

Features

- ◆ AC output signal for time-proportional control of VEP series valves
- ◆ DC output signal for time-proportional control of solid-state relays
- ◆ Percent on-time is in direct proportion to the thermostat signal
- ◆ Simple installation



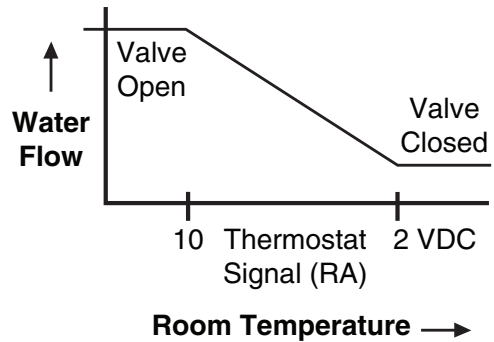
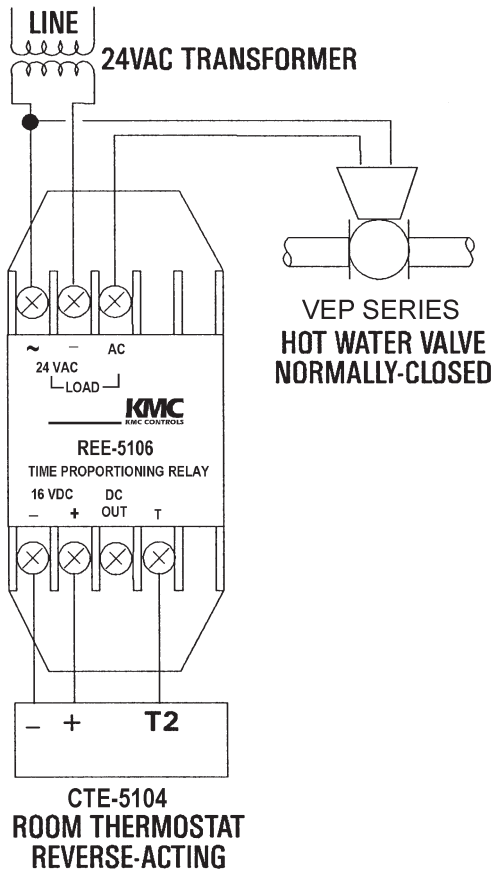
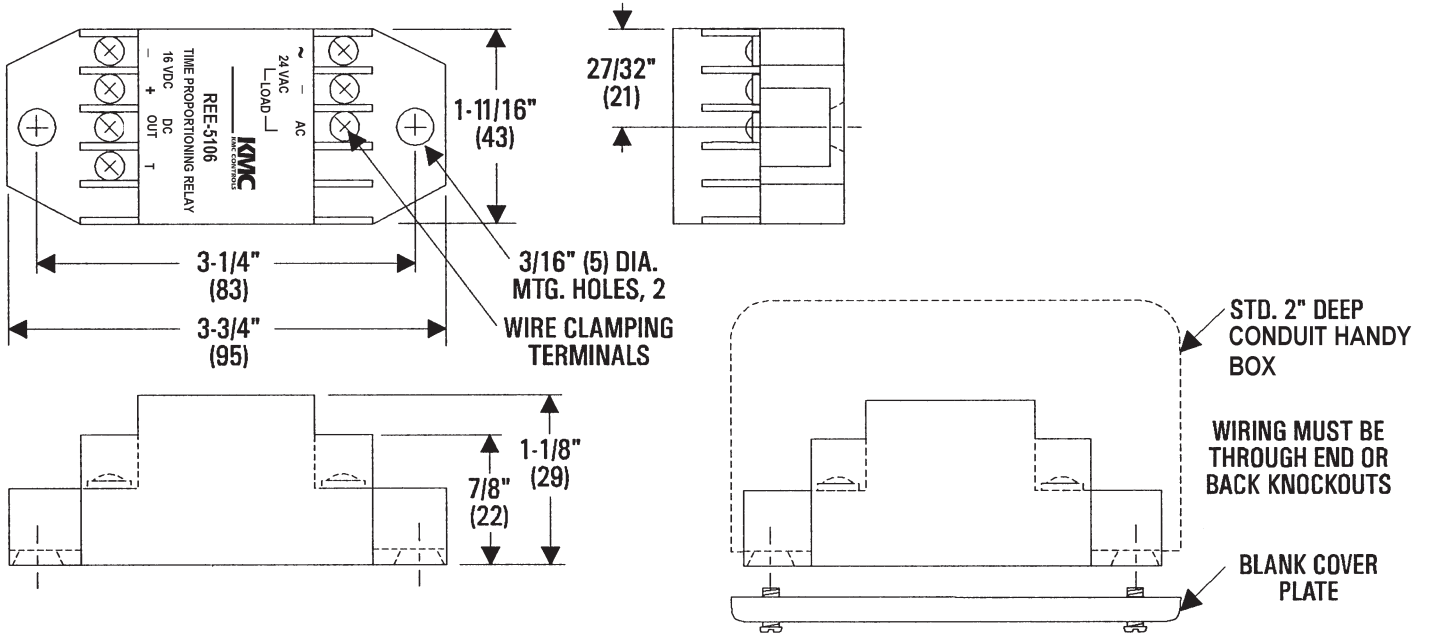
Still ... Made in the U.S.A.

Specifications

Supply Voltage	24 VAC, +20%/-15% @ 1 VA
Input Signal	0 to 10 VDC
Output Capacity	
AC Terminal	10 VA max. @ 24 VAC
DC Terminal	10 mA @ 14 VDC
Thermostat Power Supply	16 VDC, ±10%
Associated Valves	
VEP-12/22	2-way
VEP-34/37	3-way
Connections	Plated screw terminals
Wire Size	14 to 22 AWG, stranded
Material	Beige flame-retardant plastic
Weight	2 oz. (57 grams)
Approvals	SASO PCP Registration KSA R-103263
Temperature Limits	
Operating	40 to 120° F (4 to 49° C)
Shipping	-40 to 140° F (-40 to 60° C)

Details

All dimension are in inches (mm)



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