

### Description and Application

The KMC REE-2005 Relay Module is a voltage-to-current transducer designed for use with KMC digital controllers or other building automation systems. It converts a 0–10 VDC control input signal into a 0–20 mA control output signal.

The REE-2005 can be surface- or panel-mounted, or it can be installed in an electrical handy box. It can be powered by either 24 VAC or 22–40 VDC.

### Features

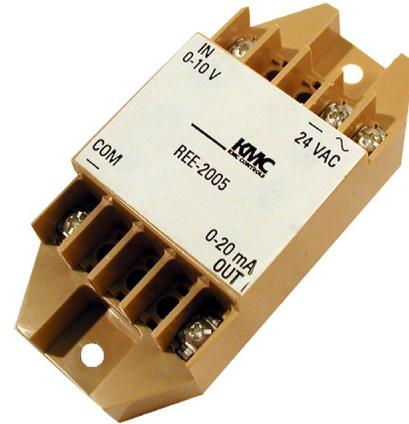
- ◆ Converts 0 to 10 VDC control input signal into a 0 to 20 mA control output signal
- ◆ Simple installation

### Specifications

<b>Supply Voltage</b>	24 VAC (+20%/–15%) or 22–40 VDC
<b>Input Power</b>	0.5 VA
<b>Output Capacity*</b>	0–20 mA output into 650 ohms max. (with 24 VAC supply); for VDC supply, the maximum load is dependent on voltage (see the Note below)
<b>Connections</b>	Plated screw terminals
<b>Wire Size</b>	14 to 22 AWG, stranded
<b>Material</b>	Flame resistant plastic
<b>Weight</b>	2 oz. (57 grams)
<b>Temperature Limits</b>	
Operating	40 to 120° F (4 to 49° C)
Shipping	–40 to 140° F (–40 to 60° C)

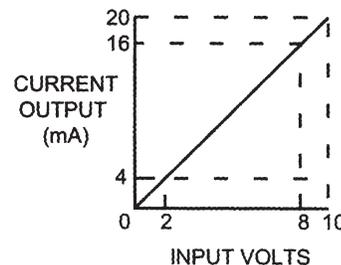
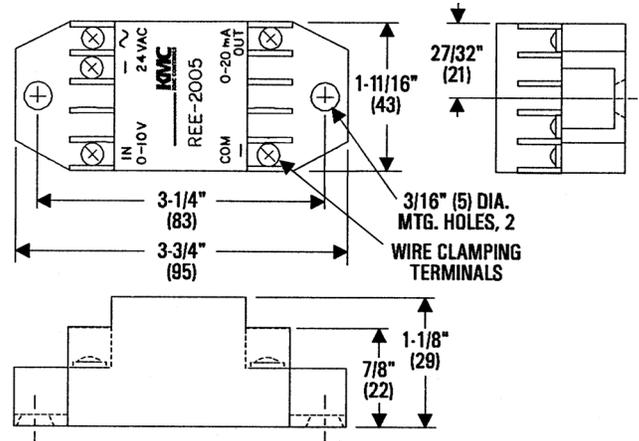
\*NOTE: If the unit is powered by 24 VAC, the **maximum receiver load** is 650 ohms. If the unit is powered by 22 to 40 VDC, the **maximum receiver load** in ohms is **determined by the formula:**

$$\frac{(VDC - 13.1)}{0.0184}$$



### Details

All dimensions are in inches (mm)



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