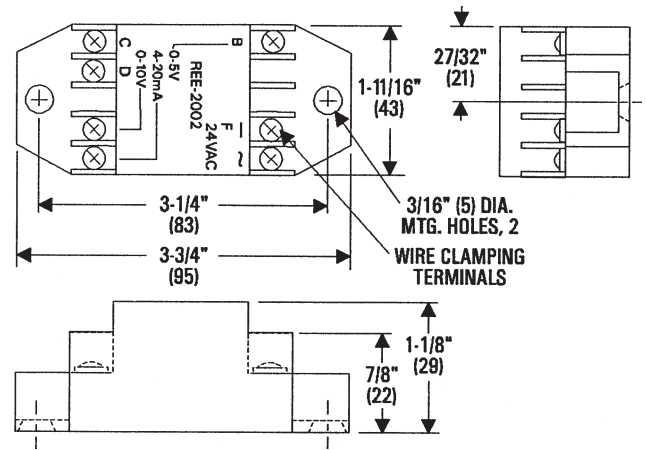
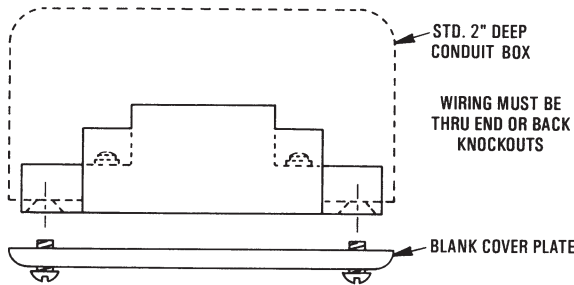


Installation Guide

Mounting

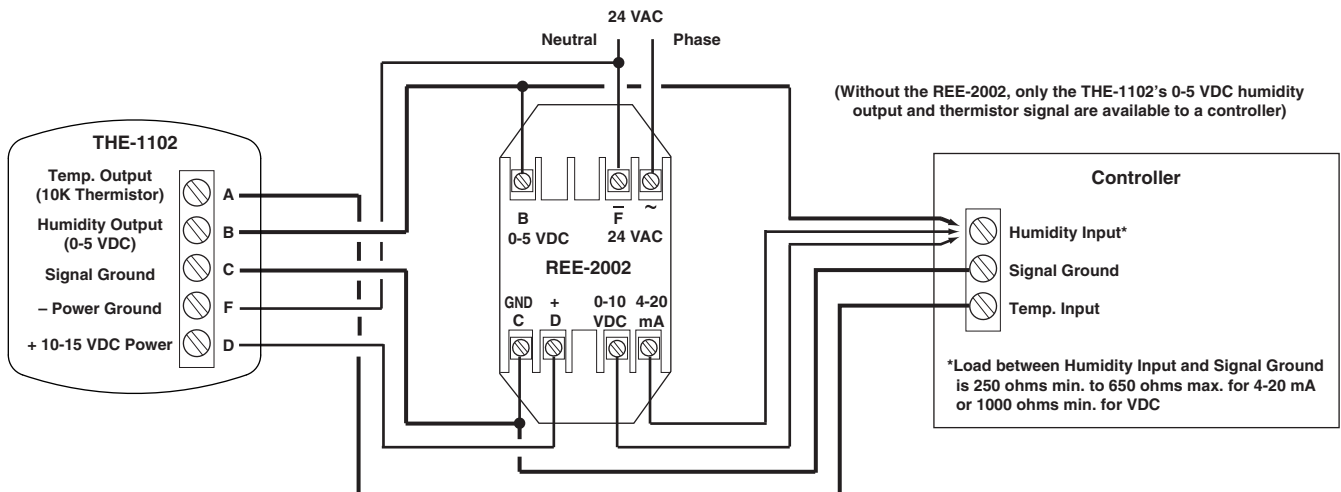
The module may be mounted directly to a control box surface or in a 2 x 4" electrical handy box. Add a blank cover to conceal the module if desired.



Connections and Wiring

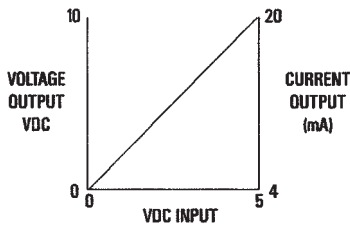
1. Connect a controller input to **one** of the three THE-1102/REE-2002 (0-5 VDC, 0-10 VDC, 4-20 mA) outputs as shown in the sample illustration below.
2. Connect the B, F, C, and D terminals to the corresponding terminals on the THE-1102.
3. Supply the REE-2002 with 24 VAC (+20%/-15%) from a Class 2 transformer (only).

NOTE: Use wire size 14 to 22 AWG, stranded.
 NOTE: See also the [THE-1102 Installation Guide](#) for additional information about this application. (The THE-1101 has been discontinued.)



Specifications

Supply Voltage	24 VAC (+20%/-15%), Class 2 only
Input Power	0.75 VA at 24 VAC
Output Capacity	0–10 VDC output into 1000 ohms or greater 4–20 mA output into 250 ohms min. and 650 ohms max.
Connections	Plated screw terminals
Wire Size	14–22 AWG, stranded
Material	Flame-retardant plastic
Weight	2 oz. (57 grams)
Temperature Limits	
Operating	40 to 120° F (4 to 49° C)
Shipping	–40 to 140° F (–40 to 60° C)



NOTE: The REE-2002 may also be used to convert 0–5 VDC signals from building automation systems to 0–10 VDC or 4–20 mA signals. See the graph for output options over a 0–5 VDC input range.

Troubleshooting

- Check the wiring.
- Check the voltages.

Maintenance

No routine maintenance is required, however protection from extremes of humidity and dirt is recommended. Careful installation will also ensure long term reliability and performance.

More Information

For more information about using the THE-1102 with the REE-2002, see the [THE-1102 Installation Guide](#).



Important Notices

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KMC Controls, Inc.
19476 Industrial Drive
New Paris, IN 46553
574.831.5250
www.kmcccontrols.com
info@kmcccontrols.com