

## Installation Guide

### Mounting



STE-6014



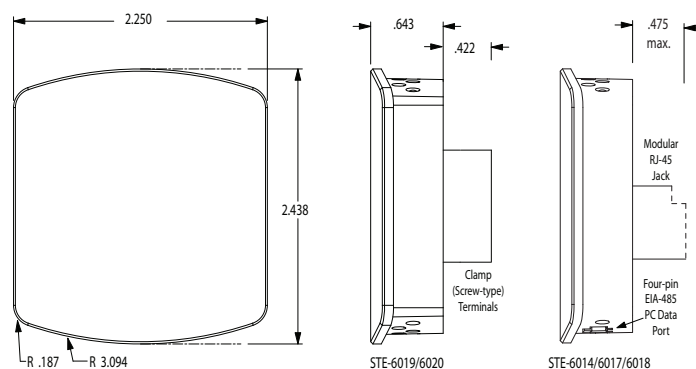
STE-6017/6019



STE-6018/6020

Model Number	Interface Features		Cable Connections		
	Override Button	LED Status Indicator	Screw Clamp Terminals	RJ-45 Connector	EIA-485 Data Port
STE-6014-10				X	X
STE-6017-10	X			X	X
STE-6019-10	X		X		
STE-6018-10	X	X		X	X
STE-6020-10	X	X	X		

All dimensions are in inches



### Location and Cover Removal

Install the sensor on an inside wall where it can sense the average room temperature and be away from direct sunlight, heat sources, windows, air vents, and air circulation obstructions (curtains, furniture, etc.). It can be mounted on a hollow wall or (with a universal backplate HMO-6036/6036W) to a 2 x 4 inch handy box.

The cover is held to the black, back panel by three, small, round pegs that fit in the holes of the cover. The bottom peg is on a tab and snaps into the center bottom hole.

1. With a small Phillips screwdriver or hex wrench, **press in and hold the tab button that snaps into the center hole on the bottom cover.**
2. Carefully pull or pry the back panel from the front cover.

### Handy Box Installation (Recommended)

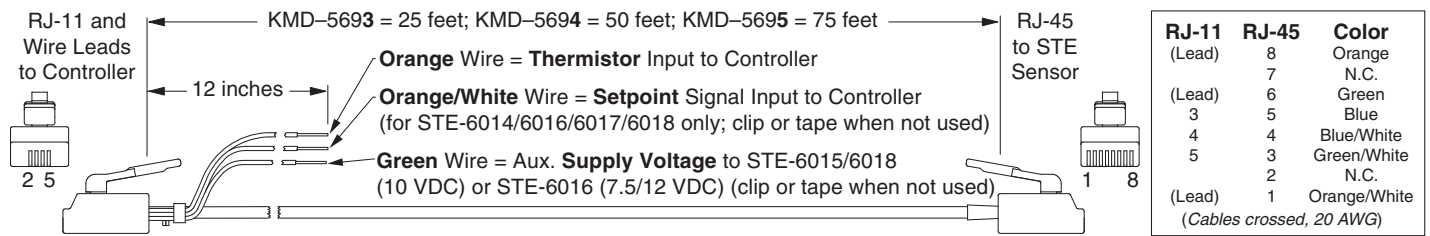
1. Mount a universal backplate HMO-6036 or HMO-6036W to the handy box using the two screws provided.
2. Remove the cover from the back panel.
3. Attach the back panel to the backplate using the two screws provided.
4. Attach the cable to the terminal block or jack according to the appropriate wiring diagram on the next page.
5. Replace the cover.



### Hollow Wall Installation

1. Remove the cover from the back panel.
2. Using the back panel as a template, drill two holes for mounting screws (7/64 inches or 3 mm in diameter and 1.4 inches, 1-13/32 inches, or 35.6 mm apart) and cut a center hole (size needed is dependent on model) for the terminal block or jack.
3. Attach the back panel to the wall using two #6 self-threading screws. (Plastic anchors are recommended, and the size of the holes will then need adjusting.)
4. Attach the cable to the terminal block or jack according to the appropriate wiring diagram on the next page.
5. Replace the cover.

## Wiring



### STE-6014/6017/6018

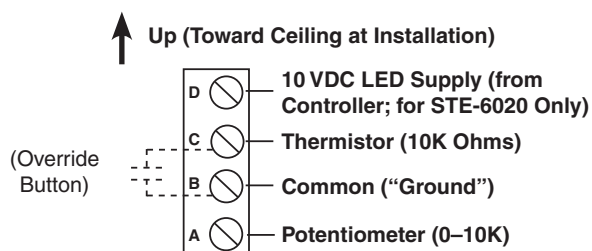
Connecting any of these models to a KMC controller requires a special cable with (on the sensor end) an RJ-45 connector and (on the controller end) an RJ-11 connector with an additional three wires (as relevant to the model) for controller inputs. Purchasing preassembled cables from KMC is more **cost-effective** and **reliable** than creating custom cables in the field. Use one of the following cables:

- KMD-5693 = 25 feet
- KMD-5694 = 50 feet
- KMD-5695 = 75 feet

The three additional wire connections to the controller are:

- **Orange** is the **thermistor** signal to the controller's appropriate input
- **Orange/white** is the **setpoint** signal to the controller's appropriate input
- **Green** is the **supply voltage** of 10 VDC to the STE-6018 LED from an output of the controller (for the STE-6014/6017, clip or tape the unused wire)

### STE-6019/6020



## Maintenance

Careful installation will also ensure long-term reliability and performance. Remove dust as necessary from holes in top and bottom. Clean with a soft, damp cloth and mild soap.

## More Information

For general product information, see the [STE-6000 Series Room Temperature Sensors/Transmitters Data Sheet](#) on the KMC Controls web site.

For mounting considerations, network connection, controller configuration, programming, troubleshooting, and other information, see the [STE-6014/6017/6018/6019/6020 Application Guide](#).



## Important Notices

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