

### Description

The KMC STE-5000 series of room temperature sensors is designed for use in KMC Digital or other building automation systems. They incorporate a 10,000 ohm (@ 77° F) thermistor for the sensing element, providing precise, stable temperature sensing. Appealing with its low profile and durable thermostat style cover, these sensors may be surface or wall mounted to a 2" x 4" electrical box.

Many models are available to provide sensing with or without setpoint control by dial or push-button, push-button override or control and LED indication.



### Features

- ◆ 10,000 ohm thermistor
- ◆ Low profile cover
- ◆ Models available with or without setpoint control, dial or push-button override and LED indication (See Models list)

### Application

The KMC STE-5000 Series Temperature Sensors provide a 10,000 ohm temperature sensor for use in KMC Digital or other building automation systems.

### Models

The following models are available

STE-5*11-10	Temperature sensor
STE-5*12-10	Temperature sensor w/°F setpoint
STE-5*12-11	Temperature sensor w/°C setpoint
STE-5*13-10	Temperature sensor w/keypad & L.E.D.
STE-5*14-10	Temperature sensor w/keypad, L.E.D. & °F setpoint
STE-5*14-11	Temperature sensor w/keypad, L.E.D. & °C setpoint
STE-5*15-10	Temperature sensor w/keypad, 3 L.E.D.s & °F setpoint
STE-5*15-11	Temperature sensor w/keypad, 3 L.E.D.s & °C setpoint

STE-5*16-10	Temperature sensor w/INCR-DECR push-buttons
STE-5*17-10	Temperature sensor w/INCR-DECR push-buttons, keypad & L.E.D.
STE-5*21-10	Temperature sensor w/keypad switch
STE-5*22-10	Temperature sensor w/keypad & °F setpoint
STE-5*22-11	Temperature sensor w/keypad & °C setpoint

\* 0 = light almond

1 = ash white (STE-5115 & STE-5117 available as a special order only)

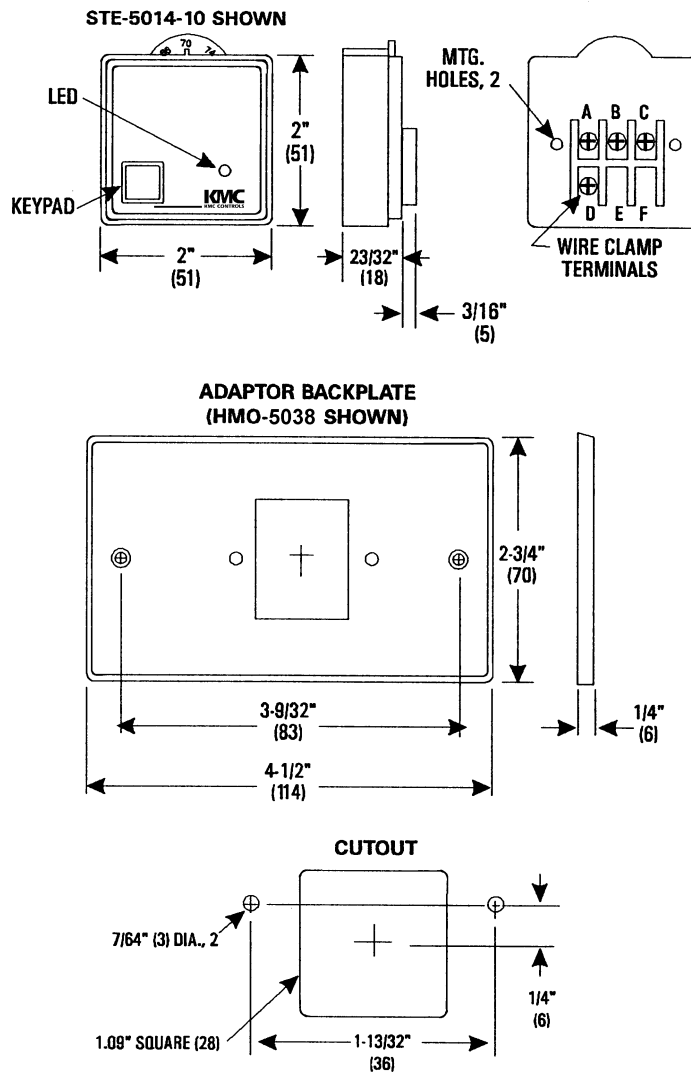
### Accessories

The following accessories are available for the above models:

HMO-5014	Standoff, light almond
HMO-5016	Standoff, ash white
HMO-5036	Vertical backplate, light almond
HMO-5037	Vertical backplate, ash white
HMO-5038	Horizontal backplate, ash white
HMO-5039	Horizontal backplate, light almond
HPO-0031	Setpoint cover, ash white
HPO-0032	Setpoint cover, light almond

## Details

All dimensions are in inches (mm)



## Specifications

### Sensor

Accuracy	± 0.36°F (± 0.20° C)
Resistance	10,000 ohm@ 77° F (25° C)
NTC	4.37%/°C @25°C
Dissipation Constant	7 mW/°C
KMC Digital Range	#4/#5

### Setpoint Potentiometer

Resistance	0-10,000 ohm/54°F-90°F (12°C-32°C) linear
Tolerance	±20%

### Pushbuttons

Front	Momentary, shunts temp. sensor
Top	Momentary, right (increase) shunts sensor, left (decrease) opens sensor

### LED(s)

Green, 10 VDC (12 VDC max)

### Connections

Screw Terminals

### Material

Ash white or light Almond ABS, UL Flame Class 94 HB

### Weight

1.25 oz. (35 grams)

### Temperature Limits

Operating	40° to 120°F (4° to 49°C)
Shipping	-40° to 140°F (40° to 60°C)

### KMC Controls, Inc.

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