



## SD200-001 INTELLIGENT MASTER SENSOR

### Highlights:

- Smart Occupancy Verification
- High/Low Temperature Setbacks
- Occupancy Status Signal Output
- Selectable Relay Output Formats
- Audible and Visible Test Indications
- 24V/Dry Contact Output Selectable
- PTAC Start Cycle Delay Enabled

### Applications:

- Lodging/Hospitality Industry
- Resorts, and Hotels
- Timeshares and Condos

### Temperature Range:

- High temp limit 85/82/79°F / 30/28/26°C
- Low temp limit 59/55/51°F / 15/13/11°C

The SD200-001 is the master sensor for the HVAC Energy Management System. This sensor features a changeover relay contact output to control the operation of HVAC device according to the occupancy status of the room. Its high/low temperature limit setbacks help prevent rooms from getting too hot or cold during unoccupied periods. Also, to provide the highest level of temperature control, an optional door or window switch may be connected to shut off the HVAC operation, in case a door or window is left open longer than five minutes.

The SD200-001 system is an HVAC energy management solution. The system delivers smart occupancy verification and energy control technology to help reduce energy waste while maintaining ideal comfort levels for occupants.

### Technical Specifications:

|                        |  |
|------------------------|--|
| Power Supply:          | 24V $\pm$ 2V AC/DC                                       |
| Detection Range:       | 110°, 15 x 15m at 25°C                                   |
| Operating Temperature: | 14 to 100°F / -10 to 38°C                                |
| Test Indication:       | Buzzer and LED, can be disabled                          |
| Restart Cycle:         | 2 minute, can be disabled                                |
| Dimensions:            | 4.4 x 2.6 x 1.8" (112 x 66 x 45mm)                       |
| Mounting:              | Wall or ceiling mounted using included mounting brackets |
| Agency Approvals:      | UL, UL Canada, CE  |

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