

Leave heat on, all weekend?

Empty room,
we'll do the setback
& save you.



200

Series

Performance Pro™ with

Occupancy Sensors deliver ultimate temperature control

Comparison of combined Kw & BTU*



* Based on independent study, actual energy use results may vary

Commercial & public space buildings can realize significant savings in energy-use with Performance Pro™ intelligent thermostats & occupancy sensors.

For a relatively small investment, facilities can significantly **reduce energy-costs** by eliminating wasted energy used in empty rooms.

Ask, your local HVAC contractor to learn more.



Energy
Savings



Performance Pro™ | occupancy sensor

200 Series Field Guide



Occupancy Sensor

All PECO Performance Pro models have **setback input** that can be used to either setback **temperature set points**, or **turn off the control**. This input is located at **S2 Terminal** and connects back to **SC terminal**. This input detects a dry switch contact closure.

In setback the current heat or cool set point will disappear from the display, giving the user a clear indication that the control is in setback. If any button on the thermostat is pressed while the unit is in setback a 1-hour override is initiated.

Input

SC to S2 = OPEN

SC to S2 = CLOSED

Service Menu 310

OFF Selection

Service Menu 320

Thermostat operation is normal and will run to the current set point.

Thermostat will operate to values set at Service Menus 310 and 320.

Use Setback Low to control heating at a selected value from 50° - 82° F or to turn system off for heat when the setback input is closed.

When OFF is selected in service menu 310 or 320, the control will not cycle on for heating or cooling when the setback input is closed.

Use Setback High to control cooling at a selected value from 58° - 90° F or to turn system off for cool when the setback input is closed.

Dry Switch Contact

Occupied = OPEN

Unoccupied = CLOSED

S2

—

N.O.

SC

—

Com



Selection Guide

Each Performance PRO model works with each sensor type.
Flexible configuration allows combinations to best meet needs.



3H / 2C
Conventional or
Heat Pump

**Touch Screen
Thermostat**

T12532₋₀₀₁



3H / 2C
Conventional or
Heat Pump

**Universal Control
Thermostat**

T8532₋₀₀₁



3H / 2C
Conventional or
Heat Pump

**Intelligent Value
Thermostat**

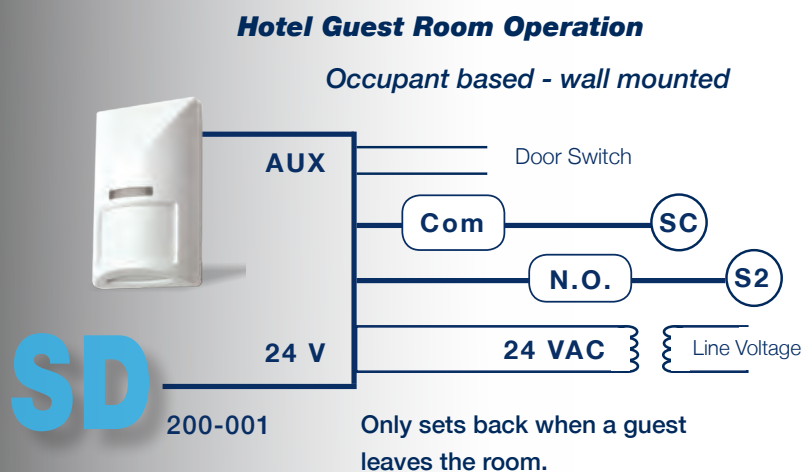
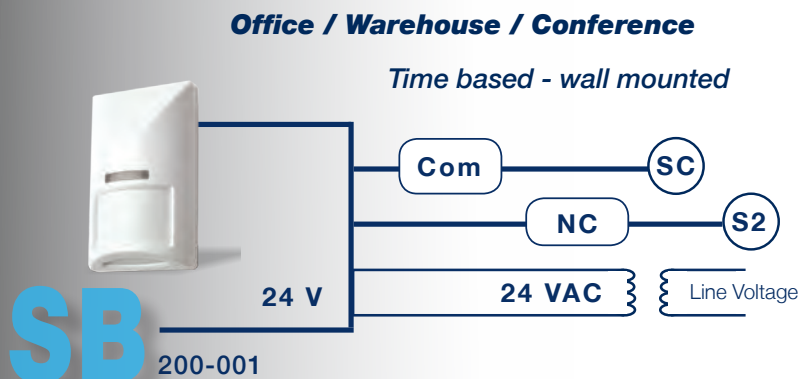
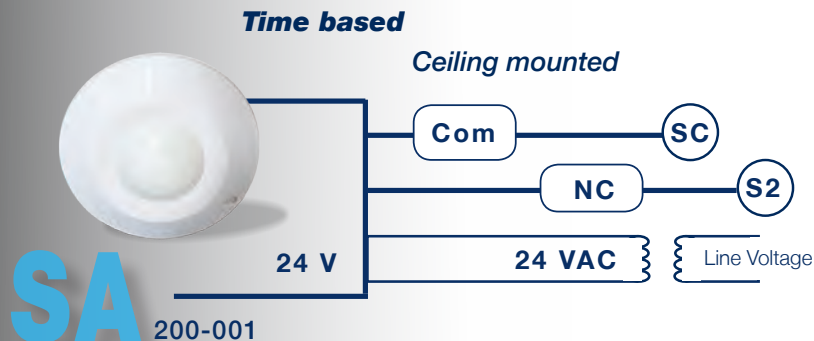
T4522₋₀₀₁



3H / 2C
Conventional or
Heat Pump

**School Facility Control
Thermostat**

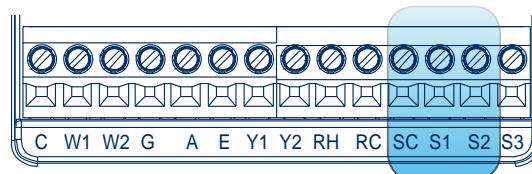
T4932_{-SCH}



Terminal Connectors

Performance Pro™

Same for ALL models



Performance Pro
Occupancy sensor

200 Series **Field Guide**

Multiple S200 & Contactor

This diagram shows connections between multiple S200 sensors and a contactor. Note that ALL S200s must be in unoccupied mode before the contactor will energize and go to setback.

At the Contactor/Relay connection the relay coil is energized in unoccupied and de-energized in occupied. SA200-001 and SB200-001 use the NC output; however, SD200-02 uses the NO terminal output.

