# Wireless Lighting Controls
## *wiSTAR™ Key Card Switch*
## *Self-powered Wireless Occupancy Detection*

### KEY FEATURES
- Determines occupancy based on guest room key being inserted or removed
- Harvests kinetic energy from the card action - no batteries
- Installs easily in new or existing rooms - no wiring
- Transmits room occupancy status wirelessly

*WIS-KCS*

### OVERVIEW
**Take the first step toward significant energy savings.** Hubbell Building Automation's wiSTAR™ Key Card Switch is one of the simplest, most economical ways to save energy through occupancy based control of lighting, HVAC and miscellaneous electric loads. The switch is self-powered and the simple act of inserting or removing the card generates enough kinetic energy to send a wireless signal to other wiSTAR devices within the room. To operate the switch, guests simply insert their key card in the slot when they enter the room and then remove it when they leave. The key card switch is wireless and can be installed in minutes without having to drill into the wall or run additional wiring. The switch features a clean contemporary styling, making it an attractive addition that's sure to compliment any décor.

### FEATURES and BENEFITS
- **Interoperable.** Communicates wirelessly with other devices using the EnOcean wireless standard.

- **Self-powered.** Embedded mechanical energy harvesting element harvests power from the motion of inserting or removing a hotel key card. Energy harvesting eliminates the need for wires or batteries.

- Key card slot accommodates any standard hotel key card.

- Device is wireless and self-powered, eliminating the need for additional wiring and batteries, so installation is quick and easy and operating costs can be reduced.

### TYPICAL APPLICATIONS
The wiSTAR Key Card Switch is ideal for detecting occupancy within guest rooms in hotels, senior residences or similar living spaces. Combine it with EnOcean-based HVAC setback modules or thermostats for an extremely affordable occupancy based solution for controlling HVAC energy use. Install the wiSTAR In-Line Switch Module and add convenient control of lights and other electrical loads.

## SPECIFICATIONS

| | |
|---|---|
| Power Supply | Mechanical energy harvesting |
| | (power is generated by the motion of key card moving in or out) |
| Inputs/Outputs | • Slot for standard hotel key card |
| | (2.125" W x 3.375" H x 0.034" D) |
| | • Radio Frequency (RF) transmitter |
| RF Communications | EnOcean 902 MHz |
| Transmission Range | 80ft. (25m) |
| RF Transmission | On key card insertion or removal |
| EEP (EnOcean Equipment Profile) | F6-04-01 |
| Installation | Surface mounted on wall (using included mounting screws) |
| Dimensions | 4.72" H x 3.8" W x .43" D (at edge) |
| | (120mm x 97mm x 11mm) |
| Weight | 3.5 oz. (99 g) |
| Environment | Indoor use only |
| | 32° to 131° F (0° to 55° C) |
| | 5% to 95% relative humidity |
| | (non-condensing) |
| Agency Compliance | FCC: SZV-PTM33XU |
| | IC: 5713A-PTM33XU |
| Warranty | One year |

| Interoperable Products / EEPs | Product Name (EEP #) |
|---|---|
| (EnOcean Equipment Profiles) | Rocker Pad Switch (F6-02-02) |
| | Key Card Switch (F6-04-01) |
| | Window handle (F6-10-00) |
| | 1BS Single Input Contact (D5-00-01) |
| | Temperature Sensor, 0 - 40° C (A5-02-05) |
| | Occupancy Sensor (A5-07-01) |
| | Contact, single input (A5-30-01) |
| | Central Gateway (A5-38-08) |

## ORDERING INFORMATION

| Item Number | Description | Color |
|---|---|---|
| WIS-KCS-WH | wiSTAR Key Card Switch, 902MHz | White |