

GUESTROOM KEYCARD SWITCH - GKS

DESCRIPTION

The Guestroom Keycard Switch, (GKS), is a member of INNCOM's Integrated Room Automation System (IRAS). It is designed to send an input signal to a number of control devices throughout the guestroom when a keycard is inserted or removed from the card receiver slot. It is equipped with an LED array that acts as an indicator or pilot light depending on whether a keycard has been inserted or removed.

The GKS can also be used instead of a door switch to signal other devices that the guest is in or out of the room.

APPLICATION

The Guestroom Keycard Switch can be used in a standalone Energy Management System application or as part of a centrally controlled and networked system using the INNcontrol II server software.

The GKS Switch is ideally installed at the entry of the guestroom where the guest can conveniently insert the keycard when entering and retrieve it when leaving the guestroom.

It is used to send a signal to devices used to control HVAC units, lighting circuits or other electrically powered equipment when the built-in optical sensor detects the insertion or removal of the keycard.

The GKS is available in an attractive, low profile American Single Gang form factor, and is equipped with a screw-less mounting design.

OPERATION

The GKS is activated by inserting or removing the guest keycard upon entry or exit from the guestroom.

Once activated, the GKS sends its input signal (pulse) to a control device which then can allow electrical power to flow to HVAC units, lighting circuits or other equipment. When the keycard is removed from the GKS upon leaving the guestroom, it sends a signal to the connected control devices to de-activate the previously powered equipment or circuits. This can take place after a defined period of time to minimize guest inconvenience.

The GKS requires a low-voltage wired interface for integration into the IRAS.

FEATURES

- IECC code compliant – Master ON/Off
- Integrates into the INNCOM IRAS, or standalone system
- Custom housing/LED colors available

SPECIFICATIONS

- Model number: GKS
- Dimensions: 3" W x 4.7" H x 1" D
- Input Voltage: 12VDC
- Current Requirement: 80mA
- FCC/UL Approvals Pending
- Screw-less, US standard single gang form factor
- Compatible with ISO 7811 keycards

