

## Overview

The Hospitality Industry needs a battery-free wireless key card switch that harvests energy from the insertion of the card into the switch housing. The PTM265KCA answers this need using an integrated mechanical energy harvester and radio to transmit switch state to embedded receivers.

Any facility with guest rooms can take advantage of wireless technology to retrofit suites and buildings so energy loads are only operational when needed, reducing energy consumption and costs.

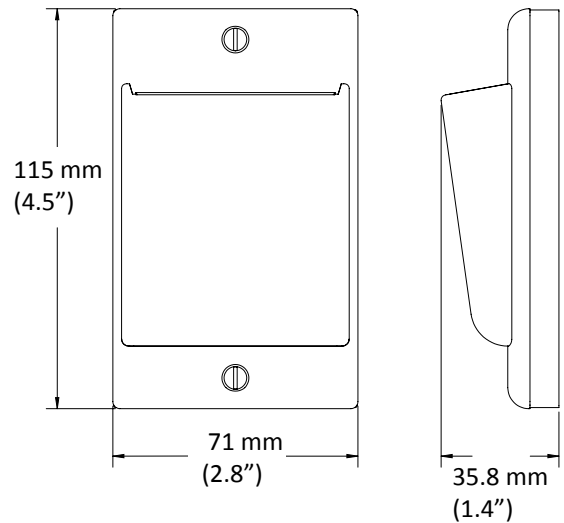
Assign a switch to as many relays as needed with no limitations.

Each controller can have up to 20 sensors or switches assigned to it. Radio range in line-of-sight applications is often better than 300'. Interior spaces with walls and other obstacles will safely allow for 80' range.

A reduction in your energy costs can be achieved with Key Card wireless switches and Echoflex controllers.



**Dimensioned Diagram**



## Equipment Profiles

Position Switch                      EEP: F6-04-01 Key Card Activated Switch

## Technical Specifications

<b>Operating Mode</b>	Card Inserted, Card Extracted
<b>Power Generation</b>	Electrodynamic Energy Harvester
<b>Communications</b>	
Radio Frequency	315 MHz(C), 868 MHz(Y) or 902 MHz(U)
Antenna	Integrated whip
Transmission Range	100m (330 ft) line-of-sight, 24 m (80 ft) - interior space (typical)

## Mechanical Specifications

Operating Temperature	-25°C to 65°C(-13°F to 145°F )
Relative Humidity	5% to 92% RH (non-condensing)
Weight	142 g (5 oz)
Dimensions	115 x 71mm x 35.8mm (4.5 x 2.8 x 1.4")
Life Cycle	50,000 actuations
Mounting	screws or double double sided tape (not supplied)

## Agency Listing & Compliance

FCC Part 15.231 - Remote Control Transmitter  
IC RSS-210

## Ordering Information

Model	Description	Part # - 315 MHz	Part # - 868 MHz	Part # - 902 MHz
PTM265KCA(*)	Key Card Switch - White	005-0048 * = C	005-5048 * = Y	005-7048 * = U



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