

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.

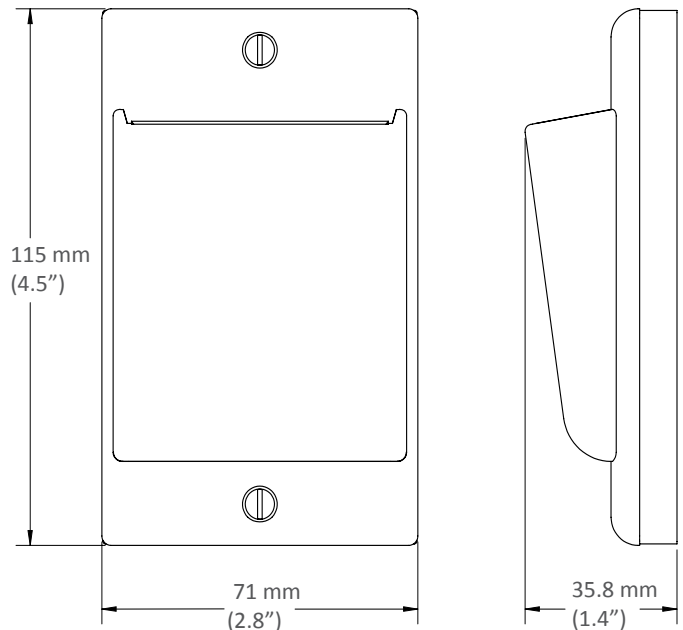


Technical Specifications

Operating Mode	Card Inserted, Card Extracted
Power Generation	Electrodynamic Energy Harvester
Communications	
Radio Frequency	902MHz (U) or 868 MHz (Y)
Antenna	Integrated whip
Transmission Range	24 m(80 ft) - commercial office spaces (typical), up to 100 m (330 ft) line of sight

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)
Card Format	ISO/IEC7810 - ID-1 85.60 x 53.98 mm (3.37 x 2.125") thickness 0.76 mm (0.03")



Equipment Profiles

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

Agency Listing & Compliance

(902 MHz only) FCC Part 15.231 - Remote Control Transmitter
IC RSS-210

Ordering Information

Description	902 MHz Model	902 MHz PN	868 MHz Model	868 MHz PN
Key Card Activated Switch - White	PTM265KCAU	8188A1110-5-1	PTM265KCA Y	8188A1310-5-1

Specifications are subject to change without notification
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