

# KEY-RKBS Base Station

## Installation Instructions

The KEY-RKBS is a radio base station for the KEY-RKPZ radio keypad. Its purpose is to provide a communications bridge between the keypad and control unit. Each base station can manage up to two keypads.

The base station communicates with the keypad across radio, and with the control unit across a standard RS485 wired connection.



### Installing the device

This product must be installed by qualified service personnel.

**Note:** Please refer to the KEY-RKPZ installation instructions for further information.

**Note:** Before installation, remove all power to the control unit, including the battery.

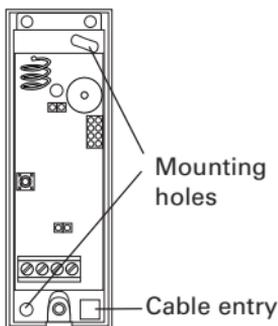


Figure 1. Backplate

Removing the link disables the communications LED

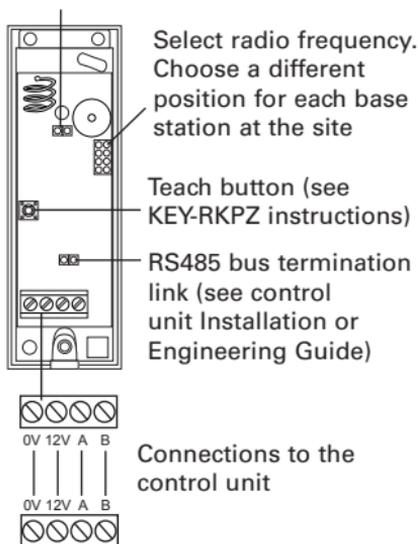


Figure 2. Wiring and links

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# Specifications

**Supply Voltage:** 10.0Vdc to 13.8 Vdc.

**Current Consumption:** Typical 35mA; maximum 50mA (buzzer on).

**Radio Frequencies:** 868.090, 868.230, 868.370 and 868.510 MHz.

**Radio Power:** 10mW max.

**Keypads:** Max. two per base station.

**Dimensions:** 102mm (h) x 34mm (w) x 28mm (d).

**Weight:** 0.05kg.

**Panel Software:** 4.05 or later.

**Operating Temp. Range:** -10°C to +55°C.

**Max Relative Humidity:** 95%, non-condensing.

**Case Material:** ABS.

**Intrusion Standards:** EN50131-3:2009 Grade 2. PD6662:2010.

**Environmental Class:** Class II.

**Certification Body:** Telefication.

## SIMPLIFIED EU DECLARATION OF CONFORMITY

Hereby, Eaton Electrical Products Ltd declares that the radio equipment type KEY-RKBS is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address:  
[www.touchpoint-online.com](http://www.touchpoint-online.com)

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