

REX3-C

Dual-technology exit button



REX3-C

A contactless request-to-exit button combining capacitive and infrared sensing, with a built-in mechanical override and a cover sized for a US standard gang box.

Design and functions

- Combined sensing provides a typical activation distance of 5–8 cm.
- Mechanical override provides a contact-operated backup for electronic failure.
- An indicator colour change and audible tone confirm activation.
- DIP switches select latch or timed operation. In latch mode, each activation toggles the relay.
- Optional remote activation supports up to five remote buttons.
- Static-charge protection on input/output signals and reverse-polarity protection.

Configuration and operation

Installation

Inputs protected for 12 VDC and 24 VDC; reverse-power protection.

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Technical specifications

Sensing technology	Capacitive induction + infrared
Typical sensing range	5–8 cm
Mechanical override	Built in
Operation	Latch mode or adjustable timed mode
Output timer	Adjustable; contact TECHHOUSE for the confirmed range
Buzzer control	DIP switch
Remote option	433 MHz or 315 MHz; up to 5 buttons; 4–5 m range
Mounting	US standard gang box
Dimensions L × W × H	118.2 × 74.2 × 35.6 mm
Weight	157 g
Supply	10–24 VDC
Current	150 mA max at 12 VDC
Temperature	–20 to +60 °C
Humidity	10–90%
Housing	PC + ABS
Colours	Black / white

Model selection

Product name	REX3-C
Order-code structure	REX 3 1 [1 or 4] 0 – c
Option fields	3 = dual technology; 1 = US cover; 1 = basic or 4 = 433 MHz remote; 0 = contactless; c = C version