MAG LOCK

P/N 300768

STANDARD FEATURES

- Holding Force: 1500 lbs. (675 Kg.)
- Easy Installation: Versatile mounting bracket for new and existing doors and frames.
- Sensor: Built-in Hall effect crystal affected by door position, voltage input and magnetic field strength.
- LED: Red/Green LED door status indicator is attached to magnet housing.
- Fail Safe: Releases instantly when power is disconnected. No residual magnetism.
- Fail Alarm: May be released upon activation of fire alarm.
- Housing: Attractive, heavy duty, anodized extruded aluminum
- Voltage: 12VDC or 24VDC
- Current Draw: 415 mA at 12 VDC
  215 mA at 24 VDC
- Mounting hardware included with unit for outswinging doors. Optional Z-Bracket required for inswinging doors.
- Limited Lifetime Warranty

SPECIFICATIONS

- Magnet Size: $10^{1}/_{2}$" x $2^{5}/_{8}$" x $1^{5}/_{8}$" (268 x 68 x 42 mm) (LxHxW)
- Armature Size: $7^{1}/_{4}$" x $2^{3}/_{8}$" x $^{5}/_{8}$" (190 x 60 x 16 mm) (LxHxW)
- Specify Finish: x US28 or x US40

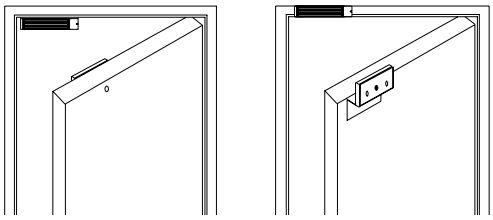
STANDARD MONITORING FEATURES

- Door Status and Power Switch — The magnet contains a built - in "C" Form contact 5 Amps @24V that is activated by power to the lock and contact between the armature plate and the surface of the lock. It indicates that the power is on and the door is closed. This feature can be used for remote door surveillance, indicator lights and interlocks.

OPTIONAL ACCESSORIES

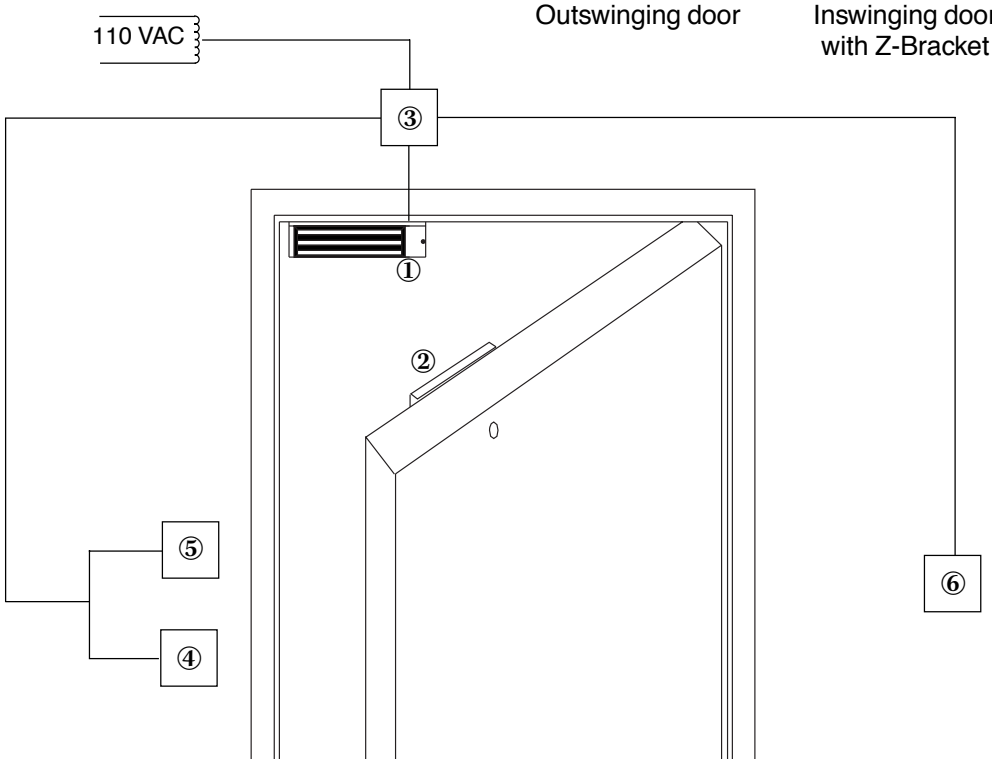
- Double Monitoring — The magnet contains an add'l Reed Switch that monitors the Door Status, Specify x001
- Door Status — Specify xDS A permanent magnet built into the armature plate controls a reed switch built into the magnet block. When installing make sure this permanent magnet lines up with the reed switch. When the door is opened, the reed switch will annunciate a change of status.
- Accessories: Filler Plates, L-Brackets, Glass door mounting aids, Z-Brackets for Inswinging doors & spacers .

NOT TO SCALE - TECHNICAL DATA SUBJECT TO CHANGE WITHOUT NOTICE



Outswinging door

Inswinging door with Z-Bracket

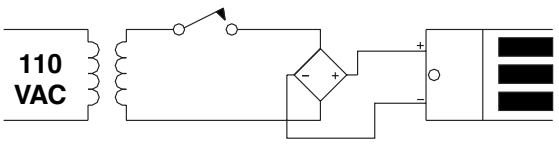


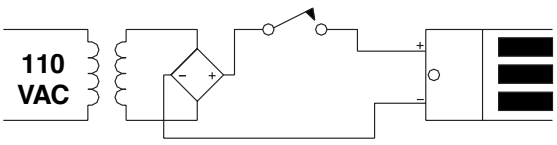
1 ROFU Magnet 8011 with door status and tamper switch.
2 Armature plate
3 DC power supply
4 Access Controls - key switch
5 Request to exit button
6 Remote release

SWITCH OR SOLID STATE SWITCHING DEVICE

IMPORTANT: THE LOCAL ON\OFF SWITCH MUST BE WIRED BETWEEN DC SOURCE AND MAGNET

SWITCH OR SOLID STATE SWITCHING DEVICE





WRONG **RIGHT**

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Monitoring, Control & Test Solutions for Telecom

SPECIFICATION - Peripherals
Motion Detector
P/N 300769

GE
Security
The RCR-REX is a dual technology, request-to-exit sensor used for secure door egress and door access control. The RCR-REX combines the power of passive infrared and Doppler range-controlled radar technologies to provide the industry's most secure request-to-exit sensor.

Historically, request-to-exit sensors have not been used in sensitive areas because they are easy to defeat. With the RCR-REX, dual technology requires that both the unit's PIR sensor and RCR sensor detect intrusion activity to trigger the internal relay. For maximum protection, adjust the radar so that the curtain is above the floor; objects slipped under the door will not activate the sensor, making it virtually impossible to defeat.
The sensor has two detection patterns, the infrared PIR and the Range Controlled Radar, that are adjusted independently. Radar range can be adjusted from 3 to 15 feet (1 to 4.5 m) and can be set to just above the floor if desired.
Two Form C output relay contacts are used to switch a door lock and shunt a door switch. The RCR-REX's flexible lock relay may be set to either Fail Safe or Fail Secure mode for operation when the unit is not powered.
The user can determine lock relay activation times with easy-to-change DIP switch settings. Factory default is 1/2 second, but can be adjusted to 1, 2, 4, 8, 16, 32, or 64 seconds.
When the RCR-REX's sounder is turned on, it produces an audible tone to warn of door-open-too-long (DOTL) conditions, depending on settings. Fifteen seconds before the timer closes the lock relay contacts and opens the monitor relay contacts to send an alarm signal. Closing the door silences the sounder, while new movement restarts the timer and resets the sounder. A beeping tone will sound at the end of the external input signal if the door is open.
An LED indicator turns red for the duration of the lock relay time when motion is detected and flashes twice per second during the 20-second warm-up period. It turns yellow when the radar detects motion, and green with the passive infrared detects motion.
A tamper switch identifies when the housing cover is opened.

Features
- Proprietary GE dual technology—request-to-exit uses both RCR and PIR to detect intruders
- Incorporates two Form C output relay contacts
- Tamper switch detects device open
- Includes mask for easy adjustment of PIR field of view
- Optional single gang wall plate
- Swing open design allows easy adjustment
- Housing available in white, gray, or black
- Built-in adjustable sounder for door position monitoring
- Wall or ceiling mount
- Dual relay outputs

RCR-REX
Dual technology request-to-exit motion sensor
RCR-REX

Quest Controls, Inc.

Specifications

Electrical

• Voltage: 12 to 30 VAC/VDC
• Current: 23 mA typical, 28 mA max. @ 12 VDC; 15 mA typical, 17 mA max. @ 24 VDC; 31 mA typical, 38 mA max. at 12 VAC; 26 mA typical, 29 mA max. at 24 VAC
• Time delay: 1/2, 1, 2, 4, 8, 16, 32, 64 sec. at ± 10%, selectable
• Loop type: Open or Closed
• Max. loop rating: 2 A @ 30 VDC
• Alarm output: DPDT (Form C)
• Tamper output: 50 mA @ 30 VDC
• Wire gauge: AWG 14 to 22 (18 to 22 recommended)

Features

• Radar frequency: 5.8 GHz
• Range, depth: 3 to 15 ft. (0.9 to 4.57 m) adjustable
• Range, width: 7.9 ft. (2.4 m)
• Range, PIR: 15 ft. (4.6 m), adjustable

Environmental

• Operating temperature: -20 to 120°F (-29 to 50°C)
• Relative humidity: 0 to 95% noncondensing
• RFI immunity: 10 V/m @ 80 MHz to 2 GHz
• Static immunity: 10 kV
• Lightning immunity: 2.3 kV @ 1.4 J

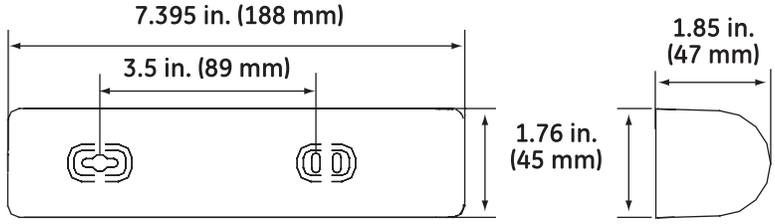
Physical

• Dimensions (HxWxD): 1.76 x 7.395 x 1.85 in. (45 x 188 x 47 mm)
• Weight: 9.2 oz. (261 g)
• Housing material: ABS plastic
• Colors: White, black, gray
• Mounting height: 7 to 15 ft. (2.13 to 4.57 m) typical

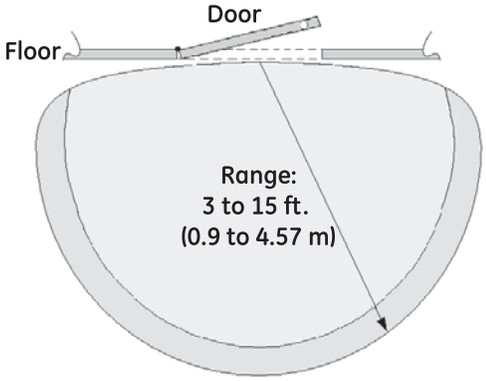
Regulatory

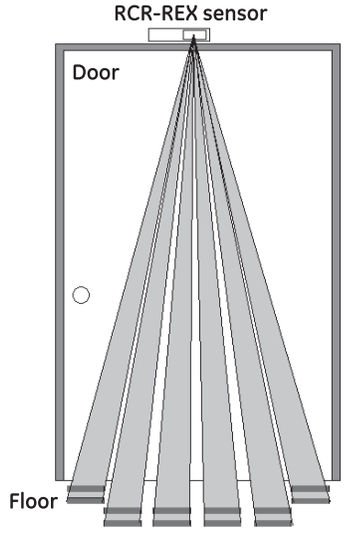
• FCC, CE, UL, CUL

Dimensions



Coverage Patterns





Ordering information

RCR-REX-W Dual technology request-to-exit motion sensor, DPDT, Form C, includes wall plate, white
RCR-REX-B Dual technology request-to-exit motion sensor, DPDT, Form C, includes wall plate, black
RCR-REX-G Dual technology request-to-exit motion sensor, DPDT, Form C, includes wall plate, gray
Accessories
RCR-WP-W Single gang wall plate, 2.25 x 8.375 in. (57 x 213 mm), white
RCR-WP-B Single gang wall plate, 2.25 x 8.375 in. (57 x 213 mm), black
RCR-WP-G Single gang wall plate, 2.25 x 8.375 in. (57 x 213 mm), gray

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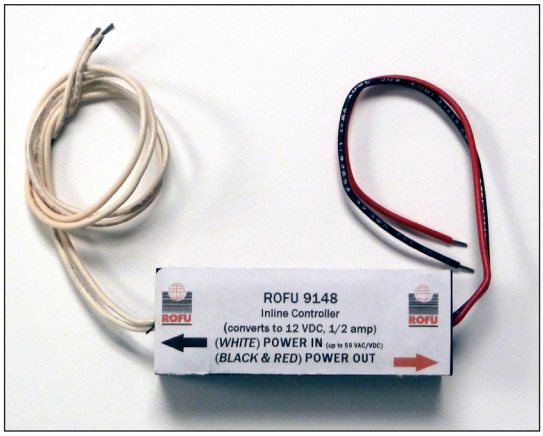
Power Converter - 48V

P/N 300771

Designed to drop any voltage up to 50 VDC / VAC down to 12 VDC. Simple installation. 2 wires in and 2 wires out.



Specifications	
Part Number	300771
Output	12 Volts DC @ 0.5 amps
Dimensions	2″ x 13/16″ x 11/16″ (51 x 21 x 18 mm)
Warranty	90 days

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Exit Button

P/N 300785

Request-to-Exit Plate

Green, 2" square, push-button

Features:

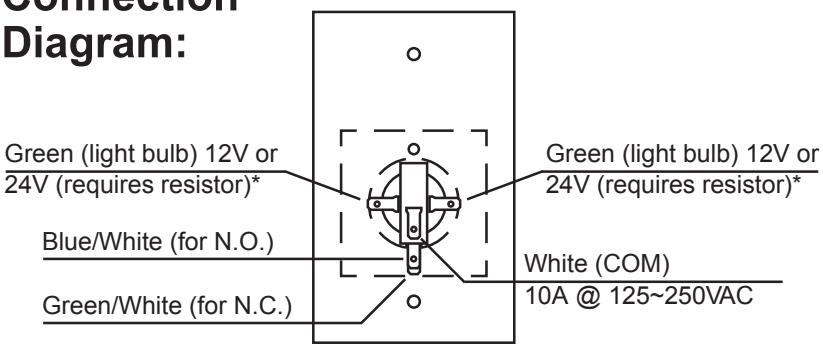
- Stainless-steel, single-gang message plate.
- Large (2” square), illuminated, momentary push button.
- "PUSH TO EXIT” message can be replaced with “PRESIONE PARA SALIR” message.
- N.O./N.C. contacts rated 10 Amps.

Included:

- “PUSH TO EXIT” and “PRESIONE PARA SALIR” message plates.
- Five color-coded, 12-inch, AWG 18 wire leads with easy-to-attach spade lugs for fast installation.
- Stainless-steel single-gang plate.
- Replacement bulb (12V, 1.2W, 15,000-hour life).
- Resistor (150 ohm, 1 Watt).

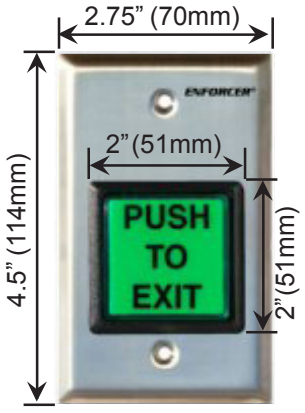
“PRESIONE PARA SALIR” message plate also included

Connection Diagram:



*Note: Use 150 ohm, 1 watt resistor on either one of Green wires for 24 volt bulb operation.

Dimensions:



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Key Switch

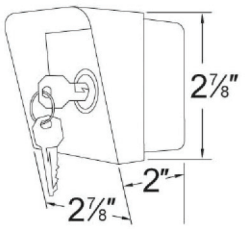
P/N 300839

CI-GKS1

FEATURES

- INTERIOR OR EXTERIOR USE
- HEAVY-DUTY DIE CAST ALUMINUM ENCLOSURE
- NEMA 1 AND NEMA 2 RATED FOR INTERIOR
- NEMA 4 RATED FOR EXTERIOR
- FORM A AND FORM C OUTPUTS (VARIES BY MODEL)
- HIGH POWER OUTPUTS RATED 3A @ 240 VAC
- TAMPER RESISTANT
- UL LISTED, CSA CERTIFIED

DESCRIPTION



CI-GKS1

CAMDEN DOOR CONTROLS CI Series of key and gate switches feature heavy-duty faceplates with die cast aluminum enclosures and rubber gaskets. These key switches provide 2 SPST momentary switches* rated 3A @ 240 VAC and a mortise cylinder with 2 keys. UL Listed and CSA certified, these key switches are also tamper proof. To gain access to the interior of the switch, remove the cover plate screws. Insert and turn the key clockwise or counterclockwise as far as it will go. Holding the key in place, pull the cover straight off the chassis.

* Except GKS1 and GKS2, which are SPDT switches.

APPLICATION

Camden Door Controls CI Series key and gate switches are designed to control automatic overhead doors, security gates, storefront grills and shutters. They can also be used for shunting, bypassing alarms, request to exit, timed functions and many other applications.

ARCHITECTS / ENGINEERS SPECIFICATIONS

The key and gate switches used throughout the complex shall be tamper resistant with heavy-duty faceplates. The enclosures shall be constructed of die cast aluminum with a rubber gasket to seal against moisture. The key and gate switches shall be Nema 1 and Nema 2 compliant for indoor use and Nema 4 compliant for outdoor use. The switches shall be rated for 3 A @ 240 VAC and shall be UL Listed and CSA approved. All switches shall be tamper resistant.

SPECIFICATIONS

APPLICATION	MODEL	DESCRIPTION
GATE SWITCHES	CI-GKS1	POST MOUNTED GATE SWITCH, SPDT, 3A @ 240 VAC

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