UL 294 and ULC-S319 Standards for Access Control

CM-RQE70 SERIES
PIR 'REQUEST TO EXIT' DETECTORS

CM-RQE70

CM-RQE70BK

CM-RQE70
(Shown with CM-RQEPW adaptor plate)

FEATURES

- COMPACT SIZE, DESIGNED TO MOUNT ON DOOR FRAMES
- EASY TO USE ON-BOARD PROGRAMMING BUTTONS. NO DIP SWITCHES
- (4) FACTORY DEFAULT OPERATING MODES, WITH THE ABILITY TO CUSTOMIZE MODE ATTRIBUTES
- SELECTABLE FAIL SAFE/FAIL SECURE
- (2) FORM 'C' CONTACTS
- MOMENTARY AND LATCHING RELAY MODES
- SECONDARY ACTIVATION DEVICE INPUT
- CARD/KEYPAD INPUT
- DOOR POSITION SWITCH INPUT
- REQUEST TO EXIT INPUT
- BUILT-IN SOUNDER (ADJUSTABLE)
- TAMPER SWITCH

DESCRIPTION

Camden Door Controls, CM-RQE70 PIR 'REQUEST TO EXIT' DETECTORS provide the latest word in design, with a complete list of "high performance" features, including secondary activation device input, door monitoring, two relay outputs, and tamper alarm. Many new programming, installation, and set-up features that have never previously been available. Camden started by making the CM-RQE70 smaller, so it can easily fit on door frames, and then made installing the detector faster and easier. CM-RQE70 comes with 4 factory default operating modes that can be selected with simple push buttons on the circuit board. Have an unusual installation and need custom settings? No problem, you can use the on-board push buttons to customize the default operating modes or program your own custom operating mode. CM-RQE70 isn't just a new REX detector, it's a whole new approach to REX detector design!

ARCHITECTS/ENGINEERS SPECIFICATIONS

PIR Request To Exit (REX) detectors shall be UL and ULC listed Camden Door Control model CM-RQE70, providing horizontal and vertical sensor adjustment, adjustable range sensitivity, (2) Form 'C' relay outputs, inputs for Card or keypad, door position, request to exit switch and shall be powered 12/24V DC. The REX detector shall not have a height exceeding 1 3/4" (43 mm), so that it may be mounted on the door frame, if required. The REX detector shall have (4) factory default operating modes, including door prop alarm and secondary device activation, with field selection via on-board push buttons.

KEY SWITCHES

PUSH BUTTONS

MOUNTING OPTIONS

RF CONTROLS

HANDS-FREE SWITCHES

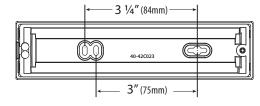SPECIAL PURPOSE SWITCHES

KEYPADS

ACCESSORIES

SELECTABLE OPERATING MODES

Camden CM-RQE70 Series REX detectors offer 4 factory default operating modes, selected by programming buttons on the circuit board.
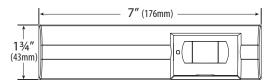
MODE 1: **LATCHED REX SENSOR:** RELAY ACTIVATED, HELD BY TIMER.

MODE 2: **DOOR PROP ALARM:** DETECTOR WILL ALARM IF HELD OPEN.

MODE 3: **ACCESS CONTROL:** DETECTOR CONTROLLED BY SYSTEM OR SECURE DEVICE.

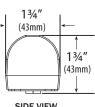**MODE 4:** **CUSTOM SETTINGS**: INSTALLER CAN PROGRAM ALARM PARAMETERS.

3 ¼" (84mm)

3" (75mm)

40-42C023

CM-RQE70

SPECIFICATIONS

VOLTAGE:	12 /24V DC OPERATION
CURRENT DRAW:	50MA (MAX)
RELAYS:	(2) FORM 'C' (DPDT)
CONTACT RATING:	3A @ 30VDC
PROGRAMMING:	ON-BOARD PUSH BUTTONS AND STATUS LED
MODES:	(4) FACTORY DEFAULT, (1) FULLY CUSTOM, SELECTABLE FAIL SAFE/FAIL SECURE
COVERAGE:	- MAX. 10' W X 10' H - HORIZONTAL & VERTICAL ADJUSTMENT (MECHANICAL) - SENSOR SENSITIVITY/RANGE (ELECTRONIC)
TIME DELAY:	ADJUSTABLE, 5, 15, 30, 45 & 60 SECOND
SOUNDER:	ON/OFF, WITH ADJUSTABLE VOLUME
PIEZO BUZZER:	92DB.@ 10CM.
INDICATOR:	ACTIVATION LED
CARD OR KEYPAD INPUT:	(1) N/O
DOOR POSITION SWITCH INPUT:	(1) N/O
REQUEST TO EXIT INPUT:	(1) N/O
TAMPER SWITCH CONTACT RATING:	50MA @ 12VDC
TEMP OPERATING RANGE:	32°F-120°F (0-50°C)
HUMIDITY RANGE:	0- 93% NON-CONDENSING
DIMENSIONS:	1 3/4"H X 7"W X 1 3/4"D (43mm x 176mm x 43mm)
WEIGHT:	0.25 LBS. (0.12KG.)
COLORS:	WHITE OR BLACK MODELS

7" (176mm)

1¾" (43mm)

FRONT VIEW

1¾" (43mm)

1¾" (43mm)

SIDE VIEW

ORDERING INFORMATION

CM-RQE70:	PIR 'REQUEST TO EXIT' DETECTOR, WHITE, W/ WIRING HARNESS, WHITE 12/24 VDC
CM-RQE70A:	PIR 'REQUEST TO EXIT' DETECTOR, WHITE, W/ WIRING TERMINAL, WHITE 12/24 VDC
CM-RQE70BK:	PIR 'REQUEST TO EXIT' DETECTOR, BLACK, W/ WIRING HARNESS, BLACK 12/24 VDC
CM-RQE70ABK:	PIR 'REQUEST TO EXIT' DETECTOR, BLACK, W/ WIRING TERMINAL, BLACK 12/24 VDC
CM-RQEPW:	SINGLE GANG ADAPTOR PLATE (WHITE)
CM-RQEPK:	SINGLE GANG ADAPTOR PLATE (BLACK)