



UL 294 and ULC-S319
Standards for Access Control

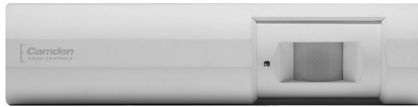
CM-RQE70

PIR 'REQUEST TO EXIT' DETECTORS



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
- PLUG-IN WIRING HARNESS, MAKES INSTALLATION EASY AND FAST
- 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



CM-RQE70



CM-RQE70BK

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. Camden also makes detector mounting and wiring easier with a simple plug-in wiring harness. 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.

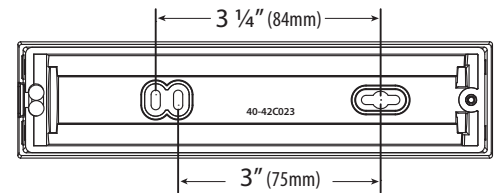
PIR 'REQUEST TO EXIT' DETECTOR

SELECTABLE OPERATING MODES

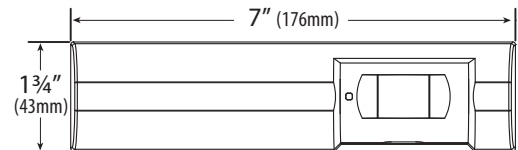
MODE	DESCRIPTION
MODE 1:	LATCHED REX SENSOR: THE MOST COMMON SETTING FOR REX DETECTORS. SENSOR ACTIVATES RELAY FOR DURATION OF RELAY ON TIME.
MODE 2:	DOOR PROP ALARM: THE DETECTOR WILL ALARM, IF THE DOOR IS HELD OPEN OR OPENED WITHOUT SENSOR ACTIVATION.
MODE 3:	ACCESS CONTROL: THE DETECTOR RELAY USED TO CONTROL THE OUTSIDE LOCK, CAN BE CONTROLLED BY AN ACCESS CONTROL SYSTEM, KEYPAD OR OTHER SECURE DEVICES.
MODE 4:	SECONDARY ACTIVATION DEVICE INPUT: THE DETECTOR REQUIRES THE INPUT OF ANOTHER DEVICE (SENSOR OR SWITCH), IN ADDITION TO SENSOR ACTIVATION, TO UNLOCK THE DOOR.
MODE 5:	CUSTOM SETTINGS: SELECTION OF RELAY 'ON' TIME, FAIL MODE, OPERATING MODE, PIR SENSITIVITY, SOUNDER VOLUME AND (3) INPUT TYPES.

SPECIFICATIONS

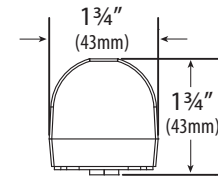
VOLTAGE:	12 /24V DC OPERATION
CURRENT DRAW:	50MA (MAX)
RELAYS:	(2) FORM 'C' (DPDT)
CONTACT RATING:	3A @ 30VDC
PROGRAMMING:	ON-BOARD PUSH BUTTONS AND STATUS LED
MODES:	- (4) FACTORY DEFAULT - (1) FULLY CUSTOM - SELECTABLE FAIL SAFE/FAIL SECURE
COVERAGE:	- MAX. 10' W X 10' H - HORIZONTAL & VERTICAL ADJUSTMENT (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:	7"L X 1 3/4"D X 1 3/4"H (176mm x 43mm x 43mm)
WEIGHT:	0.25 LBS. (0.12KG.)
COLORS:	WHITE AND BLACK MODELS



CM-RQE70



FRONT VIEW



SIDE VIEW

UL 294 ACCESS CONTROL PERFORMANCE LEVELS

- 1) ACCESS CONTROLS, DESTRUCTIVE ATTACK - LEVEL I (NO ATTACK)
- 2) LINE SECURITY - LEVEL I (NO LINE SECURITY)
- 3) ENDURANCE - LEVEL IV (100,000 CYCLES)
- 4) STANDBY POWER - LEVEL I (NO STAND BY POWER)

ORDERING INFORMATION

CM-RQE70:	PIR 'REQUEST TO EXIT' DETECTOR, WHITE, C/W (2) FORM 'C' (DPDT) CONTACTS, 12/24V AC/DC
CM-RQE70BK:	AS ABOVE, BLACK
CM-RQEPW:	SINGLE GANG ADAPTOR PLATE (WHITE)
CM-RQEPK:	SINGLE GANG ADAPTOR PLATE (BLACK)