

CM-419

REQUEST TO EXIT SENSORS



CM-419

FEATURES

- PASSIVE INFRARED DETECTOR
- DUAL PYROELECTRIC SENSORS FOR INCREASED STABILITY
- EXCELLENT IMMUNITY TO RFI AND OTHER ELECTRICAL NOISE
- UL LISTED
- 12 – 24V AC/DC INPUT
- 35° DETECTION COVERAGE
- 0.25 TO 60 SECOND PROGRAMMABLE OUTPUT RELAY HOLD TIME
- 2 FORM C RELAYS HANDLE UP TO 1 AMP EACH @ 30V DC
- FAIL SAFE – FAIL SECURE OPERATION
- AVAILABLE IN WHITE OR SILVER

DESCRIPTION

CAMDEN DOOR CONTROLS, CM-419 Series of Request-to-Exit Sensors are designed with dual pyroelectric sensors for increased stability against external light. The sensor adjusts straight downwards, blanketing the doorway to angles of 35° in front of the door. The detection area of the sensor is adaptable to cover a single door or double doors. Output relay hold times are adjustable from 0.25 to 60 seconds. Heavy-duty output relays can drive up to 1 amp of current for controlling door strikes and magnetic locks.

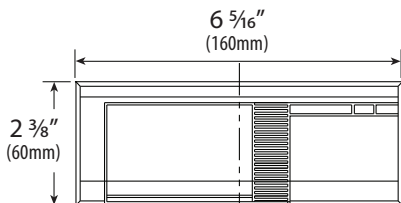
Fail safe – Fail secure operation is available via dip switches. The CM-419 series Request-to-Exit sensors are available in white or silver.

APPLICATION

Camden Door Controls, CM-419 Series Request-To-Exit Sensors, are designed for applications involving coverage at the threshold of a doorway. They can be combined with a card access system to shunt out the alarm system. Varied field selectable options make it a compatible choice for mag lock/door strike release and alarm system shunting.

ARCHITECTS/ENGINEERS SPECIFICATIONS

All Request-To-Exit Sensors used throughout the complex shall incorporate dual pyroelectric sensors for increased stability. They shall have 12-24V AC/DC voltage inputs. The Request-To-Exit Sensors shall have dual Form C output relays capable of handling 1 amp of current. The Request-To-Exit Sensors shall have adjustable relay hold times from 0.25 to 60 seconds. All Request-To-Exit Sensors shall be wall / ceiling mounted at heights up to 13' (4 m). All Request-To-Exit sensors shall be UL Listed.



CM-419

KEY SWITCHES

PUSH BUTTONS

MOUNTING OPTIONS

RF CONTROLS

HANDS-FREE SWITCHES

SPECIAL PURPOSE SWITCHES

KEYPADS

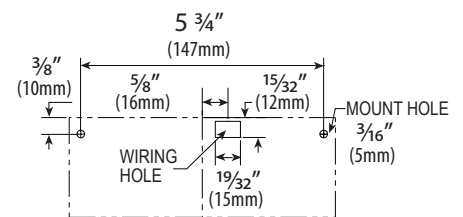
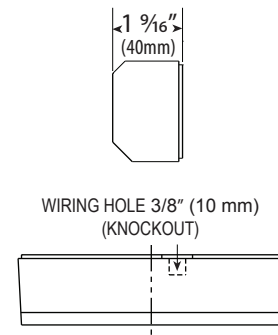
ACCESSORIES

REQUEST TO EXIT SENSORS

SPECIFICATIONS

DETECTION SYSTEM:	PASSIVE INFRARED
DETECTION AREA:	MOUNTING HEIGHT: 13' (4M) MAX PATTERN: SINGLE DOOR OR DOUBLE DOOR SELECTABLE
	ADJUSTMENT RANGE: WALL MOUNT: VERTICALLY 35° (8 STEPS) OVERHEAD MOUNT: VERTICALLY 20° (5 STEPS)
	SENSITIVITY: ADJUSTABLE
POWER SUPPLY:	12 TO 24V DC (NON POLARITY) 12 TO 24V AC (50HZ/60HZ)**
POWER CONSUMPTION:	40M A OR LESS /DC 70M A OR LESS /AC
OUTPUT:	DRY CONTACT RELAY 2C-30V (DC) 1A OR LESS/125V (AC) 0.6A OR LESS OPERATION: ONE SHOT HOLD TIME: ADJUSTABLE APPROX. 0.25 TO 60 SECONDS
LED:	GREEN OPERATION: SYNCHRONOUS DRY CONTACT RELAY (LED) DISABLED
WIRING CONNECTION:	TERMINALS
TEMPERATURE RANGE:	+14°F TO +122°F (-10°C TO +50°C)
MOUNTING POSITION:	WALL, CEILING, ON OR UNDER FRAME (INDOOR)
WEIGHT:	5.95 OZ (170G)
APPEARANCE:	COVER: WHITE OR SILVER WINDOW WHITE
ACCESSORIES:	TAPPING SCREWS: 2 PIECES RESISTER (82OHMS, 3W): 1 PIECE FOR 20 TO 24V AC COVER LOCKING SCREW: 1 PIECE

** When operated at 20 to 24V AC, connect attached resistor.



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ORDERING INFORMATION

MODEL	DESCRIPTION
CM-419W	REQUEST-TO-EXIT SENSOR – WHITE
CM-419S	REQUEST-TO-EXIT SENSOR – SILVER