

Section 1 _____ General Description

Camden models CM-30EE/LED are illuminated Exit switches incorporating a 30 second timer. The stainless steel faceplate is designed to mount into a 2 ½" deep single gang electrical box, included.

The large 2" translucent button is easy to push. CM-30EE model is supplied with a 12V AC/DC incandescent light bulb, which is accessed through the front or rear of the switch. CM-30EE/LED model is supplied with a 12V DC long-life LED. If the unit is **powered 24VDC, the supplied in-line resistor must not be removed.**

This switch has been designed specifically to release a magnetic lock from the inside, as per the BOCA code. When the button is pushed and released, the lock will release for 30 seconds. Re-trigger is possible at any time.

The "double break" circuitry has been designed so that even if the timer fails, depressing the switch will interrupt power to the magnetic lock.

Section 2 _____ Installation

Mounting

The unit is completely pre-wired for easy installation. Connect the appropriate wired to your devices as per the enclosed wiring diagram. Tuck wiring into box (retrofit box included), and fasten switch plate using standard or tamper screws provided.

Wiring

Six color coded leads are provided. This unit will operate on 12 or 24 VDC, with no jumper change required. For convenience it may be powered by the same power that supplies the magnetic lock. The two pairs of **Red & Black** wires connect to 12 or 24 VDC. One pair supplies power to the timer, and the other pair powers the light.

The internal timer and the push button are connected in series with the **Green & White** wires. This is how the "double break" feature works. Therefore, the unit *must be wired as shown*

The **Green** wire goes to the positive input wire of the magnetic lock, and the **White** wire goes to a source of + Voltage. Please refer to the enclosed wiring diagram for typical hook-up.

Important

CM-30EE models have a connected lead wire with black-colored heat shrink (over an in-line resistor). CM-30EE/LED models have a connected lead wire with blue-colored heat shrink (over an in-line resistor).

**If powered 24V; Do not remove in-line resistor
If powered 12V; Cut (remove) in-line resistor**

Section 3 _____ Technical Data

Lens Color	Green lens
Legend	Push to Exit
Size	4.5"h x 2.75"w x 2.5"d 114.3mm x 69.8mm x 63.5mm
Mounting	2 x #6-32 machine or tamper screws, supplied
Operating voltage	12 / 24 Volts DC
Time Delay	30 seconds
Contact Rating	4 amps @ 30 VDC
Incandescent Bulb Life	15,000hrs. @ rated capacity

Section 4 _____ Limited Warranty

Camden Door Controls Inc. warrants this product to be free from defects for 3 years from date of manufacturing. Visit our web site at www.camdencontrols.com to see our complete warranty policy, including limitations and the procedures for product returns.

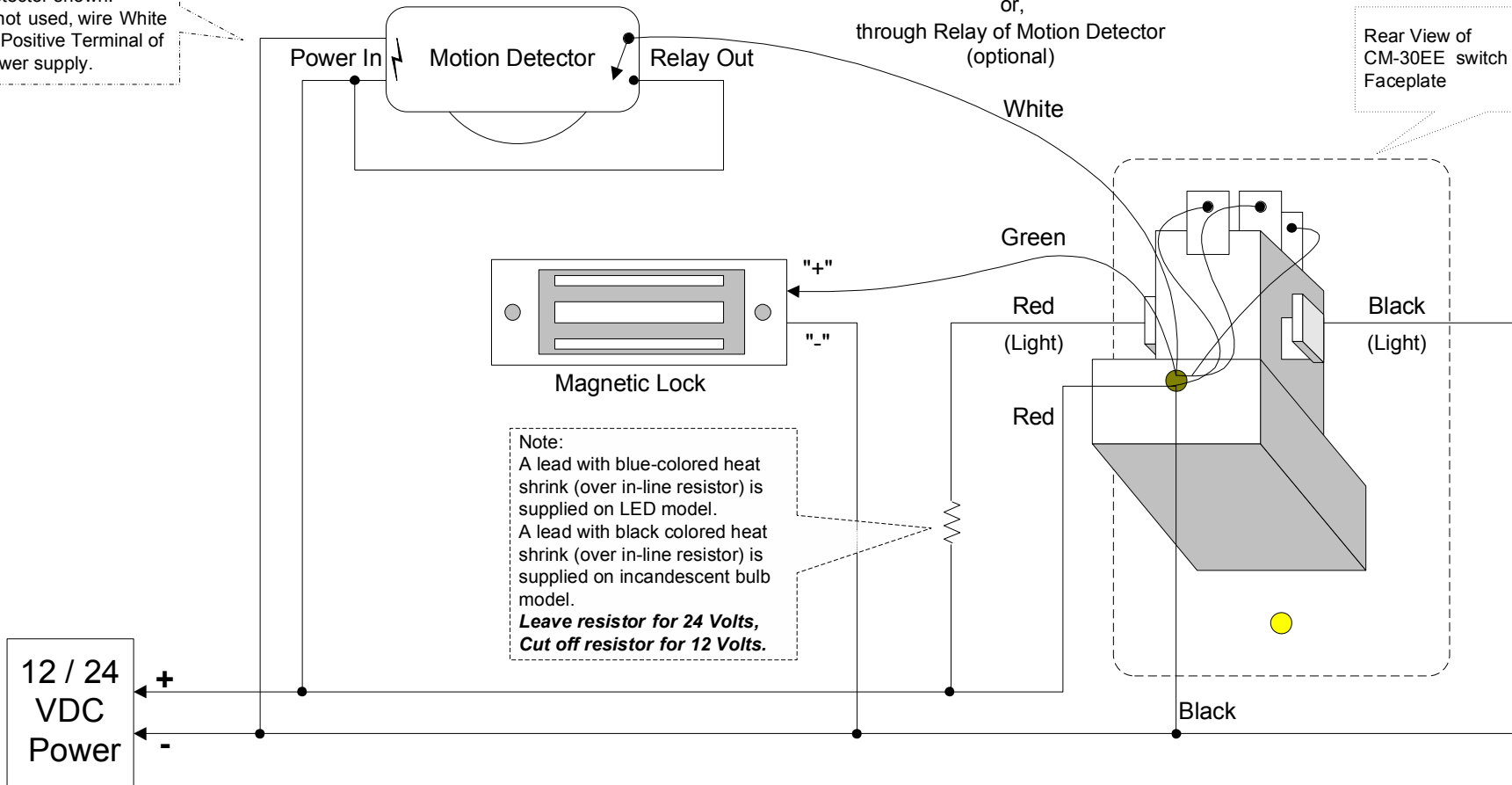
Questions?

Call us toll-free at 1-877-226-3369

Optional Motion Detector shown. If not used, wire White to Positive Terminal of power supply.

Wire White to "+" 12 / 24 VDC, or, through Relay of Motion Detector (optional)


Rear View of CM-30EE switch and Faceplate



NOTES:

The light bulb (incandescent or LED), can be accessed from the front, by using a small slot (flat) screwdriver to remove the plastic lens cover or from the back. To access from the back, detach the contact block from the light fixture assembly, held in place by two plastic retaining pins. Squeeze the retaining pins and gently pull the contact block to remove the light fixture assembly.

The contact block can be reassembled into the light assembly by simply pressing it in place.

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SCALE: NONE	DRAWN BY: DGW	DATE: 02/28/03	REVISED: 03/22/12
CM-30EE Egress Switch Wiring Diagram (Ver 2.0)			
DRAWING No: DRG-CM30EE-022803		FILENAME: CM-30EE Diagram.vsd	