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# CM-9600 Series

## Installation Instructions

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### Section 1 General Description

Camden CM-9600 series is a vandal resistant, illuminated exit switch incorporating a 40 second timer. The heavy duty stainless steel faceplate is designed to mount, depending on the model, into a single gang or narrow jamb electrical box.

The large round 1 inch diameter button is easy to push and can be activated while wearing gloves. Illumination and relay power is 12 to 24 V DC.

This unit has been designed specifically to control automatic doors, electric strikes and mag locks.

The unit is jumper selectable to show the relay ON or OFF status, with user selectable options for red, green or no illumination. User selectable N/O and N/C contacts are available

### Section 2 Installation

#### Wiring

This unit will operate on 12 to 24 VDC, with no jumper change required. For convenience it may be powered by the same power that supplies the magnetic lock or electric strike. The same pair of **Red & Black** wires connect to 12 to 24 VDC and supply power for the timer, and the LEDs.

Relay activation is wired through the N/O and/or N/C terminals shown on the diagram on page 2. When used with Camden's InVision32 access control system (or most others) the adjustable time delay is the best choice for contacts. DC power to the maglock is sent to the N/C side of contacts to ensure the maglock unlocks when the switch button is pushed. At the same time the N/O contact signals the InVision32 of a request to exit so it is logged in history.

### Section 3 Technical Data

Model	CM-9600 & 9610
Illumination Color	None, Red, Green
Operating Temp.	-40F to +160F -40C to +70C
Size Single Gang	4.5"h x 2.75"w x 1.5"d
Narrow Jamb	4.5"h x 1.75"w x 1.5"d
Mounting	2 x #6-32 machine screws
Operating voltage	12 to 24V DC
Time Delay	1 - 40 seconds
Contact Rating	2 amps @ 30V DC 1/2amp @ 125V AC
Contact Life	200,000+ @ rated capacity

### Section 4 Warranty

Camden Door Controls Inc. guarantees the CM9600 series to be free from manufacturing defects for lifetime. It may be returned to our factory where it will be repaired or replaced (at our discretion) without charge. Except as stated herein, Camden extends no warranties expressed or implied regarding function, performance or service.

**Questions?**  
**Call us toll-free at 1-877-226-3369**

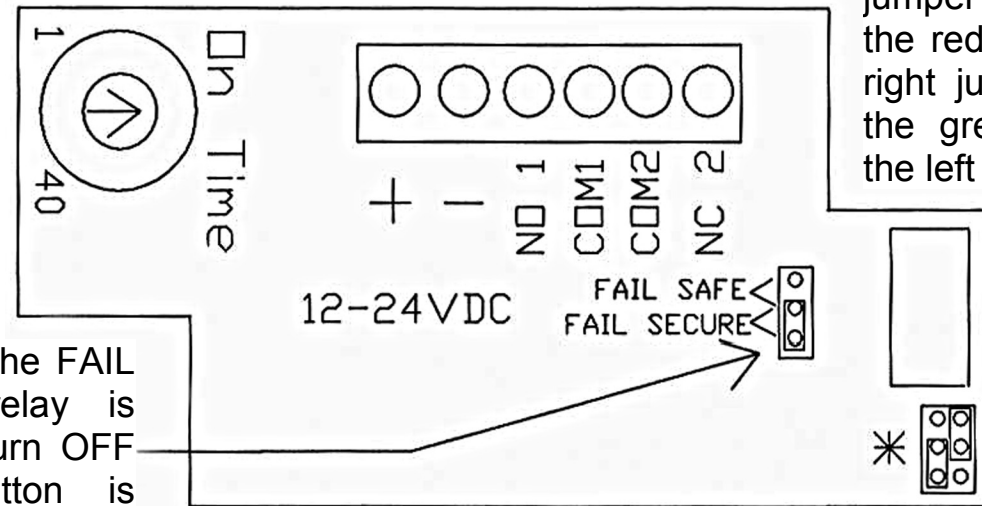
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**Input:** 12-24V DC

**Current Draw:** 60mA Active, LEDs ON  
40mA Active, LEDs OFF

**On Time:** 1 – 40 seconds adjustable

With the jumpers \* in place as indicated on the diagram the red LEDs are on in stand-by and the green LEDs turn on when the relay is on. To reverse the color sequence move the left jumper up and the right jumper down. To turn off the red LED, remove the right jumper. To turn off the green LED, remove the left jumper.



**Rear View**

When the jumper is in the FAIL SAFE position the relay is normally ON and will turn OFF when the Piezo button is pressed or there is a loss of power.

### Controlling The LEDs Remotely

Remove the jumper(s) \* and connect the middle pin to GND. The right pin will control the red LED and the left pin will control the green LED.

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