CM-8000 & CM-8100 Series
Push Buttons
INSTALLATION INSTRUCTIONS

THIS PACKAGE INCLUDES:
(1) 1" (25mm) diameter red or green Push button.
(1) Single Gang Die-cast Aluminum Faceplate.
(1) Normally open and/or Normally closed Contact block.
(1) Parts Kit

1. GENERAL DESCRIPTION
Camden Door Controls 8000 Series low profile exit switches are vandal resistant; designed and manufactured to meet the stringent demands of exit controls. They are supplied with a 1/4" thick heavy duty brushed aluminum plate, in 1 3/4"(44mm) or 2 3/4"(70mm) widths. Optional duranodic (US 40) finish is also available.

CM-8000 Series Extended Buttons are unobtrusive, yet easy to activate the button extends from the metal housing to provide visibility and allow for quick and easy activation. The low-profile design protrudes less than 1" from the wall.

The switches are UL/CSA approved, rated at 10 amps. The design of the Camden Exit Button is modular, so contacts can be stacked to control up to six distinct functions simultaneously.

2. SPECIFICATIONS

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage</td>
<td>12/24 VDC</td>
</tr>
<tr>
<td>Contact Rating</td>
<td>6A @ 30 VDC</td>
</tr>
<tr>
<td>Temperature Range</td>
<td>-13°F to 158°F (-25°C to 75°C)</td>
</tr>
<tr>
<td>Timer Life</td>
<td>100,000 cycles</td>
</tr>
<tr>
<td>Switch Type</td>
<td>Momentary</td>
</tr>
<tr>
<td>Standard Finish</td>
<td>Brushed Aluminum</td>
</tr>
<tr>
<td>Dimensions CM-8000:</td>
<td>4 ½&quot; H x 2 3/4&quot; W x 1 ½&quot; D (114mm x 70mm x 38mm)</td>
</tr>
<tr>
<td>Dimensions CM-8100:</td>
<td>4 ½&quot; H x 1 3/4&quot; W x 1 ½&quot; D (114mm x 44mm x 38mm)</td>
</tr>
</tbody>
</table>

3. APPLICATION
The CM-8000 Series Exit Switches are ideal for high traffic areas, such as store and building front entrances, and exits. They can be surface, flush, or mullion (narrow) mounted.

Camden Exit Switches are designed to control overhead doors, electric locks, electro-magnetic locks, electric strikes, automatic doors, and handicap operators. They may also be used for motor control, shunting, bypassing alarms, request to exit, timed functions, and many other applications. The switches are made for high frequency usage, in an indoor or outdoor environment. Camden Exit Switches are versatile, and are supplied in various configurations to suit commercial, industrial, and residential applications.

4. INSTALLATION
The CM-8000 series contact block is a SPST (Single Pole Single Throw). It can be ordered with either a Normally Open or Normally Closed contact block. Each contact block is color coded. A contact block with a green actuator is Normally Open, where the red actuator is Normally Closed. Both types are available in a Momentary configuration.

The CM-8000 series comes with one contact block but can easily have three attached across the back of the button. If the application calls for more than three functions to happen on activation, then each contact block can be stacked with another doubling the number of functions on activation.

Installation is very simple by inserting the wiring into the top and the bottom of the contact block and securing them with the two screw terminals.

Each contact block has its screw terminals numbered so that the provided diagrams can be followed with ease and clarity. The CM-8000 Series are supplied with a 1-3/4" brushed aluminum faceplate for door jamb mounting and can be easily mounted to a single gang electrical box.
5. WIRING

**SPST**

Momentary: When the switch is pressed the current pole will change to the opposite state until released.

Maintained: When the switch is pressed it will provide the opposite pole until the button is pressed again.

6. CM-8000 AND CM-8100 SERIES FRONT AND SIDE VIEW

7. PARTS INFORMATION
## ORDERING INFORMATION FOR REPLACEMENT PARTS

<table>
<thead>
<tr>
<th>ITEM NUMBER</th>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>60-66A019</td>
<td>RED MOMENTARY PUSH BUTTON (DIA. 1&quot;&quot;)</td>
</tr>
<tr>
<td></td>
<td>60-66A020</td>
<td>GREEN MOMENTARY PUSH BUTTON (DIA. 1&quot;&quot;)</td>
</tr>
<tr>
<td>2</td>
<td>A 60-41A003</td>
<td>DIE-CAST ALUMINUM SINGLE GANG FACE PLATE 4 1/2&quot;H x 2 3/4&quot;W x 1/4&quot;D (114mm x 70mm x 6mm)</td>
</tr>
<tr>
<td></td>
<td>B 60-41A004</td>
<td>DIE-CAST ALUMINUM MULLION FACE PLATE 4 1/2&quot;H x 1 3/4&quot;W x 1/4&quot;D (114mm x 44mm x 6mm)</td>
</tr>
</tbody>
</table>

## PARTS KIT

<table>
<thead>
<tr>
<th>ITEM NUMBER</th>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>3. FOR N-C &amp; N-O CONTACTS</td>
<td>60-34B024</td>
<td>(A) 6-32 x 3/4 FLAT HEAD PHILLIPS ZINC PLATED SCREW (B) 6&quot; ORANGE WIRE WITH INSULATED SPADE CONNECTOR (C) 6&quot; BLUE WIRE WITH INSULATED SPADE CONNECTOR</td>
</tr>
<tr>
<td></td>
<td>60-34B025</td>
<td>(A) 6-32 x 3/4 FLAT HEAD PHILLIPS ZINC PLATED SCREW (B) 6&quot; BLUE WIRE WITH INSULATED SPADE CONNECTOR (C) 6&quot; GREY WIRE WITH INSULATED SPADE CONNECTOR</td>
</tr>
<tr>
<td></td>
<td>60-34B026</td>
<td>(A) 6-32 x 3/4 FLAT HEAD PHILLIPS ZINC PLATED SCREW (B) 6&quot; ORANGE WIRE WITH INSULATED SPADE CONNECTOR (C) 6&quot; GREY WIRE WITH INSULATED SPADE CONNECTOR</td>
</tr>
</tbody>
</table>

## MODEL NUMBERS

<table>
<thead>
<tr>
<th>ITEM NUMBER</th>
<th>MODEL NUMBER</th>
<th>QTY</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.</td>
<td>CM-8000</td>
<td>CM-8100</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>CM-8010</td>
<td>CM-8110</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>CM-8020</td>
<td>CM-8120</td>
<td>1</td>
</tr>
</tbody>
</table>

## INDIVIDUAL CONTACT OPTIONS

<table>
<thead>
<tr>
<th>ITEM NUMBER</th>
<th>PART NUMBER</th>
<th>QTY</th>
<th>ITEM NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.</td>
<td>60-66C000</td>
<td>1</td>
<td>NORMALLY OPEN CONTACT BLOCK</td>
</tr>
<tr>
<td></td>
<td>60-66C001</td>
<td>1</td>
<td>NORMALLY CLOSED CONTACT BLOCK</td>
</tr>
<tr>
<td></td>
<td>60-66C002</td>
<td>1</td>
<td>NORMALLY CLOSED CONTACT AN D NORMALLY OPEN BLOCK</td>
</tr>
</tbody>
</table>
### BUTTON ENGRAVED (IN WHITE) OPTIONS

<table>
<thead>
<tr>
<th>ITEM NUMBER</th>
<th>MODEL NUMBER</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>6.</td>
<td>CM-xxxE</td>
<td>EXIT</td>
</tr>
<tr>
<td></td>
<td>CM-xxxS</td>
<td>SORTIE</td>
</tr>
<tr>
<td></td>
<td>CM-xxxSA</td>
<td>SALIDA</td>
</tr>
</tbody>
</table>

### FACE PLATE ENGRAVED (IN BLACK) OPTIONS

<table>
<thead>
<tr>
<th>ITEM NUMBER</th>
<th>MODEL NUMBER</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>7.</td>
<td>CM-xxx/2</td>
<td>WHEELCHAIR</td>
</tr>
<tr>
<td></td>
<td>CM-xxx/3</td>
<td>PUSH TO OPEN</td>
</tr>
<tr>
<td></td>
<td>CM-xxx/3F</td>
<td>POUSSER POUR OUVIR</td>
</tr>
<tr>
<td></td>
<td>CM-xxx/3S</td>
<td>EMPUJE PARA ABRIR</td>
</tr>
<tr>
<td></td>
<td>CM-xxx/4</td>
<td>'WHEELCHAIR' &amp; 'PUSH TO OPEN'</td>
</tr>
<tr>
<td></td>
<td>CM-xxx/7</td>
<td>PUSH TO EXIT</td>
</tr>
<tr>
<td></td>
<td>CM-xxx/7F</td>
<td>POUSSER POUR SORTIR</td>
</tr>
<tr>
<td></td>
<td>CM-xxx/8</td>
<td>PUSH TO LOCK</td>
</tr>
</tbody>
</table>

### COMPATIBLE MOUNTING BOXES OPTION

<table>
<thead>
<tr>
<th>ITEM NUMBER</th>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>CM-34AL</td>
<td>SURFACE MOUNT BOX WITH STANDARD DEPTH AND THREADED CONDUIT ENTRY. HEAVY DUTY CAST ALUMINUM</td>
</tr>
<tr>
<td></td>
<td>CM-66</td>
<td>FLUSH BOX &amp; DRESS PLATE, STANDARD DEPTH BOX WITH 7&quot; X 7&quot; DRESS PLATE HEAVY GAUGE STAINLESS STEEL</td>
</tr>
<tr>
<td></td>
<td>CM-31</td>
<td>SLEEVE COVER FOR STANDARD 2 3/4&quot; X 4 1/4&quot; (69MM X 110MM) SURFACE ELECTRICAL BOX. HEAVY GAUGE STAINLESS STEEL</td>
</tr>
<tr>
<td></td>
<td>CM-CPC1</td>
<td>VANDAL AND WEATHER RESISTANT CLEAR LIFT COVER</td>
</tr>
<tr>
<td></td>
<td>CM-34BL</td>
<td>SINGLE GANG BLACK ABS BOX, SURFACE MOUNT</td>
</tr>
<tr>
<td></td>
<td>CM-34D</td>
<td>SURFACE MOUNT BOX WITH EXTRA DEPTH. HEAVY DUTY GREY POLYMER</td>
</tr>
<tr>
<td></td>
<td>FOR CM-8100 NARROW SERIES</td>
<td>SURFACE BOX WITH EXTRA DEPTH, FLAME, AND IMPACT RESISTANT BLACK POLYMER (ABS)</td>
</tr>
</tbody>
</table>