

# 2023

## PRODUCT GUIDE



LOCKING | CONTROL | ACTIVATION | ACCESS



## OPENING NEW DOORS TO INNOVATION, QUALITY, AND SUPPORT!

For 35 years, Camden Door Controls has designed and manufactured the very best door activation, control, locking, and access products to exceed the demands of any automatic door and security application.

Camden has built our success upon the cornerstones of our investments in new product development, our unwavering commitment to product quality, and our unique dedication to supporting our products with the best customer service in the industry.

In 2023, Camden is building on our legacy as we move into a new 40,000 sq. ft. manufacturing and warehouse facility, and continues to expand our range of new products and services. But, although our company continues to change, one thing never will – our promise to earn your business every day!



### BEST QUALITY

Camden is an ISO-9001 certified manufacturer with North American product design and manufacturing. Camden's dedication to product quality results in a manufacturing defect rate of less than 1%.



### EXCLUSIVE PRODUCTS

Camden leads the market with no-touch switches, wireless door activation, restroom control (privacy) systems, and electronic locking solutions that are not available from any other manufacturers.



### FASTEST DELIVERY

Our excellence in supply chain management gives Camden an industry-leading order fulfillment rate and the ability to ship 90% of orders within two business days!

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# LOCKING PRODUCTS

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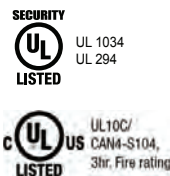


# ELECTRIC STRIKES

## LOCKING PRODUCTS

### CX-EPD1289L: 3/4" 'UNIVERSAL' GRADE 1 FIRE RATED RIM STRIKE WITH PRELOAD

*CX-EPD1289L Grade 1 electric RIM strike for pullman latches offers the best strike quality, with a preload release function for superior performance under the most demanding conditions. Industry-leading preload strike design registered under U.S. Patent 10,988,959.*



#### Features

- Up to 15 lbs. of preload pressure
- 'Universal' design, 12/24V, AC/DC
- 3/4" latch projection
- 'Plug-in' latch bolt monitor assembly
- 'No-cut' surface mount
- Tamper resistant stainless steel construction
- Non-handed, with plug-in wiring harness
- Stainless steel cover plate included
- Metal mounting jig included
- 5 year warranty

#### MODEL

|             |  |
|-------------|--|
| CX-EPD1289L | Surface mount Grade 1 RIM strike with preload, 12/24V, AC/DC, fail safe/fail secure, c/w 'plug-in' latch monitor assembly and metal mounting jig |
|-------------|--|

#### SPACER PLATE

|                |   |
|----------------|---|
| CX-EPD1289-SPC | Spacer plate for CX-EPD1289L surface mount RIM strike |
|----------------|---|

#### Specifications

|                             |   |
|-----------------------------|---|
| Voltage:                    | 12/24V, AC/DC   |
| Current Draw:               | 560mA @ 12VDC   280mA @ 24 VDC                                    |
| Strength - Static:          | 1,500 Lbs.   Dynamic: 70 Ft- Lbs.                                 |
| Preload (Fail-Secure Only): | 15 Lbs.   |
| Endurance:                  | 1,000,000 cycles (Factory Tested)<br>250,000 cycles (UL verified) |
| Mode:                       | Fail-safe / Fail-secure   |
| Duty:                       | Continuous  |
| Fire Rating:                | UL 10C/CAN4-S104   3 hrs. (Fail Secure)                           |
| Mechanical Adjustment:      | Strike Body   |
| Operation:                  | AC-Buzz, DC-Silent  |
| Latch Projection:           | 3/4"  |
| Latch Bolt Monitor:         | SPDT, 100mA @ 24 VDC  |
| Dimensions (Body):          | 9-1/8"H x 1-7/8"W x 3/4" D<br>(231.6mm x 48mm x 19.8mm)           |

**Finally, a  
RIM Strike  
Designed  
for Every  
Installer!**

### CX-EPD1289L

Whether you've installed a hundred RIM strikes or just one, Camden's remarkable preload strike is designed to get you off the job faster and can even avoid future service calls!

The patented design of CX-EPD1289L RIM strikes will release with up to 15 lbs of preload pressure, caused by differences in air pressure, inexact installation, or misaligned doors (during or after installation).





## CX-ED1500 SERIES: DUAL MONITOR & LOW PROFILE 'ALL IN ONE' FIRE RATED ELECTRIC STRIKES

**CX-ED1500L2\* Series** strikes are grade 1 fire rated with dual lock monitors and strike monitor, adjustable within the strike cavity.

**CX-ED1500LP Series** low profile strikes are grade 1 fire rated with (1) latch and strike monitor, adjustable within the strike cavity.



UL 1034  
UL 294



UL10C/  
CAN4-S104,  
3hr. Fire rating



UL10C/  
CAN4-S104,  
3hr. Fire rating



CX-ED1500L2\*



CX-ED1500LP

Images shown with faceplates

### Features

- For mortise and cylindrical locksets
- A range of strike and faceplate packages for latchbolts and deadbolts
- Selectable fail safe/fail secure
- Selectable 12/24V, AC/DC
- Magnetic door position switch
- 1 or 2 latch and deadbolt monitoring switches
- Strike power monitor
- Non-handed, left or right
- Easy fit connectors
- 5 year warranty

### MODELS

|             |   |
|-------------|---|
| CX-ED1500L2 | Strike Body with Latch & Deadbolt Monitor Switch  |
| CX-ED1500LP | Low Profile Strike Body with Latch Monitor Switch |

### STRIKE AND MULTI FACEPLATE PACKS

#### Dual Monitor

|                  |  |
|------------------|--|
| CX-ED1500L2-Pac1 | Strike w/ 2 Latch Monitors, 8 Faceplate Package for Latchbolts & Deadbolts Including: CX-EMP100, CX-EMP200, CX-EMP300, CX-EMP400, CX-EMP110, CX-EMP210, CX-EMP310, CX-EMP410 |
| CX-ED1500L2-Pac2 | Strike w/ 2 Latch Monitors, 4 Faceplates for Latchbolts Including: CX-EMP100, CX-EMP200, CX-EMP300, CX-EMP400  |
| CX-ED1500L2-Pac3 | Strike w/ 2 Latch Monitors, 4 Faceplates for Deadbolts Including: CX-EMP110, CX-EMP210, CX-EMP310, CX-EMP410   |

#### Low Profile

|                  |  |
|------------------|--|
| CX-ED1500LP-Pac1 | Strike w/ Latch Monitor, 4 Faceplates for Latchbolts Including: CX-EMP100, CX-EMP200, CX-EMP300, CX-EMP400 |
|------------------|--|

### LATCH MONITOR OPTION

|           |   |
|-----------|---|
| 60-35E008 | Optional Latch Monitor Assembly for CX-ED1500LP and CX-ED1500L2 Strikes, Form 'C' N/O or NC contact |
|-----------|---|

### Specifications












|                  |  |
|------------------|--|
| Voltage:         | 12/24V AC/DC   |
| Current Draw:    | 300mA @12V AC/DC   150mA @ 24V AC/DC   |
| Static Strength: | 1,500 Lbs.   Dynamic: 70 Ft- Lbs.  |
| Endurance:       | 1,500,000 Cycles (Factory Tested)<br>250,000 Cycles (UL Verified)  |
| Lock Monitor:    | 2 x SPST, 100mA @ 24V DC, Resistive  |
| Strike Monitor:  | SPDT, 100mA @ 24V DC, Resistive  |
| Mode:            | Field Selectable Fail Safe/Fail Secure   |
| Fire Rating:     | <b>CX-ED1500L2</b><br>ETL 10C/CAN4-S104   3 hrs.<br><b>CX-ED1500LP</b><br>UL 10C/CAN4-S104   3 hrs. (Fail Secure)  |
| Duty:            | Continuous   |
| Dimensions:      | <b>CX-ED1500L2 Body:</b><br>3-3/8" H x 1-3/4" W x 1-5/8" D<br>(86mm x 44mm x 42mm)<br><b>CX-ED1500LP Body:</b><br>3-3/8" H x 1-3/4" W x 1-3/8" D<br>(86mm x 44mm x 36mm) |



# ELECTRIC STRIKES

## LOCKING PRODUCTS

### CX-ED1500 SERIES: FACEPLATE GUIDE

| FACEPLATE                                      | IMAGE   | USAGE                                      | COMPATIBILITY                               | CX-ED1500L2-PAC1                             | CX-ED1500L2-PAC2  | CX-ED1500L2-PAC3                                       | CX-ED1500LP-PAC1                                | CX-ED1500L2                           | CX-ED1500LP                   |
|--|---|--|---|--|---|--|---|---------------------------------------|-------------------------------|
|  |   |  |   | Strike w/ 2 Latch Monitors, 8 Faceplate Pack | Strike w/ 2 Latch Monitors, 4 Faceplates for Latchbolts | Strike w/ 2 Latch Monitors, 4 Faceplates for Deadbolts | Low Profile Strike, 4 Faceplates for Latchbolts | Strike w/ 2 Latch Monitors, Body Only | Low Profile Strike, Body Only |
| <b>ANSI SQUARE METAL DOOR FRAME FACEPLATES</b> |   |  |   |  |   |  |   |                                       |                               |
| CX-EMP100                                      |    | ANSI Square-Metal Door Frame, Center Line  | All Cylindrical Locksets                    | ✓  | ✓   |  | ✓   |                                       |                               |
| CX-EMP200                                      |    | ANSI Square-Metal Door Frame, Deadlatch    | Baldwin, PDQ, Marks                         | ✓  | ✓   |  | ✓   |                                       |                               |
| CX-EMP300                                      |    | ANSI Square-Metal Door Frame, Deadlatch    | Sargent 8100 / 7700, Schlage, Yale 8700     | ✓  | ✓   |  | ✓   |                                       |                               |
| CX-EMP400                                      |    | ANSI Square-Metal Door Frame, Deadlatch    | Corbin Russwin, Sargent 7800 Falcon         | ✓  | ✓   |  | ✓   |                                       |                               |
| CX-EMP110                                      |   | ANSI Square-Metal Frame, Deadbolt          | Marks, Omnia, PDQ, Arrow, Accurate          | ✓  |   | ✓  |   |                                       |                               |
| CX-EMP210                                      |  | ANSI Square-Metal Frame, Deadlatch         | Corbin Russwin, Best 45/47, Falcon, Sargent | ✓  |   | ✓  |   |                                       |                               |
| CX-EMP310                                      |  | ANSI Square-Metal Frame, Deadbolt          | Sargent 7700 / 8100, Yale 8700              | ✓  |   | ✓  |   |                                       |                               |
| CX-EMP410                                      |  | ANSI Square-Metal Frame, 1", No Latch      | Marks, Baldwin, Arrow, PDQ                  | ✓  |   | ✓  |   |                                       |                               |
| <b>WOOD DOOR FRAME FACEPLATES</b>              |   |  |   |  |   |  |   |                                       |                               |
| CX-EMP100W                                     |  | Deadbolt Used for Nightlatch Function Only | Marks, Omnia, PDQ, Arrow                    |  |   |  |   |                                       |                               |
| CX-EMP400W                                     |  | Deadlatch Positioned Above the Latch Bolt  | All Cylindrical Locksets                    |  |   |  |   |                                       |                               |
| CX-EMP110W                                     |  | Center Line Applications                   | All Cylindrical Locksets                    |  |   |  |   |                                       |                               |
| <b>Optional Latch Monitor</b>                  |   |  |   |  |   |  |   |                                       |                               |
| 60-35E008                                      | Form 'C' Latch Monitor Assembly for CX-ED1500L2 and CX-ED1500LP Strikes             |  |   |  |   |  |   |                                       |                               |



## CX-ED1079 SERIES: 'UNIVERSAL' LOW & STANDARD PROFILE GRADE 1 ELECTRIC STRIKES

**CX-ED1079** (low profile, for 5/8" latch projection) and **CX-ED1079D** (standard depth, for 3/4" latch projection) 'Universal' grade 1 ANSI strikes offer 'universal' performance with selectable 12/24V AC/DC and fail safe/fail secure operation, and have horizontal faceplate/body adjustment. Both models have optional latch monitoring.



### Features

- Centerline latch entry for cylindrical and mortise locksets
- CX-ED1079, low profile. 1/2" to 5/8" latch projection (throw)
- CX-ED1079D, standard depth. 5/8" to 3/4" latch projection (throw)
- Selectable 12/24V AC/DC
- Selectable fail safe/fail secure operation
- Horizontal adjustability of strike faceplate/body
- 3 stainless steel faceplates included: ANSI square, hollow metal and wood door frame
- Continuous duty operation
- Non-handed
- 5 year warranty

### MODELS

|             |  |
|-------------|--|
| CX-ED1079   | Low Profile Grade 1 'Universal' electric strike, 12/24V AC/DC, fail safe/fail secure operation, horizontal adjustment, and 3 stainless steel faceplates (CX-ESP1B, CX-ESP3B & CX-ESP4B)    |
| CX-ED1079L  | As above, with latch monitoring  |
| CX-ED1079D  | Standard Depth Grade 1 'Universal' electric strike, 12/24V AC/DC, fail safe/fail secure operation, horizontal adjustment, and 3 stainless steel faceplates (CX-ESP1B, CX-ESP3B & CX-ESP4B) |
| CX-ED1079DL | As above, with latch monitoring  |

### FACEPLATES

#### Included in package

|          |   |
|----------|---|
| CX-ESP1B | ANSI Square, 4-7/8" x 1-1/4", stainless steel       |
| CX-ESP3B | Hollow Metal Door, 6-7/8" x 1-1/4", stainless steel |
| CX-ESP4B | Wood Door, 7-15/16" x 1-7/16", stainless steel      |

#### Additional faceplate

|          |  |
|----------|--|
| CX-ESP2B | ANSI Round, 4-7/8" x 1-1/4", stainless steel |
|----------|--|

### LIP EXTENSION BRACKETS

|            |   |
|------------|---|
| CX-ED-LIP1 | 1" Lip extension for ANSI strikes (Stackable) |
| CX-ED-LIP2 | 2" Lip extension for ANSI strikes             |

### CUTTING JIGS (For 1/4" Collet and a 1/8" Router bit)

|         |   |
|---------|---|
| CX-JIG1 | For CX-ED1079L Strike, ANSI Round faceplates (CX-ESP2B)                   |
| CX-JIG2 | For CX-ED1079L Strike, Hollow metal door faceplates (CX-ESP3B)            |
| CX-JIG3 | For CX-ED1079DL Strike, ANSI Round faceplates (CX-ESP2B)                  |
| CX-JIG4 | For CX-ED1079DL Strike, Hollow metal door faceplates (CX-ESP3B)           |
| CX-JIG5 | For CX-ED1079L & CX-ED1079DL Strikes, ANSI & Hollow metal door faceplates |

### Specifications

|                   |  |
|-------------------|--|
| Voltage:          | 12/24V AC/DC   |
| Current Draw:     | 260mA @ 12V AC/DC<br>150mA @ 24V AC/DC   |
| Static Strength:  | 1,500 Lbs.   |
| Dynamic Strength: | 70 Ft-Lbs.   |
| Mode:             | Selectable Fail safe/Fail-secure   |
| Endurance:        | 1,000,000 Cycles (Factory Tested)<br>250,000 Cycles (UL Verified)  |
| Operation:        | AC - Buzz   DC - Silent  |
| Duty:             | Continuous   |
| Latch Monitor     | SDPT, 100mA @ 24 VDC   |
| Dimensions:       | <b>CX-ED1079:</b><br>3-3/8"H x 1-3/4"W x 1-7/32"D<br>(86mm x 44mm x 31mm)<br><b>CX-ED1079D:</b><br>3-3/8"H x 1-3/4"W x 1-3/8"D<br>(86mm x 44mm x 35mm) |



CX-ED-LIP1

CX-JIG1



# ELECTRIC STRIKES

## LOCKING PRODUCTS

### CX-ED1379 / CX-ED1309: 'UNIVERSAL' GRADE 1 STRIKES FOR NARROW STILE ALUMINUM FRAME

*CX-ED1309 Grade 1 electric strikes for cylindrical and spring latch locksets offer 'Universal' performance, the best strike quality and features, including field selectable voltage and fail safe/fail secure operation with a wide range of aluminum and dark bronze faceplates.*



#### Features

- Ideal for cylindrical and spring latch locksets in wood, hollow metal or aluminum frames
- 1/2" to 5/8" (12mm to 16mm) latch projection
- Selectable fail safe/fail secure operation
- Selectable 12/24V AC/DC
- A wide range of aluminum and dark bronze faceplates available
- Easy fit connectors and mounting tabs included
- 5 year warranty

#### MODELS

|           |  |
|-----------|--|
| CX-ED1379 | Grade 1 'Universal' Electric Strike, 12/24V AC/DC, fail safe/fail secure operation, includes:<br>(1) CX-ESF-2 ANSI Round Faceplate - Brushed Aluminum finish<br>(1) CX-ESF-2BZ ANSI Round Faceplate - Dark Bronze finish |
| CX-ED1309 | Grade 1 'Universal' Electric Strike Body, 12/24V AC/DC, fail safe/fail secure operation. Order faceplate separately.   |

#### FACEPLATES

##### Brushed Aluminum Finish (BHMA 628)

|            |  |
|------------|--|
| CX-ESF-1   | ANSI Square Faceplate for CX-ED1309, Brushed Aluminum finish         |
| CX-ESF-2   | ANSI Round Faceplate for CX-ED1309, Brushed Aluminum finish          |
| CS-ESF-2BR | Radius ANSI Round Faceplate for CX-ED1309, Brushed Aluminum finish   |
| CX-ESF-3   | Hollow Metal Faceplate for CX-ED1309, Brushed Aluminum finish        |
| CX-ESF-3BR | Radius Hollow Metal Faceplate for CX-ED1309, Brushed Aluminum finish |
| CX-ESF-4   | Wood Frame Faceplate for CX-ED1309, Brushed Aluminum finish          |

##### Dark Bronze Finish (BHMA 710)

|               |   |
|---------------|---|
| CX-ESF-1BZ    | ANSI Square Faceplate for CX-ED1309, Dark Bronze finish         |
| CX-ESF-2BZ    | ANSI Round Faceplate for CX-ED1309, Dark Bronze finish          |
| CX-ESF-2BR-BZ | Radius ANSI Round Faceplate for CX-ED1309, Dark Bronze finish   |
| CX-ESF-3BZ    | Hollow Metal Faceplate for CX-ED1309, Dark Bronze finish        |
| CX-ESF-3BR-BZ | Radius Hollow Metal Faceplate for CX-ED1309, Dark Bronze finish |
| CX-ESF-4BZ    | Wood Frame Faceplate for CX-ED1309, Dark Bronze finish          |

#### Specifications

|                   |   |
|-------------------|---|
| Voltage:          | 12/24V AC/DC  |
| Current Draw:     | 260mA @ 12V AC/DC<br>150mA @ 24V AC/DC                                    |
| Faceplates:       | CX-ED1379:<br>Brushed aluminum (BHMA628)<br>Dark bronze (BHMA 710)        |
| Static Strength:  | 1,500 Lbs.  |
| Dynamic Strength: | 70 Ft. Lbs.   |
| Mode:             | Fail-safe/Fail-secure<br>Field selectable                                 |
| Operation:        | AC - Buzz<br>DC - Silent  |
| Duty:             | Continuous (DC)   |
| Endurance:        | 1,000,000 Cycles (Factory Tested)<br>250,000 Cycles (UL Verified)         |
| Dimensions:       | <b>Body:</b><br>4-7/8" H x 1-11/16" W x 1-5/8" D<br>(124mm x 43mm x 42mm) |



## LOCKING PRODUCTS

## CX-ED1410: 'ANSI' GRADE 1 FIRE RATED ELECTRIC STRIKE



*CX-ED1410 Grade 1 ANSI fire strike for UL fire rated doors / frames with cylindrical locksets offers the very best electric strike quality and performance. This 'ANSI' strike is designed to deliver unparalleled application flexibility, with field selectable voltage and fail safe/fail secure operation, over many years of trouble-free service.*

### Features

- Centerline latch entry for cylindrical locksets
- UL/ULC 90 minute fire rated
- UL 1034 Burglary listed
- 5/8" - 3/4" (16mm - 19 mm) latch projection
- Dual voltage 12/24V AC/DC
- Trim plate included
- Field selectable fail safe/fail secure operation.  
Note: Fire rating applicable only while in fail secure mode
- ANSI square faceplate included 4-7/8" x 1-1/4" (124mm x 32mm)
- 5 year warranty

### MODEL

|           |  |
|-----------|--|
| CX-ED1410 | Grade 1 'ANSI' fire electric strike, 12/24V AC/DC, fail safe/fail secure operation |
|-----------|--|

### CUTTING JIG (For 1/4" Collet and a 1/8" Router bit)

|         |                      |
|---------|----------------------|
| CX-JIG3 | For CX-ED1410 Strike |
|---------|----------------------|



CX-JIG3

### Specifications

|                    |   |
|--------------------|---|
| Voltage:           | 12/24V AC/DC  |
| Current Draw:      | 260mA @ 12V AC/DC<br>150mA @ 24V AC/DC  |
| Static Hold Force: | 1,500 Lbs.  |
| Dynamic Strength:  | 70 Ft- Lbs.   |
| Endurance:         | 1,000,000 Cycles (Factory Tested)<br>250,000 Cycles (UL verified)             |
| Fire Rating:       | 90 minutes (UL Verified)  |
| Mode:              | Field Selectable, Fail Safe/Fail Secure (Fire Rated in Fail Secure Mode Only) |
| Latch projection:  | 5/8" - 3/4" (16mm - 19mm)   |
| Operation:         | AC – Buzz   DC – Silent   |
| Duty:              | Continuous  |
| Dimensions (Body): | 3-3/8"H x 1-7/8"W x 1-3/8"D<br>(86mm x 47mm x 35mm)                           |

## SERIES 1959: OUTDOOR GRADE 1 ELECTRIC STRIKES WITH SURFACE BOX



*Series 1959 grade 1 outdoor rated strikes for cylindrical and mortise locksets (without dead bolts) offer the best strike quality and performance. The heavy duty stainless steel construction and universal design delivers unparalleled application flexibility, with field selectable voltage and fail safe or fail secure models. Perfect for exterior doors and gates.*

### Features

- UL Listed Grade 1 Strike for exterior doors & gates
- Surface Mounting Box Included
- Fail safe and fail secure models
- Selectable 12/24V AC/DC
- 7/8" Opening for latch & mortise locksets
- Non-handed, avoids stocking multiple strike models
- Easy fit connectors
- 5 year warranty

### MODEL

|              |  |
|--------------|--|
| CX-EL1959-MB | Outdoor rated Grade 1 strike for exterior doors and gates. Supplied with metal mounting box. 12/24V AC/DC, fail secure |
| CX-EU1959-MB | Outdoor rated Grade 1 strike for exterior doors and gates. Supplied with metal mounting box. 12/24V AC/DC, fail safe   |



(with Surface Box)

### Specifications

|                    |   |
|--------------------|---|
| Voltage:           | 12/24V AC/DC  |
| Current Draw:      | 280mA @ 12 VDC   140mA @ 24 VDC                                   |
| Strength:          | Static: 1,500 Lbs.   Dynamic: 70 Ft- Lbs.                         |
| Endurance:         | 1,000,000 cycles (Factory Tested)<br>250,000 cycles (UL Verified) |
| Latch Opening:     | 1-9/16" x 7/8" (40mm x 22mm)                                      |
| Duty:              | Continuous  |
| Dimensions (Body): | 4-7/8"H x 1-5/8"W x 1-5/8" D<br>(124mm x 42mm x 42mm)             |



# ELECTRIC STRIKES

## LOCKING PRODUCTS

### CX-ED1579L: 'ALL IN ONE' GRADE 1 FIRE RATED ELECTRIC STRIKE



UL 1034  
UL 294



UL10C/  
CAN4-S104,  
3hr. Fire rating

*CX-ED1579L Grade 1 electric strike for mortise and cylindrical locksets offers the best strike quality and features, with the added value of built-in latch monitoring, five stainless steel faceplates and 'Universal' performance, including field selectable voltage and fail safe/fail secure operation.*

#### Features

- For mortise and cylindrical locksets
- 3/4" (19mm) latch projection (throw)
- Selectable fail safe/fail secure operation
- Selectable 12/24V AC/DC
- 5 Stainless Steel faceplates included
- Non-handed, LH/RH
- Easy fit connectors for power & monitoring wires
- Latch monitoring
- Stainless steel strike body
- 5 year warranty

#### MODEL

|            |  |
|------------|--|
| CX-ED1579L | Grade 1 'All In One' Fire Rated Strike, 12/24V AC/DC, for mortise & cylindrical locksets |
|------------|--|

#### FACEPLATES

##### Included in package

|          |  |
|----------|--|
| CX-EMP-1 | Stainless faceplate for Sargent, Schlage & Yale Mortise Locksets             |
| CX-EMP-2 | Stainless faceplate for Arrow, Corbin, & Best mortise locksets               |
| CX-EMP-3 | Stainless faceplate for centerline mortise or cylindrical locksets           |
| CX-EMP-4 | Stainless faceplate for mortise locksets with deadbolt                       |
| CX-EMP-5 | Stainless faceplate for all mortise locks that include both latch & deadbolt |

#### CUTTING JIG (For 1/4" Collet and a 1/8" Router bit)

|         |  |
|---------|--|
| CX-JIG6 | For CX-ED1579L Strike, ANSI Faceplate (CX-EMP-3) |
|---------|--|



#### Specifications

|                     |  |
|---------------------|--|
| Voltage:            | 12/24V AC/DC   |
| Current Draw:       | 260mA @ 12V AC/DC<br>150mA @ 24V AC/DC                               |
| Static Force:       | 1,500 Lbs.   |
| Dynamic Force:      | 70 Ft- Lbs.  |
| Mode:               | Fail-safe / Fail-secure<br>Field selectable                          |
| Operation:          | AC - Buzz<br>DC - Silent   |
| Duty:               | Continuous (DC)  |
| Mounting:           | Non-Handed   |
| Endurance:          | 1,500,000 Cycles (Factory Tested)<br>250,000 Cycles (UL Verified)    |
| Fire Rating:        | UL10C / CAN4-S104<br>3 hrs. (Fail Secure Only)                       |
| Latch Bolt Monitor: | SPDT, 100mA @ 24V DC   |
| Dimensions:         | <b>Body:</b><br>4-7/8"H x 1-1/4"W x 1 3/4"D<br>(124mm x 32mm x 45mm) |

#### Stainless Steel Faceplates



CX-EMP-1



CX-EMP-2



CX-EMP-3



CX-EMP-4



CX-EMP-5



CX-JIG6



## CX-ED2071 / CX-ED2079: 'UNIVERSAL' LOW PROFILE GRADE 2 ELECTRIC STRIKES



**CX-ED2071** low profile grade 2 ANSI electric strike for cylindrical locksets provides exceptional value for installations that require 8 - 16V AC/DC operation. It includes 3 faceplates, selectable fail safe/fail secure operation and horizontal adjustment of the strike body.

**CX-ED2079** low profile 'Universal' grade 2 ANSI electric strike for cylindrical locksets provides exceptional value with 3 faceplates, and selectable 12/24V AC/DC voltage, fail safe/fail secure operation and horizontal adjustment of the strike body.

**CX-ED2079-1** Low profile 'Universal' grade 2 ANSI strike for cylindrical locksets, with (1) ANSI square faceplate, provides the best strike value.



**CX-ED2071 / CX-ED2079**

### Features

- Centerline latch entry for cylindrical locksets, 1/2" to 5/8" latch projection
- Horizontal adjustability of strike body
- Low profile strike body
- Selectable fail safe/fail secure
- 5 year warranty
- CX-ED2079:** 12/24V Strike, includes (3) Stainless Steel Faceplates ANSI Square, Hollow Metal Door and Wood Door
- CX-ED2079-1:** 12/24V Strike, includes (1) Stainless Steel Faceplate ANSI Square
- CX-ED2071:** 8V - 16V Strike, includes (3) Stainless Steel Faceplates ANSI Square, Hollow Metal Door and Wood Door

### Specifications

|                   |  |
|-------------------|--|
| Voltage:          | <b>CX-ED2071:</b> 8 - 16V, AC/DC<br><b>CX-ED2079:</b> 12/24V, AC/DC  |
| Current Draw:     | <b>CX-ED2071:</b><br>305mA @ 8 VDC, 625mA @ 16 VDC<br>190mA @ 8 VAC, 460mA @ 16 VAC<br><b>CX-ED2079:</b><br>300mA @ 12 VDC, 150mA @ 24 VDC |
| Static Strength:  | 1000 Lbs.  |
| Dynamic Strength: | 50 Ft. Lbs.  |
| Mode:             | Selectable fail safe / fail secure   |
| Endurance:        | <b>CX-ED2071 &amp; CX-ED2079:</b><br>700,000 cycles (Factory Tested)<br><b>CX-ED2079:</b><br>250,000 cycles (UL Verified)                  |
| Operation:        | AC - Buzz<br>DC - Silent   |
| Duty:             | <b>CX-ED2071:</b> Intermittent<br><b>CX-ED2079:</b> Continuous   |
| Mounting:         | Non-handed   |
| Dimensions:       | 3-3/8"H x 1-7/8"W x 1-7/32"D<br>(86mm x 44mm x 31mm)   |

### MODELS

|              |  |
|--------------|--|
| CX-ED2071    | 'Universal' electric strike, 8 - 16V AC/DC, fail safe/fail secure operation, horizontal adjustment, c/w 3 stainless steel faceplates (CX-ESP1B, ESP3B & ESP4B) |
| CX-ED2079*   | 'Universal' electric strike, 12/24V AC/DC, fail safe/fail secure operation, horizontal adjustment, c/w 3 stainless steel faceplates (CX-ESP1B, ESP3B & ESP4B)  |
| CX-ED2079-1* | 'Universal' electric strike, 12/24V AC/DC, fail safe/fail secure operation, horizontal adjustment, c/w 1 stainless steel faceplate (EX-ESP1B)                  |

### FACEPLATES

#### Included in package

|          |   |
|----------|---|
| CX-ESP1B | ANSI Square, 4-7/8" x 1-1/4", stainless steel       |
| CX-ESP3B | Hollow Metal Door, 6-7/8" x 1-1/4", stainless steel |
| CX-ESP4B | Wood Door, 7-15/16" x 1-7/16", stainless steel      |

#### Additional faceplate

|          |  |
|----------|--|
| CX-ESP2B | ANSI Round, 4-7/8" x 1-1/4", stainless steel |
|----------|--|

### LIP EXTENSION BRACKETS

|            |   |
|------------|---|
| CX-ED-LIP1 | 1" Lip extension for ANSI strikes (Stackable) |
| CX-ED-LIP2 | 2" Lip extension for ANSI strikes             |

### CUTTING JIGS (For 1/4" Collet and a 1/8" Router bit)

|         |  |
|---------|--|
| CX-JIG1 | For CX-ED1079L Strike, ANSI Round faceplate (CX-ESP2B)         |
| CX-JIG2 | For CX-ED1079L Strike, Hollow metal door faceplates (CX-ESP3B) |



**CX-JIG1**

**CX-ED-LIP1**



# ELECTRIC STRIKES

## LOCKING PRODUCTS

### SERIES 20: PRE-LOAD GRADE 2 ELECTRIC STRIKES

*20 Series pre-load electric strikes offer the highest pre-load rating, precision engineered quality and the most adjustability in the industry. 'Universal' operation include 12/24V, AC or DC, selectable fail safe/fail secure, an adjustable keeper and latch monitoring.*

#### Features

- For cylindrical locksets
- 1/2" to 5/8" latch projection (throw)
- Pre-load feature eliminates binding due to pressure against door latch
- Latch monitoring, standard on all models
- Selection of 4 faceplates
- Adjustable keeper, standard on all models
- Dual voltage, 12/24V AC/DC
- Selectable fail safe/fail secure
- 5 year warranty

#### ELECTRIC STRIKES WITHOUT FACEPLATE

CX-EPD-2000L Standard body, no faceplate

**NOTE : Faceplate options, sold separately**

#### ELECTRIC STRIKES WITH FACEPLATE

CX-EPD-2010L ANSI Square, 4-7/8" x 1-1/4", Stainless Steel  
 CX-EPD-2020L ANSI Round 4-7/8" x 1-1/4", Stainless Steel  
 CX-EPD-2030L Hollow Metal Door 6-7/8" x 1-1/4", Stainless Steel  
 CX-EPD-2040L Wood Door, 7-15/16" x 1-7/16", Stainless Steel

#### FACEPLATES

CX-ESP1 ANSI Square, 4-7/8" x 1-1/4", Stainless Steel  
 CX-ESP2 ANSI Round, 4-7/8" x 1-1/4", Stainless Steel  
 CX-ESP3 Hollow Metal Door, 6-7/8" x 1-1/4", Stainless Steel  
 CX-ESP4 Wood Door, 7-15/16" x 1-7/16", Stainless Steel



#### Specifications

Voltage: 12/24V AC/DC  
 Current Draw: 130mA @ 12 VDC  
 200mA @ 12 VAC  
 70mA @ 24V AC/DC  
 Static Strength: 1,500 Lbs.  
 Pre-Load (Fail Secure Only): 20 Lbs.  
 Endurance: 500,000 Cycles  
 Operation: Initial Buzz then Silent  
 Duty: Continuous  
 Latch Monitor: Standard  
 Keeper: Adjustable  
 Dimensions: 4-1/8"H x 1-3/4"W x 1-1/2"D  
 (105mm x 44mm x 38mm)

### SERIES 09: GLASS DOOR STRIKES

*09 Series strikes are designed for use on single swing glass doors, 1/2" (12.7mm) thick. 12 and 24 VDC, there are fail secure and fail safe models. Glass door strikes are reversible for left and right handed doors and can be installed at the top or side of the door.*

#### Features

- Continuous duty operation
- Fully reversible for right or left hand doors
- 5 year warranty

#### ELECTRIC STRIKES WITH FACEPLATE

CX-EL0955 Electric strike for glass doors, 12 VDC, Fail Secure  
 CX-EL0958 Electric strike for glass doors, 24 VDC, Fail Secure  
 CX-EU0955 Electric strike for glass doors, 12 VDC, Fail Safe  
 CX-EU0958 Electric strike for glass doors, 24 VDC, Fail Safe



#### Specifications

Voltage: 12 or 24 VDC Models  
 Static Strength: 561 Lbs. (254 Kg.)  
 Endurance: 200,000 cycles  
 Duty: Continuous duty operation  
 Temp Range: 5°F to 104°F (-15°C to 40°C)  
 Dimensions: 4-1/8"H x 3/4"W x 1-7/32"D  
 (105 mm x 20 mm x 31 mm)



Camden Makes It Easy & Fast To Find the Strike You Need

# Electric Strike Selection Wizard

Simply select the features you need, and the Electric Strike Selection Wizard will automatically scan our entire collection to present the strike that best suits your requirements, along with the specs and literature you need to get the job done.

- No knowledge of Camden products required.
- Easy to use. This selection tool eliminates all the guesswork.
- Automatically generates product specs and submittal documents.
- Hot links to website resources and quotation/delivery support.



[www.camdencontrols.com/wizard/strikes](http://www.camdencontrols.com/wizard/strikes)



# MAGNETIC LOCKS

## LOCKING PRODUCTS

### CX-90 / 91 SERIES: SINGLE DOOR MAGNETIC LOCKS

**CX-90** (300 Lbs.) and **CX-91** (600 Lbs. & 1200 Lbs.) single door magnetic locks offer the best performance and value. The wide selection of models includes a 'TDS' option with an adjustable timer, lock sensor, door status switch and LED. CX-91 Series magnetic locks are supported with a range of lock mounting accessories, including kits for glass doors. CX-91 Series 600 & 1200 Lbs. magnetic locks are now UL 1034, UL 294, & ULC S533 listed.



#### Specifications

|                   |   |
|-------------------|---|
| Voltage:          | 12/24 VDC   |
| Current Draw:     | <b>CX-90 Series:</b><br>360mA @ 12 VDC<br>180 mA @ 24 VDC<br><b>CX-91S-06 Series:</b><br>480mA @ 12 VDC<br>240mA @ 24 VDC<br><b>CX-91S-12 Series:</b><br>420mA @ 12 VDC<br>210mA @ 24 VDC   |
| Temp Range:       | 32°F - 131°F (0°C to 55°C)  |
| Contact Rating:   | TDS Models Only<br><b>Bond Sensor:</b><br>2A @ 24 VDC<br><b>Door Status Switch:</b><br>0.5A @ 28V AC/DC   |
| Time Delay:       | TDS Version only: 5 - 25 seconds  |
| Static Strength:  | <b>CX-91S-06 Series:</b><br>600 lbs. (Factory Tested)<br>500 lbs. (UL Verified)<br><b>CX-91S-12 Series:</b><br>1,200 lbs. (Factory Tested)<br>1000 lbs. (UL Verified)   |
| Dynamic Strength: | <b>CX-91S-06 Series:</b> 50 ft-lb<br><b>CX-91S-12 Series:</b> 70 ft-lb  |
| Endurance:        | 250,000 Cycles  |
| Body Dimensions:  | <b>CX-90S-03:</b><br>6-1/2"W x 1-3/8"H x 13/16"D<br>(165mm x 35mm x 21mm)<br><b>CX-90M-03:</b><br>8"W x 1-3/8"H x 13/16"D<br>(203mm x 35mm x 21mm)<br><b>CX-91S-06:</b><br>9-7/8"W x 2"H x 1-1/8"D<br>(250mm x 50mm x 29mm)<br><b>CX-91M-06:</b><br>9"W x 1-1/2"H x 1-1/8"D<br>(229mm x 38mm x 29mm)<br><b>CX-91S-12:</b><br>10-1/2"W x 2-5/8"H x 1-9/16"D<br>(266mm x 67mm x 39mm) |
| Armature Plate:   | <b>CX-90 Series:</b><br>5-1/8"W x 1-1/4"H x 1/4"D<br>(130mm x 32mm x 6mm)<br><b>CX-91S-06 Series:</b><br>7-5/32"W x 1-3/4"H x 15/32"D<br>(182mm x 44mm x 12mm)<br><b>CX-91S-12 Series:</b><br>7-9/32"W x 2-13/32"H x 5/8"D<br>(185mm x 61mm x 16.5mm)   |

#### Features

- 300, 600 and 1,200 Lbs. single door models
- Weather and vandal resistant construction proven over thousands of installations
- Surface and mortise mount models
- Compatible with all access/egress systems
- Metal mounting jig included on 600 Lbs. and 1200 Lbs. models
- Locking mounting bolts
- Field selectable 12/24 VDC operation
- On board MOV power surge protection prevents damage to mag lock
- Wide range of mounting brackets and spacers available
- Lifetime Warranty

#### MODELS

##### 300 Lbs.

|           |                                    |
|-----------|------------------------------------|
| CX-90M-03 | 300 Lbs. Mortise Mount Single Door |
| CX-90S-03 | 300 Lbs. Surface Mount Single Door |

##### 600 Lbs.

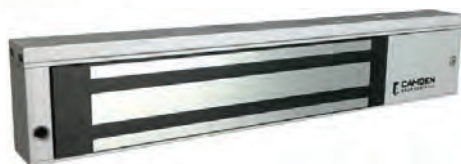
|               |   |
|---------------|---|
| CX-91M-06     | 600 Lbs. Mortise Mount Single Door - Basic  |
| CX-91M-06TLS  | 600 Lbs. Mortise Mount Single Door - With Adjustable Timer, Lock Sensor / Relay                           |
| CX-91S-06*    | 600 Lbs. Surface Mount Single Door - Basic  |
| CX-91S-06TDS* | 600 Lbs. Surface Mount Single Door - With Adjustable Timer, Door Status Switch, Lock Sensor / Relay & LED |

##### 1,200 Lbs.

|               |   |
|---------------|---|
| CX-91S-12*    | 1,200 Lbs. Surface Mount Single Door - Basic  |
| CX-91S-12TDS* | 1,200 Lbs. Surface Mount Single Door - With Adjustable Timer, Door Status Switch, Lock Sensor / Relay & LED |



CX-90S-03



CX-91S-06



CX-91S-12

WITH METAL MOUNTING JIG INCLUDED!



### CX-92S SERIES: DOUBLE DOOR MAGNETIC LOCKS

*CX-92S Series (600 Lbs. & 1200 Lbs.) double door magnetic locks offer the best performance and value. The wide selection of models includes a 'TDS' option with an adjustable timer, lock sensor, door status switch and LED. CX-92 Series magnetic locks are supported with a range of lock mounting accessories, including kits for glass doors. Now UL 1034, UL 294, & ULC S533 listed.*

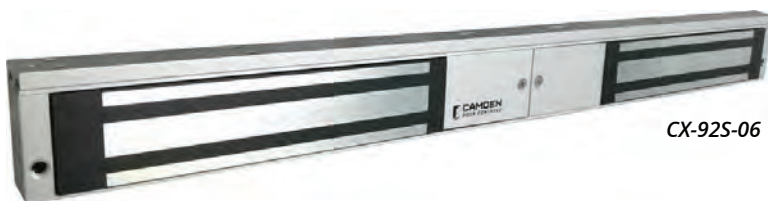


| Features  |   |
|---|---|
| <ul style="list-style-type: none"> <li>• 600 and 1,200 Lbs. single door models</li> <li>• Weather and vandal resistant construction proven over thousands of installations</li> <li>• Compatible with all access/egress systems</li> <li>• Metal mounting jig included</li> <li>• Locking mounting bolts</li> </ul> | <ul style="list-style-type: none"> <li>• Field selectable 12/24 VDC operation</li> <li>• On board MOV power surge protection prevents damage to mag lock</li> <li>• Wide range of mounting brackets and spacers available</li> <li>• Lifetime Warranty</li> </ul> |

| MODELS        |   |
|---------------|---|
| 600 Lbs.      |   |
| CX-92S-06     | 600 Lbs. Surface Mount Double Door Mag Lock - Basic   |
| CX-92S-06TDS  | 600 Lbs. Surface Mount Double Door Mag Lock - With Adjustable Timer, Door Status Switch, Lock Sensor, Relay & LED   |
| 1,200 Lbs.    |   |
| CX-92S-12*    | 1,200 Lbs. Surface Mount Double Door Mag Lock - Basic   |
| CX-92S-12TDS* | 1,200 Lbs. Surface Mount Double Door Mag Lock - With Adjustable Timer, Door Status Switch, Lock Sensor, Relay & LED |

### Specifications

|                   |   |
|-------------------|---|
| Voltage:          | 12/24 VDC   |
| Current Draw:     | <b>CX-92S-06 TDS:</b><br>2 x 510mA @ 12 VDC<br>2 x 285mA @ 24 VDC<br><b>CX-92S-12 TDS:</b><br>2 x 500mA @ 12 VDC<br>2 x 265mA @ 24 VDC  |
| Temp Range:       | 32°F - 131°F (0°C to 55°C)  |
| Contact Rating:   | TDS Models Only<br><b>Bond Sensor:</b><br>2A @ 24 VDC<br><b>Door Status Switch:</b><br>0.5A @ 28V AC/DC   |
| Time Delay:       | TDS Models Only: 5 - 25 seconds   |
| Static Strength:  | <b>CX-92S-06 TDS:</b><br>2 x 600 lbs. (Factory Tested)<br>2 x 500 lbs. (UL Verified)<br><b>CX-92S-12 TDS:</b><br>2 x 1,200 lbs. (Factory Tested)<br>2 x 1000 lbs. (UL Verified) |
| Dynamic Strength: | <b>CX-92S-06 TDS:</b> 50 ft-lb x 2<br><b>CX-92S-12 TDS:</b> 70 ft-lb x 2  |
| Endurance:        | 250,000 Cycles  |
| Body Dimensions:  | <b>CX-92S-06 TDS:</b><br>19-3/4"W x 2"H x 1-1/8"D<br>(500mm x 50mm x 29mm)<br><b>CX-92S-12 TDS:</b><br>21"W x 3"H x 1-9/16"D<br>(532mm x 76mm x 39mm)                           |
| Armature Plate:   | <b>CX-92S-06 TDS:</b><br>2 x 7-5/32"W x 1-3/4"H x 15/32"D<br>2 x (182mm x 44mm x 12mm)<br><b>CX-92S-12 TDS:</b><br>2 x 7-15/16"W x 3"H x 5/8"D<br>2 x (202mm x 76mm x 16.5mm)   |



CX-92S-06



CX-92S-12





# MAGNETIC LOCKS

## LOCKING PRODUCTS

### CX-93 SERIES: SHEAR LOCK

*CX-93M shear lock is designed for swinging doors, where the lock can be mortised into the door and frame. The CX-93M-12LS has a rugged and compact design, 1,200 Lbs. holding force, door monitor contact and selectable 3 to 12 second timer.*



CX-93M-12LS



CX-1015

#### Features

- 1,200 lbs (545 kg) holding force
- Built-in door monitor sensor and relay output 0.5 Amp @ 28 VDC
- Field selectable 12/24 VDC operation
- Compatible with all access / egress systems
- Selectable 3, 6, 9 and 12 second timer

#### MODELS

| CX-93M-12LS  | 1,200 lbs Shear lock, mortise mount, with bond sensor |
|--------------|---|
| Mounting Kit |   |
| CX-1015      | Glass door mounting kit for CX-93M-12LS               |

#### Specifications

|                 |   |
|-----------------|---|
| Voltage:        | 12/24 VDC   |
| Current Draw:   | 310mA @ 12 VDC<br>180mA @ 24 VDC  |
| Temp Range:     | 14°F to 122°F (-10°C to 50°C)   |
| Contact Rating: | <b>Bond Sensor:</b> 0.5A @ 28 VDC   |
| Time Delay:     | Selectable 3, 6, 9 & 12 Seconds   |
| Dimensions:     | <b>Lock:</b><br>1-3/8" H x 7-1/4" W x 1" D<br>(35mm x 184mm x 25mm)<br><b>Control Board:</b><br>2-1/2" H x 1-1/16" W<br>(61mm x 27mm) |

### CX-94 SERIES: GATE LOCK

*CX-94S-12LS gate lock is designed for outdoor applications. It offers exceptional performance and value with ultra low current draw, making it the ideal choice for most gating projects.*



#### Features

- 1,200 Lbs. holding force
- Compatible with all access / egress systems
- Conduit fitting for weather resistant installation
- Built-in lock sensor and relay
- Field selectable 12/24 VDC operation
- On board MOV power surge protection prevents damage to mag lock
- Lifetime warranty

#### MODEL

|             |  |
|-------------|--|
| CX-94S-12LS | 1,200 lbs Surface mount gate lock with lock sensor and relay |
|-------------|--|

#### Specifications

|                 |  |
|-----------------|--|
| Voltage:        | 12/24 VDC  |
| Current Draw:   | 500mA @ 12 VDC<br>250mA @ 24 VDC                     |
| Temp Range:     | 5F to 122F (-15°C to 50°C)                           |
| Contact Rating: | <b>Bond Sensor:</b><br>1A @ 30 VDC                   |
| Dimensions:     | 2-1/2" H x 8" W x 1-5/8"D<br>(63mm x 203mm x 41.5mm) |



### CX-91S & CX-92S SERIES: MOUNTING ACCESSORIES

Camden offers a wide selection of mounting accessories for CX Series 600 lbs. and 1,200 lbs. magnetic locks, including brackets, spacer bars and glass mounting kits. Magnetic lock accessories are now compatible to new UL 1034 & 294 compliant magnetic lock models, listed in our catalog. For assistance in ordering an accessory for an older version magnetic lock, please contact customer service.

| SINGLE DOOR MODELS       |   |
|--------------------------|---|
| Brackets                 |   |
| CX-MA0610                | L bracket for 600 lbs. magnetic lock                              |
| CX-MA0613                | LZ bracket for 600 lbs. magnetic lock                             |
| CX-MA1210                | L bracket for 1,200 lbs. magnetic lock                            |
| CX-MA1213                | LZ bracket for 1,200 lbs. magnetic lock                           |
| Spacer Bars              |   |
| CX-MA0614-38             | 3/8" spacer bar for 600 lbs. magnetic lock                        |
| CX-MA0614-12             | 1/2" spacer bar for 600 lbs. magnetic lock                        |
| CX-MA0614-58             | 5/8" spacer bar for 600 lbs. magnetic lock                        |
| CX-MA1214-38             | 3/8" spacer bar for 1,200 lbs. magnetic lock                      |
| CX-MA1214-12             | 1/2" spacer bar for 1,200 lbs. magnetic lock                      |
| CX-MA1214-58             | 5/8" spacer bar for 1,200 lbs. magnetic lock                      |
| Armature / Mounting Kits |   |
| CX-MA0612                | Armature housing for 600 lbs. magnetic lock                       |
| CX-MA1212                | Armature housing for 1,200 lbs. magnetic lock                     |
| CX-MA1215-95             | Split armatures (2) for 1,200 lbs. magnetic lock 3/8" (9.5mm)     |
| CX-MA1215-16             | Split armatures (2) for 1,200 lbs. magnetic lock 5/8" (16mm)      |
| Glass Door Mounting Kits |   |
| CX-MA0611                | Glass (1/2" thick) door mounting kit for 600 lbs. magnetic lock   |
| CX-MA1211                | Glass (1/2" thick) door mounting kit for 1,200 lbs. magnetic lock |
| DOUBLE DOOR MODELS       |   |
| Brackets                 |   |
| CX-MA1210D               | L bracket for 1,200 lbs. magnetic lock                            |
| CX-MA1213D               | LZ bracket for 1,200 lbs. magnetic lock                           |
| Spacer Bars              |   |
| CX-MA1214-38D            | 3/8" spacer bar for 1,200 lbs. magnetic lock                      |
| CX-MA1214-12D            | 1/2" spacer bar for 1,200 lbs. magnetic lock                      |
| CX-MA1214-58D            | 5/8" spacer bar for 1,200 lbs. magnetic lock                      |



L Bracket



LZ Bracket



Spacer Bar



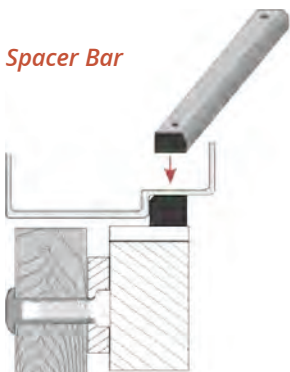
Armature



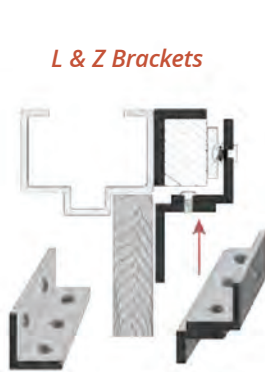
Glass Mounting Kit



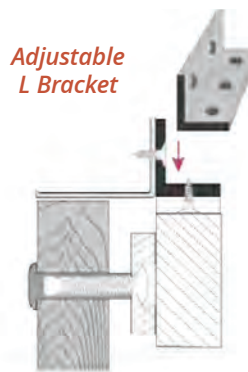
Split Armature



Spacer Bar



L & Z Brackets



Adjustable L Bracket



Glass Mounting Kit



# MAGNETIC LOCKS

## LOCKING PRODUCTS



## CX-DE1200 SERIES: DELAYED EGRESS MAGNETIC LOCKS

*CX-DE1200 Series delayed egress magnetic locks feature heavy-duty construction, 1,200 lbs. holding force and a range of models and field selectable operation for varied applications, including retail, institutional or healthcare buildings.*

*Delayed egress magnetic locks are UL and ULC listed and there is a selection of models factory configured to meet the code requirements of all jurisdictions in North America. The CX-DE1200 is supported with a tandem mag lock for double doors, and a full compliment of ancillary devices, including key switches, annunciators, and signal appliances.*



### Building & Fire Life Safety Code Compliant:

IBC International Building Code  
NFPA 101 Life Safety Code  
NFPA 1, UFC Uniform Fire Code  
CBC California Building Code  
BOCA National Building Code  
Chicago Building Code



## Specifications

Voltage: 12/24 VDC +/- 10% (Auto Sensing)

Current Draw: 600mA / 330mA

Lock Status Relay Rating Max: 30 VDC, 2A

Alarm Output Rating Max: 30 VDC, 2A

DPS Rating: Max. 30 VDC, 0.1A

Bond Sensor Rating: Max. CX-DE1200: 30 VDC, 2A

ATS Rating: 30 VAC / 42.4 VDC, 5A (Max.)

Holding Force: Up to 1,200 Lbs. (544 kg.)

Operating Temp: 0-55°C (32-131°F)

Dimensions: **Lock:** 3"H x 11"W x 3"D  
(76mm x 280mm x 74.5mm)

**Armature Plate:** 2-5/8"H x 11"W x 1"D  
(68mm x 280mm x 23.5mm)

## Features

- Holding Force up to 1,200 Lbs.
- Field selectable exit delay time 15/30 seconds
- Nuisance Delay period either 1, 2 or 3 seconds
- 75dB Buzzing Tone with LED segment bar displaying countdown time & field selectable voice alerts
- Choice of sensor to be activated:
  - Door Motion
  - Door Exit Device with momentary normally open contact
  - Push Bar with momentary normally open contact
- Automatic/manual start-up on power restore
- Vandal Resistant Proximity Trigger Sensor
- Auto Sensing Voltage Power Input 12/24 VDC
- Power polarity protection
- Optional Connection for Auxiliary Lock (Double Leaf Door)
- Hall Effect Sensor Monitoring Output
- Tamper Switch Output
- Tailgating Prevention - door will re-lock as soon as it closes
- Anti-Pass Back / Auto re-lock

## DELAYED EGRESS MAGNETIC LOCK OPERATION

*Delayed egress magnetic locks are available in a range of factory default operating modes. Select the model for your application based upon the NFPA, BOCA, and operation requirements of your local authority having jurisdiction.*

| MODELS   | DELAY RELEASE TIME (SECONDS) |            | NUISANCE DELAY (SECONDS) |            | RESET AFTER ALARM |            | LOCK STATUS ON POWER-UP |                   |
|--|------------------------------|------------|--------------------------|------------|-------------------|------------|-------------------------|-------------------|
|  | FIXED                        | SELECTABLE | FIXED                    | SELECTABLE | FIXED             | SELECTABLE | FIXED                   | SELECTABLE        |
| CX-DE1200/1220-N1                              |                              | 15 or 30   |                          | 1 or 2     |                   | Manual     |                         | Locked / Unlocked |
| CX-DE1200/1220-N2                              | 15                           |            |                          | 0 or 1     |                   | Manual     |                         | Locked / Unlocked |
| CX-DE1200/1220-N3                              | 30                           |            |                          | 0 or 1     |                   | Manual     |                         | Locked / Unlocked |
| CX-DE1200/1220-N4                              | 15                           |            |                          | 0 or 1     |                   | Manual     | Unlocked                |                   |
| CX-DE1200/1220-B1                              | 15                           |            |                          | 0 or 3     | Auto / Manual     |            |                         | Locked / Unlocked |
| CX-DE1200/1220-B2                              | 30                           |            |                          | 0 or 3     | Auto / Manual     |            |                         | Locked / Unlocked |
| CX-DE1200/1220-B3                              | 15                           |            | 0                        |            | Auto / Manual     |            |                         | Locked / Unlocked |
| N# = NFPA COMPLIANCE      B# = BOCA COMPLIANCE |                              |            |                          |            |                   |            |                         |                   |



## LOCKING PRODUCTS

| MODELS  |   |
|---|---|
| Delayed Egress Magnetic Lock - Single Door          |   |
| CX-DE1200-N1  | Single Maglock, NFPA 101, IBC, IFC, UBC Compliant                           |
| CX-DE1200-N2  | Single Maglock, NFPA 101, IBC, IFC, UBC, CBC (OSHPD) Compliant              |
| CX-DE1200-N3  | Single Maglock, NFPA 101, IBC, IFC, UBC - Fixed 15 sec. exit delay          |
| CX-DE1200-N4  | Single Maglock, NFPA 101, IBC, IFC, UBC - Fixed 30 sec. exit delay          |
| CX-DE1200-B1  | Single Maglock, BOCA Building Code - Fixed 15 sec. exit delay               |
| CX-DE1200-B2  | Single Maglock, BOCA Building Code - Fixed 30 sec. exit delay               |
| CX-DE1200-B3  | Single Maglock, City of Chicago Building Code                               |
| Delayed Egress Magnetic Lock - Double Door          |   |
| CX-DE1220-N1  | Single & Tandem Maglock, NFPA 101, IBC, IFC, UBC Compliant                  |
| CX-DE1220-N2  | Single & Tandem Maglock, NFPA 101, IBC, IFC, UBC, CBC (OSHPD) Compliant     |
| CX-DE1220-N3  | Single & Tandem Maglock, NFPA 101, IBC, IFC, UBC - Fixed 15 sec. exit delay |
| CX-DE1220-N4  | Single & Tandem Maglock, NFPA 101, IBC, IFC, UBC - Fixed 30 sec. exit delay |
| CX-DE1220-B1  | Single & Tandem Maglock, BOCA Building Code - Fixed 15 sec. exit delay      |
| CX-DE1220-B2  | Single & Tandem Maglock, BOCA Building Code - Fixed 30 sec. exit delay      |
| CX-DE1220-B3  | Single & Tandem Maglock, City of Chicago Building Code                      |
| Delayed Egress Magnetic Lock - Mounting Accessories |   |
| CX-DE1214-38  | 3/8" Filler Plate   |
| CX-DE1214-58  | 5/8" Filler Plate   |
| CX-DE1215   | 1" x 1.5" Angle Bracket   |
| CX-DE1216   | 1.5" x 1.5" Angle Bracket   |
| CX-DE1217   | 2.0" Angle Bracket  |



CX-DE502SO



CX-DESPK



CX-DESPK15-54i



CX-DESPK15-55i

## SYSTEM ACCESSORIES

Delayed egress magnetic locks are supported with a range of accessory devices, including reset station, speaker, and alarm annunciator. The external 15 watt speaker features field selectable red/green/blue visual annunciation.

| MODELS         |   |
|----------------|---|
| CX-DE502SO     | Remote annunciator for audio and visual distinction, stainless steel faceplate has a piezo and tri-color LED          |
| CX-DESPK       | Remote speaker station for audio and visual distinction, 3 LED color states and 8-ohm speaker for remote messaging    |
| CX-DESPK15FM   | Flush Mount, external 15W audio speaker station, non-illuminated  |
| CX-DESPK15SM   | Surface Mount, external 15W audio speaker station, non-illuminated  |
| CX-DESPK15-54i | Flush Mount, external 15W audio speaker station, optional Aura™ PCB feature displays 3 colors for designated states   |
| CX-DESPK15-55i | Surface Mount, external 15W audio speaker station, optional Aura™ PCB feature displays 3 colors for designated states |
| 60-57A027      | Delayed egress sign, raised lettering and braille language for the visually impaired                                  |

PUSH UNTIL ALARM  
SOUNDS. DOOR CAN BE  
OPENED IN 15 SECONDS.

KEEP PUSHING. THIS DOOR  
WILL OPEN IN 15 SECONDS.  
ALARM WILL SOUND.

PUSH UNTIL ALARM  
SOUNDS. DOOR CAN BE  
OPENED IN 30 SECONDS.

KEEP PUSHING. THIS DOOR  
WILL OPEN IN 30 SECONDS.  
ALARM WILL SOUND.



Signs Included with CX-DE1200 / CX-DE1220 - 4.5" x 13" (11cm x 33cm)

60-57A027



# DOOR CONTROL

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### CX-33: ADVANCED LOGIC RELAY

*CX-33 is a 'state of the art' door controller designed for 'universal' operation in virtually any automatic door application. This compact unit is small enough to fit inside most door operator cases. It provides a large 3 segment LED and simple push buttons for the easiest programming, and supports illuminated signage in restroom applications. It also leads the market with a range of exclusive operating features, including time duration in airlock applications and protection of automatic door operators when utilizing magnetic locks.*



#### Specifications

|                 |   |
|-----------------|---|
| Voltage:        | 12V to 24V AC/DC  |
| Current Draw:   | 105mA Typical, 320mA Max  |
| Response Time:  | 0.5 Seconds   |
| Display:        | Blue Multi-Segment LED  |
| Input:          | 4 x Dry<br>1 x Wet: min. 5V AC/DC<br>N/O or N/C Selectable  |
| Output:         | 3 x Form C (SPDT)   |
| Contact Rating: | 3A @ 30 VDC   |
| Temp Range:     | -22°F to +185°F (-30°C to +85°C)  |
| Time Delay:     | Hold 1 timer: 0-50 Seconds<br>Delay 1 Timer: 0-15 Seconds<br>Hold 2 timer: 0-50 Seconds<br>Delay 2 timer: 0-60 Seconds<br>Hold 3 Timer: 0-50 Seconds<br>Delay on Activate: 0-10 Seconds |
| Dimensions:     | 2"H x 6"W x 7/8"D<br>(51mm x 152mm x 22mm)  |

#### Features

- 15 operating modes with sub-modes
- Easily sequence multiple inputs with multiple maintain and hold outputs
- New V3.2 Features Include:
  - Lock Down Mode
  - Delayed Relay Activation
  - Selectable N.O or N.C. Inputs
- Large 3 segment (blue) LED display
- Outstanding power filtering and surge protection
- Selectable time delays with delay on input activation
- Larger terminal strips
- 12V to 24V AC/DC
- 3 year warranty

#### MODEL

|       |                      |
|-------|----------------------|
| CX-33 | Advanced Logic Relay |
|-------|----------------------|

### CX-33PS: ADVANCED LOGIC RELAY, POWER SUPPLY AND CABINET

*The industry leading CX-33 Advanced Logic Relay is available in a metal cabinet that centralizes all door control system components; a 12/24 VDC power supply module, and color coded termination blocks for quick and easy installation.*



#### Specifications

|             |  |
|-------------|--|
| Voltage:    | 16V to 28V AC/DC   |
| Output:     | 12V or 24 VDC  |
| Current:    | 2 Amps   |
| Temp Range: | 32°F to +120°F (0°C to +49°C)                            |
| Dimensions: | 11-1/16" H x 7-7/8"W x 2-13/16"D<br>281mm x 200mm x 72mm |

#### Features

- Rugged and compact metal cabinet
- Pre-wired with large terminal block for easy access
- Removable door with option for cabinet lock
- Five convenient conduit knockouts; one per side
- 12/24V DC power supply, 2 Amp. (UL listed)
- Available as part of Camden Restroom Control Kits (See pages 34-37).
- Short circuit and thermal overload protection
- 3 year warranty

#### MODEL

|         |   |
|---------|---|
| CX-33PS | Advanced Logic Relay, 2 Amp, Power Supply Cabinet and Transformer |
|---------|---|

#### Option

|     |   |
|-----|---|
| 'L' | Add suffix 'L' to model number for Cabinet Lock |
|-----|---|

## CX-EMF-2: MULTI-FUNCTION RELAY

*CX-EMF-2 is our most sophisticated door control relay designed to easily and quickly support a variety of applications. A dedicated 12V/5V LED output suitable for an illuminated "Occupied" sign is provided. Also available in secure lockable metal cabinet versions (EMF-2M or EMF-2ABM) suitable for wall mounting.*

**Applications:** Advanced automatic door and security control including ATM Vestibule Control (Banks), 1 or 2 door washroom in shared-use facility, 2 or 3 door Airlock (with auto-crossing), 2 to 5 door Airlock and 2 door Mantrap. Used where 'Assistance Required' input/output required in restroom applications.

| Features  |   |
|---|---|
| <ul style="list-style-type: none"> <li>• Microprocessor control</li> <li>• 3 mode selector switch</li> <li>• 5 adjustable timers, 1-30 seconds each</li> <li>• LEDs for visual confirmation</li> <li>• May be used on normally locked and normally unlocked washroom doors</li> <li>• 12-24V AC/DC</li> </ul> | <ul style="list-style-type: none"> <li>• Plug-In connectors facilitate wiring</li> <li>• SPDT contacts rated 3 Amps @ 30 VDC</li> <li>• 7 dry inputs</li> <li>• Use with fail-safe and fail-secure locks</li> <li>• Enclosed plastic case or mounted in metal enclosure</li> <li>• 3 year warranty</li> </ul> |

| MODELS      |   |
|-------------|---|
| CX-EMF-2    | Multi-function relay - plastic enclosure  |
| CX-EMF-2M   | Multi-function relay - metal cabinet, 1 control switch  |
| CX-EMF-2ABM | Multi-function relay - ABM metal cabinet, 2 control switches<br>Same as CX-EMF-2M but configured for ABM vestibules |



### Specifications

|                  |  |
|------------------|--|
| Voltage:         | 12/24V AC/DC   |
| Current Draw:    | 150mA Nominal,<br>500mA Maximum  |
| Response Time:   | .3 Seconds   |
| Input:           | 7 Dry Momentary Contacts,<br>1 Digital   |
| Output:          | 5 x Form 'C' (SPDT),<br>1 Digital Output   |
| Contact Rating:  | 3A @ 30 VDC  |
| Electrical Life: | 500,000 Operations<br>@ 1/2 Rated Capacity   |
| Time Delay:      | 5 Pots adjustable from<br>1-30 Seconds   |
| Dimensions:      | <b>CX-EMF-2:</b><br>2-7/8"H x 6-7/8"W x 7/8"D<br>(72mm x 173mm x 22mm)<br><b>CX-EMF-2M/2ABM:</b><br>12"H x 7-1/2"W x 3-3/4"D<br>(305mm x 190mm x 95mm) |



CX-EMF-2M



CX-EMF-2ABM

## CX-MD SERIES: DOOR CONTACT SWITCHES

*Surface and concealed mount door contact switches are used for monitoring door status, used with CX-33, CX-EMF-2, and other controllers.*

| MODELS |   |
|--------|---|
| CX-MDA | SPST surface magnetic contact, white, 15/16" (23mm) gap |
| CX-MDC | SPDT surface magnetic contact, white, 1" (25mm) gap     |
| CX-MDH | SPST recessed magnetic contact, 1-1/16" (27mm) gap      |



CX-MDA



CX-MDC



CX-MDH

### Specifications

|                  |  |
|------------------|--|
| Contact Ratings: | 0.5A @ 30 VDC  |
| Loop:            | Closed   |
| CX-MDA:          | Gap: 15/16" (23mm)<br>Contacts: Form A, Normally Open<br>Connection: Screw Terminals             |
| CX-MDC:          | Gap: 1" (25mm)<br>Contacts: Form C<br>Connection: Screw Terminals                                |
| CX-MDH:          | Gap: 1-1/16" (27mm)<br>Contacts: Form A, Normally Open<br>Connection: 12" (305mm)<br>2 AWG Leads |

### CX-IRB: ISOLATION RELAY

*CX-IRB Isolation Relay Module provides a compact and economical solution for isolating devices from electrical noise and induced voltages. This door control relay is designed to provide the best performance and value in the industry.*

#### Features

- Ultra compact design fits anywhere, including automatic door operator or Power Supply Cabinets
- Selectable 12/24V DC
- Low power consumption
- Heavy duty double pole, double throw (DPDT) 8 Amp relay contacts
- LED provides relay activation status
- 3 year warranty

#### MODELS

|          |   |
|----------|---|
| CX-IRB   | CX-IRB Isolation Relay Module, 12/24 VDC        |
| CX-IRB-6 | Isolation Relay Module, Package of 6, 12/24 VDC |



#### Specifications

|                 |  |
|-----------------|--|
| Voltage:        | 12/24 VDC  |
| Current Draw:   | 240mA @ 12/24 VDC                                    |
| Contact Rating: | 8A @ 30 VDC / 120 VAC                                |
| Contact Type:   | DPDT   |
| Status:         | Red LED (Activated when on)                          |
| Temperature:    | -40°F to 158°F (-40°C to 70°C)                       |
| Dimensions:     | 2-3/4" H x 1-1/2" W x 3/4" D<br>(70mm x 38mm x 20mm) |

### CX-12 PLUS: DOOR INTERFACE RELAY

*CX-12 PLUS Door Interface Relay is an economical solution for interconnecting automatic doors with access control, fire alarm and time systems. It controls two automatic doors in vestibule applications as well as control of automatic doors in basic restroom control applications.*

#### Features

- Designed for easy interconnection of automatic doors with access control, time control, telephone entry and fire alarm systems
- Bi-directional sequencing of two door operators in vestibule applications
- New 'PLUS' feature supports basic restroom control (locked & unlocked)
- 8 Programming modes with (3) adjustable time delays, each up to 30 seconds
- (2) Dry, (2) Wet inputs, and (2) SPDT form 'C' outputs
- Momentary, maintained and latching (ratchet or alternative action) relay operation
- Compact design fits anywhere

#### MODEL

|           |                      |
|-----------|----------------------|
| CX-12PLUS | Door Interface Relay |
|-----------|----------------------|



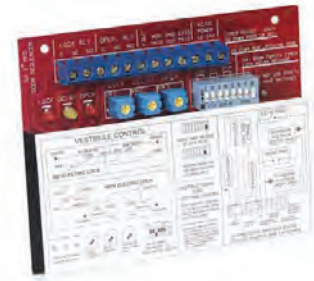
#### Specifications

|                  |   |
|------------------|---|
| Voltage:         | 12/24V AC/DC  |
| Current Draw:    | 20mA Idle, 60 mA Operating  |
| Response Time:   | 0.3 Seconds   |
| Input:           | 2 Wet + 2 Dry, N/O  |
| Output:          | 2 x Form 'C' (SPDT)   |
| Contact Rating:  | 3A @ 30 VDC   |
| Electrical Life: | 100,000 Operations @ Rated Capacity   |
| Modes:           | 8   |
| Time Delay:      | D.O.R. #1: 1-30 Seconds<br>D.O.O. #2: 1-30 Seconds<br>D.O.R. #3: 1-30 Seconds |
| Dimensions:      | 2-5/16"H x 3-1/4" W x 11/16"D<br>(58mm x 83mm x 18mm)                         |

## CX-SA1: DOOR SEQUENCER

The economical **CX-SA1** features a momentary or extended trigger, 2 relays and 3 timers. It properly sequences an operator and any electric lock or two doors that form a vestibule, becoming a latching relay with the flick of a switch.

**Applications:** Ideal for automatic doors systems that require a make/break relay, uni-directional door sequencing, or that require both momentary and maintained inputs. Provides latching output for connection to fire alarm (smoke EVAC) systems.



### Features

- Sequence and release
- Sequence and hold while voltage applied
- Triggers for sequencing and hold open applications
- Dry contact and/or hot trigger input on either trigger
- 2 relays for controlling external equipment
- Stuck momentary trigger leaves extended trigger functioning
- Noise filtering on triggers to prevent false activations
- Visible indicators for timers and relay status
- Sequence and hold until next trigger
- 3 year warranty

### MODEL

|        |                   |
|--------|-------------------|
| CX-SA1 | Switching Network |
|--------|-------------------|

### Specifications

|                  |   |
|------------------|---|
| Voltage:         | 12 to 24V AC/DC   |
| Current Draw:    | 18mA Idle, 63mA, Operating @ 24V  |
| Response Time:   | .3 Seconds  |
| Input:           | 2 x N/O Wet or Dry Contacts   |
| Operation:       | One Shot, Maintained, or Latching   |
| Output:          | 2 x Form 'C' (SPDT)   |
| Contact Rating:  | 2A @ 24 VDC   |
| Electrical Life: | 100,000 Operations @ Rated Capacity   |
| Time Delay:      | D.O.R. #1: 0.5-30 Seconds<br>D.O.O. #2: 0.5-30 Seconds<br>D.O.R. #2: 0.5-30 Seconds |
| Dimensions:      | 3-1/2"H x 4"W x 2/3"D<br>(89mm x 102mm x 19mm)                                      |

# Camden IS Door Controls

Camden is the professional's choice for advanced door control!

From a basic interface for a telephone entry system, to advanced multi-door mantrap, and everything in between, Camden offers the right solution at the right price – backed by the best warranty in the industry.



**CX-12 PLUS**  
Door Interface Relay  
Page 24



**CX-33**  
Advanced Logic Relay  
Page 22







**CX-EMF-2**  
Multi-Function Relay  
Page 23



**CX-33PS**  
Control Relay & 2 Amp  
Power Supply Cabinet  
Page 22

### RELAY CONTROL SELECTION CHART

| DESCRIPTION   |  CX-33 |  CX-EMF-2 |  CX-12PLUS |  CX-SA1 | NOTES   |
|---|---|--|---|--|---|
| MODES   |   |  |   |  |   |
| No. of Applications / Modes                                       | 15  | 7  | 8   | 2  |   |
| Make/Break relay (switching network)                              | Yes   | No   | Yes   | Yes  | Most common application   |
| Apartment/Condo Interfone connection                              | Yes   | No   | Yes   | No   | Eliminates need for separate isolating relay                      |
| Bi-directional door sequencer                                     | Yes   | Yes  | Yes   | No   | Control of 2 doors  |
| Restroom applications (#)<br>(dedicated output for signage)       | Yes (*2)  | Yes (3*)   | Yes (*2)  | No   | *Includes both normally unlocked and locked washroom applications |
| Latching relay modes  | Yes   | Yes  | Yes   | Yes  | A.K.A - Impulse, sequence, or alternate action                    |
| ATM Vestibule control   | No  | Yes  | No  | No   | Exterior door control on banks, etc.                              |
| Dedicated Airlock modes<br>(# of doors)                           | Yes (2)   | Yes (5)  | No  | No   | Prevents more than 1 door open at a time                          |
| 2 Door Mantrap  | No  | Yes  | No  | No   | True security mantrap   |
| <b>New!</b> Lock-Down Mode  | Yes   | No   | No  | No   | Applications include schools                                      |
| <b>New!</b> Delayed Egress mode                                   | Yes   | No   | No  | No   | For warehouse rear emergency exits                                |
| SPECIFICATIONS  |   |  |   |  |   |
| No. of Adjustable Time Delays (Type)                              | 6 (digital)   | 5 (analog)   | 3 (analog)  | 3 (analog)   | Digital ensures greater accuracy. Larger number of timers.        |
| Adjustable delay-on-activate feature                              | Yes   | No   | No  | No   | Also called a "nuisance delay"                                    |
| Quantity and Type of Inputs                                       | 5 (1 Wet, & 4 Dry)  | 8 (7 Dry, & 1 Digital)   | 4 (2 Wet, & 2 Dry)  | 3 (1 Wet, & 2 Dry)   | Larger number of inputs   |
| User Selectable N/O or N/C Inputs                                 | Yes   | No   | No  | No   | Camden exclusive feature  |
| Simultaneous selectable momentary, maintained and latching inputs | Yes   | Yes  | No  | Yes  | Allows for most flexibility                                       |
| Number of outputs and Relay rating                                | 3 Form 'C' @ 3 Amps each  | 5 Form 'C' @ 3 Amps each   | 2 Form 'C' @ 3 Amps each  | 2 Form 'C' @ 2 Amps each   | Capable of switching larger loads such as magnetic locks          |
| 12 – 24 V AC/DC Input Power                                       | Yes   | Yes  | Yes   | Yes  | Very stable, forgiving and reliable                               |
| Case / Protection   | Clear Plastic   | Grey Plastic   | Paper Wrap  | Paper Wrap   |   |
| Dimensions  | 6" x 2" x 7/8"  | 6-7/8" x 2-7/8" x 7/8"   | 3-1/4" x 2-1/4" x 5/8"  | 4-1/8" x 3-1/2" x 5/8"   |   |



### CX-1000/74: MICROMINDER

The ultra compact and affordable CX-1000/74 is a flexible and easy to operate 'delay on release' timer. The delay time is adjustable from 1 to 30 seconds with a simple potentiometer.

**Applications:** Ideal for control of automatic door operators or de-energizing electrified locks such as a strike or magnetic lock.



#### Specifications

|                  |   |
|------------------|---|
| Voltage:         | 12/24V AC/DC  |
| Current Draw:    | 20mA idle / 33mA Operating                          |
| Response Time:   | .03 Seconds   |
| Input:           | N/O dry contact   Output: Form 'C' (SPDT)           |
| Contact Rating:  | 3A @ 24 VDC   |
| Electrical Life: | 100,000 @ Rated Capacity                            |
| Time Delay:      | 1 - 30 Seconds                                      |
| Dimensions:      | 2-1/4" H x 1-1/4"W x 3/4" D<br>(57mm x 32mm x 19mm) |
| Mounting:        | Double Sided Foam Tape                              |
| Enclosure:       | Black Styrene Plastic                               |

| Features   |   |
|--|---|
| <ul style="list-style-type: none"> <li>• Ultra compact design</li> <li>• 12/24V AC/DC</li> <li>• Adjustable delay from 1-30 seconds</li> </ul> | <ul style="list-style-type: none"> <li>• Color coded leads &amp; plastic case</li> <li>• 3 year warranty</li> </ul> |

| MODEL      |             |
|------------|-------------|
| CX-1000/74 | MicroMinder |

### CX-1000/77: MAXIMINDER™

CX-1000/77 MaxiMinder™ is a high precision extended timer for adjustable time control from 1 second to 4 hours. Programming is easy with dip-switch settings and selectable for fail safe or fail secure operation.

**Applications:** Ideal for extended timing functions, such as sauna, hot tub or control of electrified locks where more than 30 seconds is demanded but the application does not require the use of a 7 day programmable timer.



#### Specifications

|                  |   |
|------------------|---|
| Voltage:         | 12/24 VDC                                 |
| Current Draw:    | 12mA Idle, 60mA Operating                 |
| Response Time:   | .03 Seconds                               |
| Input:           | N/O Dry Contact                           |
| Output:          | 2 x Form 'C' (DPDT)                       |
| Contact Rating:  | 5A @ 24 VDC                               |
| Electrical Life: | 100,000 @ Rated Capacity                  |
| Time Delay:      | 1 Second to 4 Hours                       |
| Dimensions:      | 2"H x 3"W x 3/4"D<br>(51mm x 76mm x 19mm) |
| Mounting:        | Double Sided Foam Tape                    |

| Features  |  |
|---|--|
| <ul style="list-style-type: none"> <li>• Adjustable delay from 1 second - 4 hours</li> <li>• Dipswitch programming for accuracy</li> <li>• Normal/fail safe output</li> </ul> | <ul style="list-style-type: none"> <li>• SPDT contacts with LED</li> <li>• 12-24 VDC</li> <li>• DPDT contacts rated 5 Amps @ 24 VDC</li> </ul> |

| MODEL      |             |
|------------|-------------|
| CX-1000/77 | MaxiMinder™ |



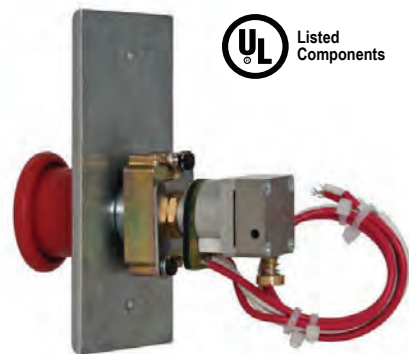
# ADJUSTABLE TIME DELAYS

## DOOR CONTROL

### CX-1085M: PNEUMATIC TIME DELAY

Built tough for any indoor or outdoor application, **CX-1085M** pneumatic time delay switches provide mechanical control with easy 'thumb screw' time adjustment of 1 to 60 seconds. Pneumatic time delays are available for use with most Camden 'request to exit' push buttons.

**Applications:** As part of a push button (sold separately), these switches are ideal where fire/building codes mandate a non-electrical (mechanical) means of breaking power to the locking device.



**CX-1085M**  
(Push button sold separately)

#### Features

- 1 to 60 second timer
- May be ordered separately, or factory installed on select exit buttons
- DPST contacts rated 5 Amp @ 30 VDC
- To view Exit buttons with pneumatic timers, see CM-4000, 5000, 7000 and 8000 series (pages 48 - 52)

#### MODEL

|          |   |
|----------|---|
| CX-1085M | Pneumatic timer for push buttons. Switch option for CM-4085, CM-4185, CM-5085, CM-7085, CM-7185, CM-8085 and CM-8185 push buttons |
|----------|---|

#### Specifications

|                  |   |
|------------------|---|
| Operating Force: | 8 oz Max  |
| Contact Rating:  | 5A @ 30 VDC                                     |
| Time Delay:      | 1 - 60 Seconds +/-15%                           |
| Temp Range:      | 15°F to 120°F (-9°C to 49°C)                    |
| Endurance:       | 1,000,000 Operations                            |
| Dimensions:      | 1"H x 1-3/8"W x 2-1/4"D<br>(25mm x 35mm x 57mm) |

### CX-247 SERIES: 7 DAY TIMER

**CX-247** is an affordable, compact and easy to program 7 day electronic timer designed for a wide range of control applications. The unit supports up to 16 'on/off' scheduled times per day and is available in 12 or 24 V models.

**Applications:** Ideal for automatic enable/disable of door activation devices, lighting control, energy management and other general control applications.



#### Features

- 15 daily or weekly schedules
- 16 'ON' & 'OFF' events
- Internal memory back-up
- H models feature 'first man in' function (holiday/snow day)
- Easy to program/setup
- Extremely compact size
- 12V AC/DC and 24V AC/DC models
- SPDT contacts rated 16 Amps @ 30 VDC

#### MODELS

|            |  |
|------------|--|
| CX-247-12  | 7 day timer - 12V                            |
| CX-247-24  | 7 day timer - 24V                            |
| CX-247H-12 | 7 day timer with first-man-in function - 12V |
| CX-247H-24 | 7 day timer with first-man-in function - 24V |

#### Specifications

|                  |   |
|------------------|---|
| Voltage:         | 12V AC/DC or 24V AC/DC                              |
| Current Draw:    | 0.1mA Idle, 10mA Operating                          |
| Response Time:   | 0.3 Seconds   |
| Backup:          | Internal Permacell                                  |
| Programs:        | 16  |
| Output:          | Form 'C' (SPDT)                                     |
| Contact Rating:  | 16A @ 30 VDC  |
| Electrical Life: | 250,000 Operations @ Rated Capacity                 |
| Dimensions:      | 2-3/8"H x 2-3/8"W x 1-1/4"D<br>(60mm x 60mm x 32mm) |



## DOOR CONTROL

## CX-DA SERIES: DOOR PROP ALARMS

Door alarms feature a rugged design with heavy duty stainless steel faceplates, and provide an easy to implement solution to the common issue of doors being used, propped or held open without alerting facility or security staff.

## Features

- Local audible alarm of door open status
- Heavy duty stainless steel faceplate
- Single and double gang mounting
- CX-DA100 single gang sounder ideal for a wide range of alarm applications
- CX-DA200 and CX-DA300 feature adjustable 0 - 60 second alarm time delay and relay output
- CX-DA300 double gang door alarm features key switch for local reset or bypass

## MODELS

|          |  |
|----------|--|
| CX-DA100 | Door alarm, sounder, single gang, 3-24 VDC                       |
| CX-DA200 | Door alarm, with relay, single gang, 12/24V, AC/DC               |
| CX-DA300 | Door alarm, with relay and reset key, double gang, 12/24V, AC/DC |



CX-DA100

CX-DA200

## Specifications

|                 |   |
|-----------------|---|
| Voltage:        | <b>CX-DA100:</b> 12 - 24 VDC<br><b>CX-DA200/300:</b> 12/24V AC/DC   |
| Current Draw:   | <b>CX-DA100:</b> 18mA<br><b>CX-DA200/300:</b> 70mA  |
| Input:          | <b>CX-DA200/300:</b> (1) N/C  |
| Output:         | <b>CX-DA200/300:</b> (1) N/C SPST   |
| Contact Rating: | <b>CX-DA200/300:</b> 500mA @ 30 VDC   |
| Sounder:        | <b>CX-DA100:</b> 95 db.<br><b>CX-DA200/300:</b> 80 db.  |
| Dimensions:     | <b>CX-DA100/200:</b><br>4-5/8"H x 2-3/4"W x 1-1/2"D<br>(117mm x 70mm x 38mm)<br><b>CX-DA300:</b><br>4-1/2"H x 4-1/2"W x 1-1/2"D<br>(114mm x 114mm x 38mm) |

## CX-DA SERIES: DOOR MONITOR ALARMS

**CX-DA400** double gang door monitor alarm features a rugged stainless steel faceplate, 4 inputs, 5 outputs and has a range of adjustable time delay functions.

It is designed to complement any access control system by providing prop/door held open and intrusion or door forced open detection, as well as local alarm and reset.



## Features

- Stand alone operation or interface with access control system
- Heavy duty stainless steel faceplate
- Adjustable alarm timing and alarm delay
- Reset/bypass key switch and remote input
- Selectable 'high' or 'low' level sounder
- Visual status indicator
- Functions include shunt recycle, shunt delay, door supervision and intrusion detection
- 12/24V AC/DC

## MODELS

|          |  |
|----------|--|
| CX-DA400 | Door alarm, with relays, timers, reset key, double gang, 12/24V AC/DC            |
| CX-DA401 | Door alarm, with relays, timers, reset key and tamper, double gang, 12/24V AC/DC |

## Specifications

|                 |  |
|-----------------|--|
| Voltage:        | 12/24V AC/DC   |
| Current Draw:   | 250 mA   |
| Input:          | N/O or N/C Alarm Shunt<br>N/C Door Contact<br>N/O Remote Reset/Bypass<br>Voltage Sense Shunt   |
| Output:         | N/O & N/C Door Contact Status<br>N/O & N/C Door Prop Alarm Status<br>N/O & N/C Intrusion/Tamper Alarm Status<br>N/O & N/C Bypass/Key switch Status<br>Remote LED |
| Contact Rating: | Form 'C', 1 Amp  |
| Time Delay:     | Auto Reset 0 sec. - 5 min. /<br>Manual Alarm Delay 0 sec. - 5 min. /<br>Infinite Silent Time 0 sec. - 90 min.  |
| Sounder:        | High - 103 dB @ 3 ft.<br>Low - 96 dB @ 3 ft.   |
| Dimensions:     | 4-1/2"H x 4-1/2"W x 2-1/2"D<br>(114mm x 114mm x 64mm)  |

### CX-LED: SINGLE GANG LED PLATES

*CX-LED Series single gang plates announce condition status of restrooms, meeting rooms or other monitored applications. Models offer heavy gauge brushed stainless steel faceplates, with the option for 1 or 2 LEDs (1/2", 12.7mm), and a range of laser etched graphics.*

#### Features

- Stock LED annunciator plates for a range of applications
- Single gang, heavy gauge, stainless steel faceplates
- Laser etched text cannot be scratched / worn off
- Bright LEDs with long life
- Custom text/graphics available
- Other faceplate options available

#### MODELS

|         |                                       |
|---------|---------------------------------------|
| CX-LED1 | Single gang, 1 LED, blank, 12/24 VDC  |
| CX-LED2 | Single gang, 2 LEDs, blank, 12/24 VDC |

#### LED Options (if not specified, 'RED' will be supplied)

|          |  |
|----------|--|
| CX-xxxR  | Add suffix ' <b>R</b> ' to model number for red LED                      |
| CX-xxxG  | Add suffix ' <b>G</b> ' to model number for green LED                    |
| CX-xxxRG | Add suffix ' <b>RG</b> ' to model number for (1) red LED & (1) green LED |



CX-LED1/50











CX-LED2

#### Specifications

|               |   |
|---------------|---|
| Voltage:      | 12/24 VDC   |
| Current Draw: | 7mA @ 12V, 17mA @ 24V (each LED)                    |
| Dimensions:   | 4-1/2"H x 2-3/4"W x 1-1/2"D (114mm x 70mm x 38.1mm) |

#### Faceplate Graphic Options (Add suffix to model above)

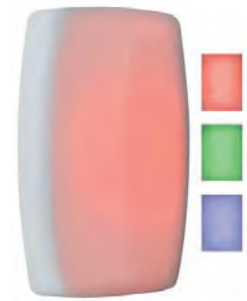
| CX-LED1   |   |   |   |   | CX-LED2   |   |   |
|---|---|---|---|---|---|---|---|
|  |  |  |  |  |  |  |  |
| CX-xx/50  | CX-xx/51  | CX-xx/52  | CX-xx/53  | CX-xx/54  | CX-xx/55  | CX-xx/56  | CX-xx/57  |



## CM-AF140SO SERIES: LED DOME LIGHTS

**CM-AF140 Series** single gang LED dome lights provide critical messaging to building occupants. The unit is designed to provide a highly attractive and unobtrusive appearance in any application, while also meeting Ontario building code requirements for emergency notification appliances in universal restrooms. The dome has 'Assistance Required' text, in red. French and bilingual language text available. Custom dome light lens text available on request.

**CM-AF142SO** single gang multi-color dome light with continuous or flashing LED illumination and sounder is designed to support a wide range of applications, including restroom control, nurse call, room occupancy and door alarm.



CM-AF142SO

### Features

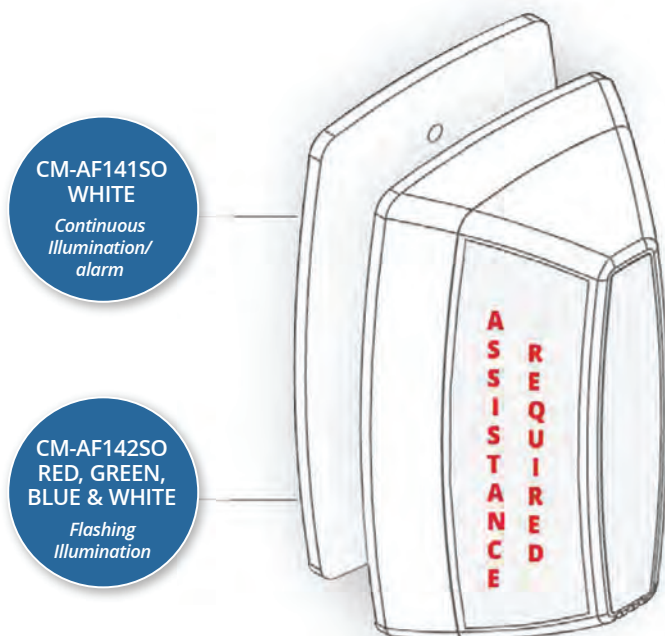
- Compact elegant one gang design
- Impact resistant polycarbonate
- Weather resistant, rubber gasket included
- 'Assistance Required' text, French and bilingual available
- Adjustable 93 dB sounder
- 'Super bright' LEDs for high visibility, even in daylight
- Low current draw
- White or Red, Green or Blue illumination
- Dress plate to cover poor electrical box cut-outs included
- 3 year warranty

### Specifications

|               |   |
|---------------|---|
| Mounting:     | In-wall single gang electrical box, trim ring included in parts kit |
| Voltage:      | 12/24V AC/DC  |
| Current Draw: | CM-AF141SO:<br>40 - 70mA  |
|               | CM-AF142SO:<br>70mA max 1 color<br>130mA max multi-color            |
| Temp Range:   | 32°F - 176°F (0°C - 80°C)   |
| Finish:       | White   |
| Sounder:      | Adjustable, 93dB @ 3 Ft.<br>(1 meter) max.                          |
| Dimensions:   | 4-1/2"H x 3"W x 2"D<br>(114mm x 76.2mm x 51mm)                      |

### MODELS

|            |  |
|------------|--|
| CM-AF141SO | Single Gang LED Dome Light, White illumination, with Sounder.<br>Add suffix 'F' for French and 'FE' for bilingual  |
| CM-AF142SO | Single Gang LED Dome Light, selectable Red/Green/Blue/White, with Sounder.<br>Selectable Continuous or Flashing. Add suffix 'F' for French and 'FE' for bilingual. |



◀ Adjustable 93db sounder

◀ Trim ring to cover large hole cut out included

◀ Outdoor weather resistant (Gasket included)

◀ Vandal resistant

◀ Bright LED Illumination, never needs replacing

### CM-AF500 SERIES: LED ANNUNCIATORS

*CM-AF500 Series illuminated annunciators are designed to provide critical messages to building occupants. When not illuminated, the sign (text and/or graphics) is invisible. When illuminated, the text/graphics are highly visible - even in bright daylight. Weatherproof and vandal resistant.*

#### Features

- CM-AF500: (6) message insert labels included, English, French and Bilingual
- CM-AF503: Horizontal, curved, with (6) message labels
- CM-AF501SO: Adjustable 85dB sounder
- CM-AF540SO: 'Assistance Required' label, with sounder
- 'Super bright' LEDs for high visibility, even in daylight
- Text/graphics are not legible when not illuminated
- Vandal and weather resistant construction
- 3 year warranty

#### MODELS

|            |  |
|------------|--|
| CM-AF500   | Single Gang LED Illuminated Annunciator. Labels included: 'Occupied When Lit', 'Locked When Lit' (Green), 'Occupied/Occupé' (Red & Green), 'Armed' (Red) & 'Unlocked' (Green)                    |
| CM-AF503   | Single gang, horizontal, LED illuminated annunciator, curved profile designed for use with Column™ switches. With (6) English, French, and Bilingual message labels                              |
| CM-AF501SO | Single gang LED annunciator with adjustable sounder, 'Assistance Requested'. Add suffix 'F' for French, suffix 'FE' for bilingual  |
| CM-AF540SO | Double gang, push/pull mushroom push button, red, 'Assistance Required', with LED annunciator and adjustable sounder, 'Assistance Requested'. Add suffix 'F' to model number for French language |
| CM-AF550R  | Double gang, mushroom push button, red, 'Push to Lock', with LED annunciator, Add suffix 'F' to model number for French language   |

#### Specifications

|               |  |
|---------------|--|
| Voltage:      | 12/30V AC/DC   |
| Current Draw: | <b>CM-AF500/AF550R:</b><br>30 – 50mA<br><b>CM-AF501SO/AF540SO:</b><br>30 – 75mA  |
| Temp Range:   | 32°F - 176°F (0°C - 80°C)  |
| Construction: | 18 gauge stainless steel faceplate   |
| Sounder:      | <b>CM-AF501SO/CM-AF540SO:</b><br>Adjustable, 85dB @ 3-15/16" (100mm) max.  |
| Push Button:  | <b>CM-AF540SO:</b> Maintained (Push/Pull), N/O & N/C, 6A @ 30 VDC<br><b>CM-AF550R:</b> Momentary (Spring Action) N/O, 6A @ 30 VDC  |
| Std. Finish:  | US 32/C32D   |
| Dimensions:   | <b>CM-AF500/CM-AF501SO:</b><br>4-1/2"H x 2-3/4"W x 9/16"D (114mm x 70mm x 15mm)<br><b>CM-AF503:</b><br>3"H x 5-1/8"W x 9/16"D (76mm x 127mm x 15mm)<br><b>CM-AF540SO/CM-AF550R:</b><br>4-1/2"H x 4-1/2"W x 9/16"D (114mm x 114mm x 15mm) |



CM-AF500



CM-AF501SO



CM-AF503



CM-AF540SO

# 2nd Generation Systems With More Exclusive Features!

Barrier Free Control & Emergency Call Systems for Universal Restrooms



EXCLUSIVE  
FEATURES



► *Barrier Free control,  
activation, locking,  
annunciation  
and signage.*



COMPLETE SYSTEM  
SOLUTIONS

► *Emergency Call  
Systems with  
audible and visual  
annunciation.*



Camden 2nd generation restroom control and emergency call systems offers an incredible range of exclusive English, French and Bilingual products:

- **Aura™ Illuminated Push Plate Switches**  
Color changes on door lock status.  
Surface and flush mounting.
- **CX-33 and CX-EMF2 Relay Controllers**  
One controller for all activation, annunciation and locking. Systems for 1 or 2 restroom entry doors.
- **SureWave™ Series Touchless Switches**  
Camden offers a complete restroom solution using touchless switches.
- **CM-AF500 Series LED Annunciators**  
The only single and double gang LED annunciators with adjustable sound volume.
- **CM-AF141SO LED Dome Light**  
Vandal and weather resistant design with adjustable sound volume.
- **CX-LRS Latching Relay Kits**  
Only Camden offers the option for maintained or momentary 'assistance' switches, with push button or key switch reset.

Our restroom control systems are specifically designed to meet the latest requirements of the Ontario Building code! In addition to product, Camden also offers complete project support.



# RESTROOM CONTROL KITS

## DOOR CONTROL

### CX-WC: BARRIER FREE RESTROOM CONTROL KITS

Industry-leading range of packages designed specifically for the control of automatic doors in restroom applications. Restroom kits are now available with a power supply and electric strike, providing a complete solution.

Also featuring a number of innovative and exclusive products including **CM-AF500** single gang annunciator, **Aura™** illuminated push plate switches, a pre-wired **CX-33PS** advanced logic relay and **power supply cabinet**, plus a 'universal' ANSI **electric strike**. Our revolutionary 'wave to lock' touchless switches deliver added value and performance technology that's only offered at Camden.



CX-WC10



CX-WC11



CX-WC11ASM-PS



CX-WC11AFM-PS



CX-WC13AXSM

| MODELS        |   |
|---------------|---|
| CX-WC10       | <b>BASIC PUSH BUTTON SYSTEM</b><br>(1) <b>CX-33</b> Advanced Logic Relay<br>(1) <b>CM-400R/8</b> Single gang, N/O contacts; Red button; 'PUSH TO LOCK', Black text<br>(1) <b>CX-MDA</b> Magnetic contact, surface, SPST, white<br>Add suffix 'F' for French and 'FE' for bilingual  |
|               | <b>BASIC PUSH BUTTON &amp; ANNUNCIATOR SYSTEM</b><br>(1) <b>CX-33</b> Advanced Logic Relay<br>(1) <b>CM-400R/8</b> Single gang, N/O contacts; Red button; 'PUSH TO LOCK', Black text<br>(1) <b>CM-AF500</b> Single gang LED illuminated annunciator<br>(1) <b>CX-MDA</b> Magnetic contact, surface, SPST, white<br>Add suffix 'F' for French and 'FE' for bilingual   |
| CX-WC11       | <b>BASIC PUSH BUTTON &amp; ANNUNCIATOR SYSTEM</b><br>(1) <b>CX-33</b> Advanced Logic Relay<br>(1) <b>CM-400R/8</b> Single gang, N/O contacts; Red button; 'PUSH TO LOCK', Black text<br>(1) <b>CM-AF500</b> Single gang LED illuminated annunciator<br>(1) <b>CX-MDA</b> Magnetic contact, surface, SPST, white<br>Add suffix 'F' for French and 'FE' for bilingual   |
|               | <b>SURFACE MOUNT PUSH BUTTON &amp; ANNUNCIATOR SYSTEM</b><br>(1) <b>CX-33PS</b> Advanced Logic Relay, 2 Amp Power Supply, Cabinet and Transformer<br>(2) <b>CM-45/4</b> Push plate switches with wheelchair and 'PUSH TO OPEN', Blue text<br>(2) <b>CM-43LP</b> Surface square mounting boxes<br>(1) <b>CM-400R/8</b> Single gang, N/O contacts; Red button; 'PUSH TO LOCK', Black text<br>(1) <b>CM-AF500</b> Single gang LED illuminated annunciator<br>(2) <b>CM-34BL</b> Single gang surface boxes<br>(1) <b>CX-ED2079</b> Grade 2 ANSI electric strike with 3 faceplates<br>(1) <b>CX-MDA</b> Magnetic contact, surface, SPST, white<br>Add suffix 'F' for French and 'FE' for bilingual |
| CX-WC11ASM-PS | <b>SURFACE MOUNT PUSH BUTTON &amp; ANNUNCIATOR SYSTEM</b><br>(1) <b>CX-33PS</b> Advanced Logic Relay, 2 Amp Power Supply, Cabinet and Transformer<br>(2) <b>CM-45/4</b> Push plate switches with wheelchair and 'PUSH TO OPEN', Blue text<br>(1) <b>CM-400R/8</b> Single gang, N/O contacts; Red button; 'PUSH TO LOCK', Black text<br>(1) <b>CM-AF500</b> Single gang LED illuminated annunciator<br>(1) <b>CX-ED2079</b> Grade 2 ANSI electric strike with 3 faceplates<br>(1) <b>CX-MDA</b> Magnetic contact, surface, SPST, white<br>Add suffix 'F' for French and 'FE' for bilingual   |
|               | <b>FLUSH MOUNT PUSH BUTTON &amp; ANNUNCIATOR SYSTEM</b><br>(1) <b>CX-33PS</b> Advanced Logic Relay, 2 Amp Power Supply, Cabinet and Transformer<br>(2) <b>CM-45/4</b> Push plate switches with wheelchair and 'PUSH TO OPEN', Blue text<br>(1) <b>CM-400R/8</b> Single gang, N/O contacts; Red button; 'PUSH TO LOCK', Black text<br>(1) <b>CM-AF500</b> Single gang LED illuminated annunciator<br>(1) <b>CX-ED2079</b> Grade 2 ANSI electric strike with 3 faceplates<br>(1) <b>CX-MDA</b> Magnetic contact, surface, SPST, white<br>Add suffix 'F' for French and 'FE' for bilingual   |
| CX-WC11AFM-PS | <b>FLUSH MOUNT PUSH BUTTON &amp; ANNUNCIATOR SYSTEM</b><br>(1) <b>CX-33PS</b> Advanced Logic Relay, 2 Amp Power Supply, Cabinet and Transformer<br>(2) <b>CM-45/4</b> Push plate switches with wheelchair and 'PUSH TO OPEN', Blue text<br>(1) <b>CM-400R/8</b> Single gang, N/O contacts; Red button; 'PUSH TO LOCK', Black text<br>(1) <b>CM-AF500</b> Single gang LED illuminated annunciator<br>(1) <b>CX-ED2079</b> Grade 2 ANSI electric strike with 3 faceplates<br>(1) <b>CX-MDA</b> Magnetic contact, surface, SPST, white<br>Add suffix 'F' for French and 'FE' for bilingual   |
|               | <b>SURFACE MOUNT COMBO ILLUMINATED PUSH PLATE SYSTEM</b><br>(1) <b>CX-33</b> Advanced Logic Relay<br>(1) <b>CM-2520/4854SE1</b> Combo switch, 2" x 4" narrow 'PUSH TO OPEN' & 'PUSH TO LOCK', Surface mount AURA™ illuminated enclosure and sign<br>(1) <b>CM-45/454SE1</b> 4-1/2" Push plate switch, wheelchair & 'PUSH TO OPEN' with Surface mount AURA™ illuminated enclosure and sign<br>(1) <b>CX-MDA</b> Magnetic contact, surface, SPST, white<br>Add suffix 'F' for French and 'FE' for bilingual   |
| CX-WC13AXSM   | <b>SURFACE MOUNT COMBO ILLUMINATED PUSH PLATE SYSTEM</b><br>(1) <b>CX-33</b> Advanced Logic Relay<br>(1) <b>CM-2520/4854SE1</b> Combo switch, 2" x 4" narrow 'PUSH TO OPEN' & 'PUSH TO LOCK', Surface mount AURA™ illuminated enclosure and sign<br>(1) <b>CM-45/454SE1</b> 4-1/2" Push plate switch, wheelchair & 'PUSH TO OPEN' with Surface mount AURA™ illuminated enclosure and sign<br>(1) <b>CX-MDA</b> Magnetic contact, surface, SPST, white<br>Add suffix 'F' for French and 'FE' for bilingual   |
|               | <b>SURFACE MOUNT COMBO ILLUMINATED PUSH PLATE SYSTEM</b><br>(1) <b>CX-33</b> Advanced Logic Relay<br>(1) <b>CM-2520/4854SE1</b> Combo switch, 2" x 4" narrow 'PUSH TO OPEN' & 'PUSH TO LOCK', Surface mount AURA™ illuminated enclosure and sign<br>(1) <b>CM-45/454SE1</b> 4-1/2" Push plate switch, wheelchair & 'PUSH TO OPEN' with Surface mount AURA™ illuminated enclosure and sign<br>(1) <b>CX-MDA</b> Magnetic contact, surface, SPST, white<br>Add suffix 'F' for French and 'FE' for bilingual   |



## DOOR CONTROL



## CX-WC: BARRIER FREE RESTROOM CONTROL KITS

| MODELS         |   |
|----------------|---|
| CX-WC13AXFM    | <b>FLUSH MOUNT COMBO ILLUMINATED PUSH PLATE SYSTEM</b><br>(1) <b>CX-33</b> Advanced Logic Relay<br>(1) <b>CM-2520/4854SE1</b> Combo switch, 2" x 4" narrow 'PUSH TO OPEN' & 'PUSH TO LOCK', Flush mount AURA™ illuminated enclosure and sign<br>(1) <b>CM-45/454SE1</b> 4-1/2" Square (concealed screws) push plate, with sounder, illuminated RED/GREEN/BLUE flush mount CM-55i box; Double sided. 'DOOR LOCKED WHEN 'RED' / 'UNLOCKED WHEN GREEN' AND 'OCCUPIED WHEN RED' / 'VACANT WHEN GREEN'; 'WHEELCHAIR' symbol and 'PUSH TO OPEN', blue<br>(1) <b>CX-MDA</b> Magnetic contact, surface, SPST, white<br>Add suffix 'F' for French and 'FE' for bilingual |
|                | <b>SURFACE MOUNT COMBO ILLUMINATED PUSH PLATE SYSTEM</b><br>(1) <b>CX-33PS</b> Advanced Logic Relay, 2 Amp Power Supply, Cabinet and Transformer<br>(1) <b>CM-2520/4854SE1</b> Combo switch, 2" x 4" narrow 'PUSH TO OPEN' & 'PUSH TO LOCK', Surface mount AURA™ illuminated enclosure and sign<br>(1) <b>CM-45/454SE1</b> 4-1/2" Push plate switch, wheelchair & 'PUSH TO OPEN' with Surface mount AURA™ illuminated enclosure and sign<br>(1) <b>CX-ED2079</b> Grade 2 ANSI electric strike with 3 faceplates<br>(1) <b>CX-MDA</b> Magnetic contact, surface, SPST, white<br>Add suffix 'F' for French and 'FE' for bilingual                                 |
| CX-WC13AXSM-PS | <b>FLUSH MOUNT COMBO ILLUMINATED PUSH PLATE SYSTEM</b><br>(1) <b>CX-33PS</b> Advanced Logic Relay, 2 Amp Power Supply, Cabinet and Transformer<br>(1) <b>CM-2520/4855SE1</b> Combo switch, 2" x 4" narrow 'PUSH TO OPEN' & 'PUSH TO LOCK', Flush mount AURA™ illuminated enclosure and sign<br>(1) <b>CM-45/455SE1</b> 4-1/2" Push plate switch, wheelchair & 'PUSH TO OPEN' with Flush mount AURA™ illuminated enclosure and sign<br>(1) <b>CX-ED2079</b> Grade 2 ANSI electric strike with 3 faceplates<br>(1) <b>CX-MDA</b> Magnetic contact, surface, SPST, white<br>Add suffix 'F' for French and 'FE' for bilingual                                       |
|                | <b>SURFACE MOUNT TWO DOOR RESTROOM SYSTEM</b><br>(1) <b>CX-EMF2</b> Multi-Function Relay Controller<br>(2) <b>CM-2520/4854SE1</b> Combo switch, 2" x 4" narrow 'PUSH TO OPEN' & 'PUSH TO LOCK', Surface mount AURA™ illuminated enclosure and sign<br>(2) <b>CM-45/454SE1</b> 4-1/2" Push plate switch, wheelchair & 'PUSH TO OPEN' with Surface mount AURA™ illuminated enclosure and signs<br>(2) <b>CX-MDA</b> Magnetic contact, surface, SPST, white<br>Add suffix 'F' for French and 'FE' for bilingual  |
| CX-WC14AXSM    | <b>FLUSH MOUNT TWO DOOR RESTROOM SYSTEM</b><br>(1) <b>CX-EMF2</b> Multi-Function Relay Controller<br>(2) <b>CM-2520/4854SE1</b> Combo switch, 2" x 4" narrow 'PUSH TO OPEN' & 'PUSH TO LOCK', Flush mount AURA™ illuminated enclosure and sign<br>(2) <b>CM-45/454SE1</b> 4-1/2" Push plate switch, wheelchair & 'PUSH TO OPEN' with Flush mount AURA™ illuminated enclosure and signs<br>(2) <b>CX-MDA</b> Magnetic contact, surface, SPST, white<br>Add suffix 'F' for French and 'FE' for bilingual  |
|                | <b>FLUSH MOUNT TWO DOOR RESTROOM SYSTEM</b><br>(1) <b>CX-EMF2</b> Multi-Function Relay Controller<br>(2) <b>CM-2520/4854SE1</b> Combo switch, 2" x 4" narrow 'PUSH TO OPEN' & 'PUSH TO LOCK', Flush mount AURA™ illuminated enclosure and sign<br>(2) <b>CM-45/454SE1</b> 4-1/2" Push plate switch, wheelchair & 'PUSH TO OPEN' with Flush mount AURA™ illuminated enclosure and signs<br>(2) <b>CX-MDA</b> Magnetic contact, surface, SPST, white<br>Add suffix 'F' for French and 'FE' for bilingual  |



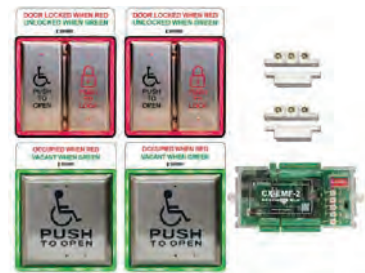
CX-WC13AXFM



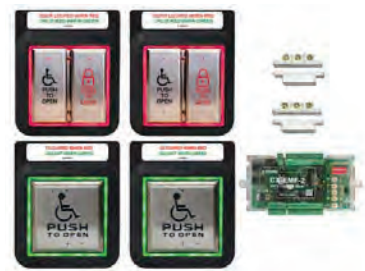
CX-WC13AXSM-PS



CX-WC13AXFM-PS



CX-WC14AXSM



CX-WC14AXFM



# RESTROOM CONTROL KITS

## DOOR CONTROL

### CX-WC: BARRIER FREE RESTROOM CONTROL KITS



| MODELS         |  |
|----------------|--|
| CX-WC14AXSM-PS | <p><b>SURFACE MOUNT TWO DOOR RESTROOM SYSTEM, WITH POWER SUPPLY</b></p> <ul style="list-style-type: none"> <li>(1) <b>CX-EMF2PS</b> Multi-function relay controller, 2 Amp power supply, cabinet and transformer</li> <li>(2) <b>CM-2520/4854SE1</b> Combo switch, 2" x 4" narrow 'PUSH TO OPEN' &amp; 'PUSH TO LOCK', Surface mount AURA™ illuminated enclosure and sign</li> <li>(2) <b>CM-45/454SE1</b> 4-1/2" Push plate switch, wheelchair &amp; 'PUSH TO OPEN' with Surface mount AURA™ illuminated enclosure and sign</li> <li>(2) <b>CX-ED2079</b> Grade 2 ANSI electric strike with 3 faceplates</li> <li>(2) <b>CX-MDA</b> Magnetic contact, surface, SPST, white</li> </ul> <p>Add suffix 'F' for French and 'FE' for bilingual</p>   |
|                | <p><b>FLUSH MOUNT TWO DOOR RESTROOM SYSTEM, WITH POWER SUPPLY</b></p> <ul style="list-style-type: none"> <li>(1) <b>CX-EMF2PS</b> Multi-function relay controller, 2 Amp power supply, cabinet and transformer</li> <li>(2) <b>CM-2520/4855SE1</b> Combo switch, 2" x 4" narrow 'PUSH TO OPEN' &amp; 'PUSH TO LOCK', Flush mount AURA™ illuminated enclosure and sign</li> <li>(2) <b>CM-45/455SE1</b> 4-1/2" Push plate switch, wheelchair &amp; 'PUSH TO OPEN' with Flush mount AURA™ illuminated enclosure and sign</li> <li>(2) <b>CX-ED2079</b> Grade 2 ANSI electric strike with 3 faceplates</li> <li>(2) <b>CX-MDA</b> Magnetic contact, surface, SPST, white</li> </ul> <p>Add suffix 'F' for French and 'FE' for bilingual</p>   |
| CX-WC16        | <p><b>TOUCHLESS SWITCH RESTROOM KIT</b></p> <ul style="list-style-type: none"> <li>(1) <b>CX-33</b> Advanced Logic Relay</li> <li>(1) <b>CM-331/43S-SGLR</b> Wired touchless switch, 1 relay, 'Wave to Lock' with stainless steel faceplate and Red/Green/Blue LED illumination</li> <li>(1) <b>CM-331/42SW-SGLR</b> Wired touchless switch, 1 relay, 'Wave to Open' with double gang stainless steel faceplate and Red/Green/Blue LED illumination</li> <li>(1) <b>CM-325/42SW</b> Wired 'short range' touchless switch, 1 relay, 'Wave to Open' with stainless steel faceplate, non illuminated</li> <li>(1) <b>CX-MDA</b> Magnetic contact, surface, SPST, white</li> </ul> <p>Add suffix 'F' for French and 'FE' for bilingual</p>   |
|                | <p><b>TOUCHLESS SWITCH RESTROOM KIT WITH POWER SUPPLY</b></p> <ul style="list-style-type: none"> <li>(1) <b>CX-33PS</b> Advanced Logic Relay, 2 Amp Power Supply, Cabinet and Transformer</li> <li>(1) <b>CM-331/43S-SGLR</b> Wired touchless switch, 1 relay, hand icon and 'WAVE TO LOCK', plug-in light ring and stainless steel faceplate. Red/Green/Blue controlled by switch or remotely.</li> <li>(1) <b>CM-331/42SW-SGLR</b> Wired touchless switch, 1 relay, hand icon, 'WAVE TO OPEN' text &amp; wheelchair symbol; double gang stainless steel faceplate, light ring &amp; stainless steel faceplate</li> <li>(1) <b>CM-325/42SW</b> Wired 'SHORT RANGE' touchless switch, 1 relay, hand icon, 'WAVE TO OPEN' text and wheelchair symbol, double gang stainless steel faceplate</li> <li>(1) <b>CX-ED2079</b> Grade 2 ANSI electric strike with 3 faceplates</li> <li>(1) <b>CX-MDA</b> Magnetic contact, surface, SPST, white</li> </ul> <p>Add suffix 'F' for French and 'FE' for bilingual</p> |
| CX-WC16-PS     |  |



CX-WC14XSM-PS



CX-WC14XFM-PS



CX-WC16



CX-WC16-PS



Camden provides exceptional value and quality in all their Restroom Control Kits.

For our full list of kits, visit our website or contact Camden's customer service at (877) 226-3369.



## DOOR CONTROL

### CX-WC: BARRIER FREE RESTROOM CONTROL KITS

| MODELS       |  |
|--------------|--|
| CX-WC17      | <b>COLUMN™ SWITCH RESTROOM SYSTEM KIT</b><br>(2) <b>CM-7536/4</b> 'Push to Open' Switches<br>(1) <b>CM-7536/8B</b> 'Push to Lock' (Red) Switch<br>(2) <b>CM-AF503</b> LED Annunciators (with 'Occupied' and 'Locked' Message Labels)<br>(1) <b>CX-33</b> Controller<br>(1) <b>CX-MDA</b> Surface Magnetic Contacts<br>Add suffix 'F' for French and 'FE' for bilingual   |
| CX-WC17VR-PS | <b>COLUMN™ SWITCH RESTROOM SYSTEM KIT WITH POWER SUPPLY &amp; HANDS-FREE SENSORS</b><br>(2) <b>CM-7536VR/4</b> 'Push to Open' Column™ Switches<br>(1) <b>CM-7536VR/8B</b> 'Push to Lock' (Red) Column™ Switch<br>(1) <b>CX-33PS</b> Controller and Power Supply Cabinet<br>(1) <b>CX-ED2079</b> Grade 2 Electric Strike<br>(1) <b>CX-MDA</b> Surface Magnetic Contacts<br>Add suffix 'F' for French and 'FE' for bilingual |



CX-WC17VR-PS

### CX-WEC SERIES: EMERGENCY CALL SYSTEMS FOR UNIVERSAL RESTROOMS



Listed Components



Compliant

*CX-WEC Series are equipment packages designed to meet the latest building code requirements for universal restrooms. Emergency Call Systems may be installed in restrooms without an automatic door operator, or with Camden CX-WC Series barrier-free restroom kits (with operator).*

### Specifications

Current Draw: CX-WEC Series: 165mA

| MODELS     |   |
|------------|---|
| CX-WEC10   | <b>UNIVERSAL EMERGENCY CALL KIT</b><br>(1) <b>CM-450R/12</b> Mushroom Push button, single gang, stainless steel faceplate, push/pull, 'PRESS FOR EMERGENCY ASSISTANCE'<br>(1) <b>CM-AF501SO</b> Single gang LED annunciator with adjustable sounder 'ASSISTANCE REQUESTED'<br>(1) <b>CM-AF141SO</b> Single Gang LED Dome Light with sounder<br>(1) <b>CM-SE21A</b> English, solid white sign, 'IN THE EVENT OF AN EMERGENCY PUSH EMERGENCY BUTTON AND AUDIBLE AND VISUAL SIGNAL WILL ACTIVATE'; For use without automatic door operator, or with CX-WC 10, 11, 12, 13 & 14 barrier-free restroom control kit.<br>Add suffix 'F' for French and 'FE' for bilingual |
| CX-WEC10K2 | <b>UNIVERSAL EMERGENCY CALL SYSTEM KIT, WITH WHITE DOME LIGHT</b><br>(1) <b>CM-AF540SO</b> Double gang, push/pull mushroom push button, red, 'Assistance Required', with LED annunciator & adjustable sounder, 'Assistance Requested'<br>(1) <b>CM-AF141SO</b> Single Gang LED Dome Light with sounder<br>(1) <b>CM-SE21A</b> English, solid white sign, 'IN THE EVENT OF AN EMERGENCY PUSH EMERGENCY BUTTON AND AUDIBLE AND VISUAL SIGNAL WILL ACTIVATE'<br>Add suffix 'F' for French and 'FE' for bilingual   |



CX-WEC10



CX-WEC10K2



# RESTROOM CONTROL KITS

## DOOR CONTROL

### CX-WEC SERIES: EMERGENCY CALL SYSTEMS FOR UNIVERSAL RESTROOMS



| MODELS      |  |
|-------------|--|
| CX-WEC10BK2 | <b>UNIVERSAL EMERGENCY CALL SYSTEM KIT, WITH MULTI-COLOR DOME LIGHT</b><br>(1) <b>CM-AF540SO</b> Double gang, push/pull mushroom push button, red, 'Assistance Required', with LED annunciator & adjustable sounder, 'Assistance Requested'<br>(1) <b>CM-AF142SO</b> Single Gang Multi-Color LED Dome Light with Sounder<br>(1) <b>CM-SE21A</b> English, solid white sign, 'IN THE EVENT OF AN EMERGENCY PUSH EMERGENCY BUTTON AND AUDIBLE AND VISUAL SIGNAL WILL ACTIVATE'<br>Add suffix 'F' for French and 'FE' for bilingual  |
|             | <b>EMERGENCY CALL SYSTEM KIT-2 DOOR RESTROOMS, MULTI-COLOR DOME LIGHT</b><br>(1) <b>CM-AF540SO</b> Double gang, push/pull mushroom push button, red, 'Assistance Required', with LED annunciator & adjustable sounder, 'Assistance Requested'<br>(2) <b>CM-AF142SO</b> Single Gang Multi-Color LED Dome Light with Sounder<br>(1) <b>CM-SE21A</b> English, solid white sign, 'IN THE EVENT OF AN EMERGENCY PUSH EMERGENCY BUTTON AND AUDIBLE AND VISUAL SIGNAL WILL ACTIVATE'<br>Add suffix 'F' for French and 'FE' for bilingual  |
| CX-WEC10CK2 | <b>UNIVERSAL EMERGENCY CALL KIT, WITH PUSH BUTTON RESET</b><br>(1) <b>CM-AF501SO</b> Single gang LED annunciator with adjustable sounder 'ASSISTANCE REQUESTED'<br>(1) <b>CM-AF141SO</b> Single Gang LED Dome Light with sounder<br>(1) <b>CM-SE21A</b> English, solid white sign, 'IN THE EVENT OF AN EMERGENCY PUSH EMERGENCY BUTTON AND AUDIBLE AND VISUAL SIGNAL WILL ACTIVATE'<br>(1) <b>CM-LRS24</b> 24V Latching Relay Assembly for EM Call System using momentary 'Press For Emergency Assistance' switches<br>(1) <b>CM-8010/13</b> momentary, 'Press for Reset' 1" red push button; For use with momentary 'Press For Emergency Assistance' switches (extra)<br>Add suffix 'F' for French and 'FE' for bilingual   |
|             | <b>UNIVERSAL EMERGENCY CALL KIT, WITH KEY SWITCH RESET</b><br>(1) <b>CM-AF501SO</b> Single gang LED annunciator with adjustable sounder 'ASSISTANCE REQUESTED'<br>(1) <b>CM-AF141SO</b> Single Gang LED Dome Light with sounder<br>(1) <b>CM-SE21A</b> English, solid white sign, 'IN THE EVENT OF AN EMERGENCY PUSH EMERGENCY BUTTON AND AUDIBLE AND VISUAL SIGNAL WILL ACTIVATE'<br>(1) <b>CM-LRS24</b> 24V Latching Relay Assembly for EM Call System using momentary 'Press For Emergency Assistance' switches<br>(1) <b>CM-1205/14-60KD</b> Key Switch, Single Gang SS, SPST Momentary, NC,w/ 'WC System Reset' text and CM-1000/60KD mortise cylinder, keyed different; For use with momentary 'Press For Emergency Assistance' switches (extra)<br>Add suffix 'F' for French and 'FE' for bilingual |
| CX-WEC12    |  |
| CX-WEC13    |  |
|             |  |

IN THE EVENT OF AN EMERGENCY  
PUSH EMERGENCY BUTTON  
AND AUDIBLE AND VISUAL SIGNAL  
WILL ACTIVATE



CX-WEC10BK2

IN THE EVENT OF AN EMERGENCY  
PUSH EMERGENCY BUTTON  
AND AUDIBLE AND VISUAL SIGNAL  
WILL ACTIVATE



CX-WEC10CK2

IN THE EVENT OF AN EMERGENCY  
PUSH EMERGENCY BUTTON  
AND AUDIBLE AND VISUAL SIGNAL  
WILL ACTIVATE



CX-WEC12

IN THE EVENT OF AN EMERGENCY  
PUSH EMERGENCY BUTTON  
AND AUDIBLE AND VISUAL SIGNAL  
WILL ACTIVATE



CX-WEC13



Camden provides exceptional value and quality in all their Restroom Control Kits.

For our full list of kits, visit our website or contact Camden's customer service at (877) 226-3369.



## DOOR CONTROL

## CX-WEC SERIES: EMERGENCY CALL SYSTEMS FOR UNIVERSAL RESTROOMS

| EMERGENCY CALL - COMPONENTS       |   |
|-----------------------------------|---|
| CM-450R/12                        | Mushroom Push button, single gang, stainless steel faceplate, push/pull, 'PRESS FOR EMERGENCY ASSISTANCE'<br>For additional contracts to connect additional notification devices or systems, order CM-4000/50N (N/O) or CM-4000/60N (N/C) |
| CM-450R/12FE                      | Bilingual Mushroom Push button, single gang, stainless steel faceplate, push/pull, 'PRESS FOR EMERGENCY ASSISTANCE' and French language sign, laser etched with brushed stainless finish  |
| CM-AF501SO                        | Single gang LED annunciator with adjustable sounder, 'ASSISTANCE REQUESTED'   |
| CM-AF540SO                        | Double gang, stainless steel faceplate, push/pull mushroom push button, red, 'ASSISTANCE REQUIRED' with LED annunciator and adjustable sounder, 'ASSISTANCE REQUESTED'. Add suffix 'F' to model number for French language                |
| CM-AF141SO                        | Single Gang LED Dome Light with adjustable sounder.<br>Add suffix 'F' to model number for French language, 'FE' for bilingual   |
| CM-AF142SO                        | Single Gang Multi-Color LED Dome Light with sounder<br>Selectable Red, Green, Blue or White   |
| CX-LRS12                          | 12V Latching Relay Assembly for EM Call System using momentary 'PRESS FOR EMERGENCY ASSISTANCE' switches  |
| CX-LRS24                          | 24V Latching Relay Assembly for EM Call System using momentary 'PRESS FOR EMERGENCY ASSISTANCE' switches  |
| CM-1205/14-60KD                   | Key Switch, Single Gang Stainless Steel, SPST Momentary, NC, with 'WC System Reset' text and CM-1000/60KD mortise cylinder, keyed different   |
| CM-8010R/13                       | Vandal Resistant 1" Red Push Button, Single Gang Aluminum, N/C Momentary with 'PRESS TO RESET' text   |
| EMERGENCY CALL - OPTIONAL SIGNAGE |   |
| CM-SE21A                          | English solid white sign, 6" x 10-5/8" (152mm x 270mm).<br>'IN THE EVENT OF AN EMERGENCY PUSH EMERGENCY BUTTON AND AUDIBLE AND VISUAL SIGNAL WILL ACTIVATE'   |
| CM-SE21B                          | English sign, white self adhesive vinyl, 6" x 10-5/8" (152mm x 270mm)<br>'IN THE EVENT OF AN EMERGENCY PUSH EMERGENCY BUTTON AND AUDIBLE AND VISUAL SIGNAL WILL ACTIVATE'   |
| CM-SF20A                          | French, solid white sign, 6" x 10-5/8" (152mm x 270mm)<br>'DANS LE CAS D'UNE URGENCE POUSSER LE BOUTON D'URGENCE POUR ACTIVER LE SIGNAL SONORE ET VISUEL'   |
| CM-SF20B                          | French sign, white self adhesive vinyl, 6" x 10-5/8" (152mm x 270mm)<br>'DANS LE CAS D'UNE URGENCE POUSSER LE BOUTON D'URGENCE POUR ACTIVER LE SIGNAL SONORE ET VISUEL'   |



CM-450R/12



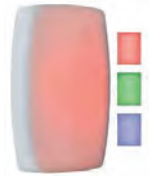
CM-AF501SO



CM-AF540SO



CM-AF141SO



CM-AF142SO



CM-LRS12



CM-1205/14-60KD



CM-8010/13



CM-SE21A



CM-SF20A



# POWER SUPPLIES

## DOOR CONTROL

### CX-PS150UL: POWER SUPPLY



Listed



Listed

*CX-PS150UL is a 1.7 amp power supply ideal for powering magnetic locks and electric strikes. UL and ULC listed, this model offers (2) over current protected outputs. The metal cabinet can accommodate (1) 4Ah battery and meets all fire and life safety codes for access control and locking devices.*



#### Specifications

|                         |   |
|-------------------------|---|
| Voltage:                | 120 VAC                                       |
| Output Voltage:         | 12/24 VDC                                     |
| Output Power:           | 1.7 A, 500mA Battery Charger                  |
| Output Protection:      | Short Circuit Protection                      |
| Enclosure Accommodates: | (1) 4 Ah Battery                              |
| Dimensions:             | 8"H x 9"W x 3-1/2"D<br>(204mm x 231mm x 89mm) |

#### Features

- UL 294 and ULC S533 listed
- Latching fire alarm tie-in with reset
- 12 or 24 VDC selectable 1.5 Amp output
- 12 or 24 VDC 200mA auxiliary output
- AC and DC power and status indicators
- Short circuit and terminal protection
- Battery charger (500mA)
- 120 VAC power input
- Metal enclosure accommodates (1) 4 Ah battery (not included)
- 3 year warranty

#### MODEL

|            |  |
|------------|--|
| CX-PS150UL | Power Supply with (2) Fused Outputs (2A) |
|------------|--|

### CX-PS300UL / PS600UL: POWER SUPPLIES



Listed



Listed

*Camden's affordable and high-quality CX-PS300UL and CX-PS600UL power supplies feature power protection, latching fire alarm outputs, selectable 12 VDC or 24 VDC operation, battery charging and rugged metal cabinets. CX-PS300UL and CX-PS600UL power supplies are UL294, CAN/ULC-60839-11-1 and CAN/ULC-S533 listed.*



CX-PS300UL



CX-PS600UL

#### Specifications

|                            |  |
|----------------------------|--|
| Voltage:                   | 120/240 VAC  |
| Output Voltage:            | 12/24 VDC  |
| Output Power:              | <b>CX-PS300UL:</b><br>(4) 3 Amps, 1.5 Amp Battery Charger<br><b>CX-PS600UL:</b><br>(8) 6 Amps, 1.5 Amp Battery Charger |
| Charger Output Protection: | Short Circuit Protection   |
| Battery Charger Monitor:   | Battery Load Test Every 48hrs  |
| Enclosure Accommodates:    | 2 x 12 VDC / 12 Ah Batteries   |
| Dimensions:                | 17-3/4"H x 13-3/8"W x 4-3/8"D<br>(338mm x 448mm x 110mm)   |

#### Features

- UL/ULC listed
- Latching fire alarm tie-in with reset
- 12 or 24 VDC selectable outputs  
CX-PS300: (4) outputs, 3 Amp max  
CX-PS600: (8) outputs 6 Amp max
- AC power and status indicators
- Short circuit and terminal protection
- Battery charger (1.5 Amps)
- 120/240 VAC power input
- Low battery, battery disconnect, and battery charger trouble monitoring
- Metal enclosure accommodates (2) 12Ah. batteries (not included)
- 3-year warranty

#### MODELS

|            |   |
|------------|---|
| CX-PS300UL | 3 Amp Power Supply with (4) Fused Outputs (2 Amp) |
| CX-PS600UL | 6 Amp Power Supply with (8) Fused Outputs (2 Amp) |



## DOOR CONTROL

## CX-PS13 V3: VARIABLE OUTPUT LINEAR POWER SUPPLY

The low cost **CX-PS13** linear power supply is designed to provide regulated low voltage power for electrified locks, MProx™ card access systems, washroom control packages and other electronic devices. A 120 VAC transformer with a 6 to 26 VAC output is required. Recommended for use with electric strikes.



### Features

- Low cost linear power supply
- Compact board-only design
- Input voltage: 6 - 26 VAC, depending on output voltage selected
- Self-resetting smart fuse protection
- Input voltage transformer required. See manual for specification
- 3 year warranty

### MODEL

|           |                                     |
|-----------|-------------------------------------|
| CX-PS13V3 | Variable Output Linear Power Supply |
|-----------|-------------------------------------|

### Specifications

|                    |   |
|--------------------|---|
| Voltage:           | 6-26 VAC  |
| Output Voltage:    | 6, 12, 24 VDC Selectable or 2-24 VDC if ADJ is selected |
| Output Protection: | PPTC Resettable Fuse                                    |
| Output Power:      | 800mA, 200mA Charging Current                           |
| Ripple:            | <40mV   |
| Efficiency:        | 12 VDC = 85%, 24 VDC = 90%                              |
| Dimensions:        | 2-3/4"H x 1-1/2"W x 1-3/4"D<br>(69mm x 38mm x 46mm)     |

## TRANSFORMERS



## TRANSFORMERS AND RECTIFIERS

Camden offers a range of 12 VAC to 24 VAC standard, plug-in and panel (nipple) mount transformers to support any low voltage system application. The **CX-5024** rectifier is used to convert AC power for use with DC powered devices.

### Features

- AC and DC models
- Standard mount & plug-in models
- Fused model for additional circuit protection

### MODELS

#### Panel (Nipple) Mount

|                           |   |
|---------------------------|---|
| CX-TRN-2024* <sup>o</sup> | 24 VAC, 20VA panel (nipple) mount transformer |
|---------------------------|---|

#### Standard Mount

|                            |   |
|----------------------------|---|
| CX-TRX-2012* <sup>o</sup>  | 12 VAC, 20VA standard mount transformer |
| CX-TRX-4024* <sup>o</sup>  | 24 VAC, 40VA standard mount transformer |
| CX-TRX-5024 <sup>o</sup> ^ | 24 VAC, 50VA standard mount transformer |

#### Fused Standard Mount

|                           |   |
|---------------------------|---|
| CX-TRX-2024* <sup>o</sup> | 24 VAC, 20VA, fused, standard mount transformer |
|---------------------------|---|

#### Plug-in

|                          |                                  |
|--------------------------|----------------------------------|
| CX-TRP-4016 <sup>o</sup> | 16 VAC, 40VA plug-in transformer |
|--------------------------|----------------------------------|

#### Rectifier

|             |  |
|-------------|--|
| CX-5024     | Rectifier (AC-DC) 50 VA  |
| CX-TRK-2450 | 24 VAC, 40VA standard mount transformer and AC to DC Rectifier |



### Specifications

|                 |              |
|-----------------|--------------|
| Input Voltage:  | 120 VAC 60Hz |
| Output Voltage: | 12-24 VAC    |



**CX-TRX-2012**

Dimensions:  
**CX-TRN-2024:**  
2"H x 2-3/8"W x 2-1/4"D  
(51mm x 60mm x 57mm)



**CX-TRN-2024**

**CX-TRX-2012:**  
3"H x 2"W x 2-1/8"D  
(76mm x 51mm x 54mm)



**CX-TRX-5024**

**CX-TRX-4024:**  
2"H x 2-3/8"W x 2-1/2"D  
(51mm x 60mm x 64mm)

**CX-TRX-5024:**  
2-1/8"H x 3-1/8"W x 2-5/16"D  
(54mm x 80mm x 60mm)

**CX-TRX-2024:**  
2"H x 2-3/8"W x 2-1/2"D  
(51mm x 60mm x 64mm)

**CX-TRP-4016:**  
3-1/2"H x 2-1/2"W x 2-1/8"D  
(89mm x 64mm x 54mm)



**CX-TRP-4016**

**CX-5024:**  
1"H x 3/4"W x 1/4"D  
(25mm x 19mm x 6mm)



## **ILLUMINATED PUSH BUTTONS ..... 44**

CM-30 Series: Square LED Illuminated  
Push / Exit Switches ..... 44

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CM-400 Series: 1-5/8" Mushroom Push Button  
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CM-3000 / 3100 Series: Illuminated  
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Push Buttons with Aluminum Faceplate ..... 48

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CM-7000 / 7100 Series: Medium Duty  
Push / Exit Switches (Recessed Button) ..... 51

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# ILLUMINATED PUSH BUTTONS

## DOOR ACTIVATION DEVICES

### CM-30 SERIES: SQUARE LED ILLUMINATED PUSH / EXIT SWITCHES

**CM-30 Series LED illuminated exit switches** are high visibility, economical 'request to exit' (REX) controls. Buttons are backlit in green with black PUSH TO EXIT text. They are supplied with a single gang industrial grade stainless steel faceplate and tamperproof screws.

**CM-30EE** is supplied with an integrated 30 second fixed timer. **CM-30AT** is supplied with an adjustable 30 second timer. Pushing the button cuts power to the magnetic lock and activates the timer. In-wall mounting box included.



CM-30E

#### Features

- 'C' and 'U' models offer the largest selection of insert labels (see info below for labels included)
- UL 294 & UL 61058-1 compliant, meets NFPA requirements
- SPDT 10 Amp. momentary contacts
- Economical high visibility 2" square illuminated button
- Industrial grade stainless steel faceplate
- 12/24 VDC with LED bulb
- 3 year 'Camden Tough' warranty

#### Specifications

|                 |   |
|-----------------|---|
| Voltage:        | 12/24 VDC   |
| Contact Type:   | SPDT Form 'C'   |
| Contact Rating: | 10 Amps @ 30 VDC  |
| Switch Type:    | Momentary   |
| Current Draw:   | LED Bulb: 14mA  |
| Std. Finish:    | US32 / C32D   |
| Dimensions:     | <b>CM-30E/C/U:</b><br>4-1/2" H x 2-3/4" W x 2-1/2" D<br>(114mm x 70mm x 64mm) |

#### 'UNIVERSAL' MULTI LABEL SWITCHES

|        |  |
|--------|--|
| CM-30C | <b>ENGLISH, FRENCH, BILINGUAL INSERT LABELS</b><br>(Green): Exit, Sortie, Exit Sortie, Poussez Pour Sortir, Occupied When Lit, Occupied-Occupe, Push to Open, Push to Exit<br>(Red): Exit, Sortie, Push To Exit, Alarm Armed, Poussez Pour Sortir, Push to Lock-Locked When Lit<br>(Blue) Wheel Chair Symbol |
| CM-30U | <b>ENGLISH AND SPANISH INSERT LABELS</b><br>(Green): Exit, Salida, Empujar Para Salir, Occupied When Lit, Push to Open, Push to Exit<br>(Red): Exit, Push To Exit, Salida, Empujar Para Salir, Alarm Armed, Push to Lock-Locked When Lit, Blank<br>(Blue) Wheel Chair Symbol                                 |

#### 'ECONOMICAL' ONE LABEL SWITCH

|        |   |
|--------|---|
| CM-30E | (1) English 'PUSH TO EXIT', Green label, 12/24V LED bulb, Spring return, SPDT |
|--------|---|

#### SWITCH WITH FIXED 30 SECOND TIMER

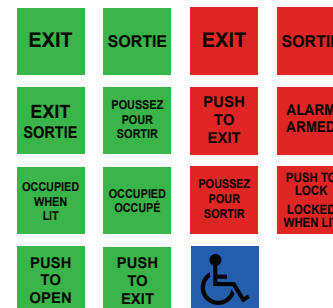
|         |  |
|---------|--|
| CM-30EE | 2" LED Illuminated Green 'PUSH TO EXIT' button with fixed 30 second timer, in-wall mounting box included |
|---------|--|

#### SWITCH WITH ADJUSTABLE 30 SECOND TIMER

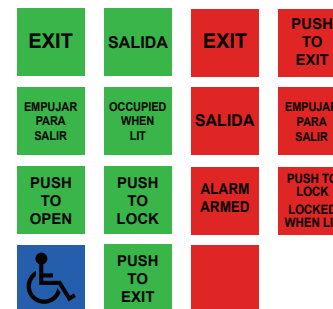
|         |   |
|---------|---|
| CM-30AT | 2" LED Illuminated Green 'PUSH TO EXIT' button with adjustable 30 second timer, in-wall mounting box included |
|---------|---|

#### OPTIONAL CONTACT

|      |  |
|------|--|
| 'DP' | Add suffix 'DP' to model number for Double Pole Double Throw (DPDT) contacts in place of Single Pole Double Throw (SPDT) |
|------|--|



CM-30C



CM-30U

### CM-300 / 310 SERIES: RECTANGULAR LED ILLUMINATED SWITCHES

**CM-300** (single gang) and **CM-310** (narrow) series illuminated exit switches are economical illuminated exit controls. Buttons are 1/2" x 3/4" and are available in red or green. They are supplied with a stainless steel faceplate in single gang or jamb (narrow) widths.

The **CM-310EE** model is supplied with a narrow style faceplate and an integrated 30 second timer with double break circuitry. As required by code, the double break circuit design ensures power to the magnetic lock will be interrupted by pressing the button should the timer or request to exit sensor malfunction.



CM-300RPTC



CM-310/RE



CM-300GPTC



CM-310/GE

#### Features

- LED Illumination, easy to operate
- Single gang or narrow stainless steel faceplates
- 1/2" by 3/4" illuminated buttons
- Available in Red and Green
- Operates on 12/24 VDC
- 3 year 'Camden Tough' warranty with '2 for 1' replacement

#### SINGLE GANG FACEPLATE

|             |  |
|-------------|--|
| CM-300      | 2" LED Illuminated Green 'PUSH TO EXIT' button with fixed 30 second timer, in-wall mounting box included |
| CM-300GPTC  | Green button, 'PUSH TO EXIT' faceplate graphics, SPDT Momentary (No button or graphic options)           |
| CM-300RPTC* | Red button, 'PUSH TO EXIT' faceplate graphics, SPDT Momentary (No button or graphic options)             |

#### NARROW FACEPLATE

|             |   |
|-------------|---|
| CM-310      | Blank faceplate, SPDT Momentary   |
| CM-310GPTC  | Green button, 'PUSH TO EXIT' faceplate graphics, SPDT Momentary (No button or graphic options)      |
| CM-310RPTC* | Red button, 'PUSH TO EXIT' narrow faceplate graphics, SPDT Momentary (No button or graphic options) |
| CM-310EE*   | 'PUSH TO EXIT' faceplate graphics, built-in 30 second electronic timer, green button only           |

#### Specifications

|                 |  |
|-----------------|--|
| Voltage:        | 12/24 VDC  |
| Contact Type:   | SPDT Form 'C'  |
| Contact Rating: | 3A @ 30 VDC  |
| Switch Type:    | Momentary  |
| Std. Finish:    | US32 / C32D  |
| Dimensions:     | <b>CM-300:</b><br>4-1/2"H x 2-3/4"W x 1-5/16"D<br>(114mm x 70mm x 33mm)<br><b>CM-310:</b><br>4-1/2"H x 1-3/4"W x 1-5/16"D<br>(114mm x 44mm x 33mm) |

#### OPTIONS (Add suffix to model above)

##### Faceplate Graphic Options (Note: All faceplate graphics are black)



CX-xx/3



CX-xx/3F



CX-xx/3S



CX-xx/8

##### Button Graphic Options (Note: All button texts are black)



CX-xx/E



CX-xx/S



CX-xx/SA

#### Button Color Options (if not specified, 'RED' will be supplied)

|         |   |
|---------|---|
| CM-xxxR | Add suffix 'R' to model number for red button   |
| CM-xxxG | Add suffix 'G' to model number for green button |



# MUSHROOM PUSH BUTTONS

## DOOR ACTIVATION DEVICES

### CM-400 SERIES: 1-5/8" MUSHROOM PUSH BUTTON WITH STAINLESS STEEL FACEPLATE

**CM-400 Series** are medium-duty push button controls. Buttons are available in red, blue, or green (other colors on request), with a 1-5/8" (40mm) diameter. To protect against vandalism, the buttons are free-spinning. They are supplied with an industrial grade 18 gauge stainless steel faceplate. 'FE' graphic options are supplied with stainless steel sign, placed above switch.



CM-400WR



CM-400RE



CM-450RL-7724-CPC

#### Features

- 1-5/8" (40mm) diameter button
- Vandal resistant free-spinning button
- Heavy duty 18 gauge stainless steel faceplate
- Narrow, single gang, or double gang widths
- 3 year 'Camden Tough' warranty with '2 for 1' replacement

#### SINGLE GANG FACEPLATE

|                   |   |
|-------------------|---|
| CM-400            | N/O contact, Plain faceplate  |
| CM-410            | N/C contact, Plain faceplate  |
| CM-420            | N/O and N/C contact, Plain faceplate  |
| CM-420RPT*        | N/O & N/C Plain faceplate, with 'Push to Exit' engraved on button   |
| CM-450R           | Push/Pull, N/O & N/C Stainless steel faceplate, maintained, red only  |
| CM-450RL-7724-CPC | 1-5/8" red mushroom 'Lockdown' push button, maintained, Push/Pull, with N/O & N/C contacts, heavy duty single gang stainless steel faceplate, red flashing 1/2" 24V LED and vandal resistant clear plastic lift cover |

#### NARROW FACEPLATE

|         |                                      |
|---------|--------------------------------------|
| CM-400N | N/O contact, Plain faceplate         |
| CM-410N | N/C contact, Plain faceplate         |
| CM-420N | N/O and N/C contact, Plain faceplate |

#### DOUBLE GANG FACEPLATE

|         |                                      |
|---------|--------------------------------------|
| CM-400W | N/O contact, Plain faceplate         |
| CM-410W | N/C contact, Plain faceplate         |
| CM-420W | N/O and N/C contact, Plain faceplate |

#### Specifications

|                 |  |
|-----------------|--|
| Voltage:        | 12/24V DC  |
| Contact Rating: | 6A @ 30 VDC  |
| Switch Type:    | Momentary  |
| Std. Finish:    | US32 / C32D  |
| Dimensions:     | <b>CM-400:</b> 4-1/2"H x 2-3/4"W x 1-3/4"D (114mm x 70mm x 44mm)   |
|                 | <b>CM-400N:</b> 4-1/2"H x 1-3/4"W x 1-3/4"D (114mm x 44mm x 44mm)  |
|                 | <b>CM-400W:</b> 4-1/2"H x 4-1/2"W x 1-3/4"D (114mm x 114mm x 44mm) |

#### Button Color Options

(if not specified, 'RED' will be supplied)

|         |                                 |
|---------|---------------------------------|
| CM-xxxR | Add suffix 'R' for red button   |
| CM-xxxG | Add suffix 'G' for green button |
| CM-xxxB | Add suffix 'B' for blue button  |

#### OPTIONS (Add suffix to model above)

##### Faceplate Graphic Options (Note: All faceplate graphics are black)

|              |               |              |               |                |             |
|--------------|---------------|--------------|---------------|----------------|-------------|
| <br>CX-xx/3  | <br>CX-xx/3F  | <br>CX-xx/3S | <br>CX-xx/7   | <br>CX-xx/7F   | <br>CX-xx/8 |
| <br>CX-xx/8F | <br>CX-xx/8FE | <br>CX-xx/12 | <br>CX-xx/12F | <br>CX-xx/12FE |             |

##### Button Graphic Options (Note: All button text is white)

|            |             |              |
|------------|-------------|--------------|
| <br>CM-xxE | <br>CM-xxES | <br>CM-xxS   |
| <br>CM-xxH | <br>CM-xxSA | <br>CM-xxESA |

## CM-3000 / 3100 SERIES: ILLUMINATED MUSHROOM PUSH BUTTONS

*CM-3000 Series mushroom push buttons are heavy duty push buttons designed for industrial and commercial applications. Buttons are 1-5/8" (40mm) in diameter and are available in red or green, with super bright long-life LEDs.*



CM-3030G/8

CM-3100R

### Features

- Indoor / outdoor applications
- Large 1-5/8" red or green illuminated buttons
- 1/4" thick cast aluminum faceplate
- A wide range of configurations
- Long-life LED's provide years of trouble-free use
- 3 year 'Camden Tough' warranty with '2 for 1' replacement

### SINGLE GANG FACEPLATE

|         |   |
|---------|---|
| CM-3000 | Spring return, N/O, Momentary           |
| CM-3010 | Spring return, N/C, Momentary           |
| CM-3020 | Spring return, N/O & N/C, Momentary     |
| CM-3030 | Push/Pull button, N/O, Maintained       |
| CM-3040 | Push/Pull button, N/C, Maintained       |
| CM-3050 | Push/Pull button, N/O & N/C, Maintained |

### NARROW FACEPLATE

|         |   |
|---------|---|
| CM-3100 | Spring return, N/O, Momentary           |
| CM-3110 | Spring return, N/C, Momentary           |
| CM-3120 | Spring return, N/O & N/C, Momentary     |
| CM-3130 | Push/Pull, button, N/O, Maintained      |
| CM-3140 | Push/Pull, button, N/C, Maintained      |
| CM-3150 | Push/Pull button, N/O & N/C, Maintained |

### Specifications

|                 |  |
|-----------------|--|
| Voltage:        | 12/24 VDC  |
| Contact Type:   | SPST available in N/O or N/C, & DPST (N/O & N/C)   |
| Contact Rating: | 6A @ 30 VDC  |
| Switch Type:    | Available in Momentary, Push/Pull (maintained)   |
| Std. Finish:    | Brushed Aluminum   |
| Dimensions:     | <b>CM-3000:</b><br>4-1/2"H x 2-3/4"W x 1-3/4"D<br>(114mm x 70mm x 44mm)<br><b>CM-3100:</b><br>4-1/2"H x 1-3/4"W x 1-3/4"D<br>(114mm x 44mm x 44mm) |

### Architectural Finishes

|          |   |
|----------|---|
| CM-xx-BZ | Add suffix 'BZ' to model number for Dark Bronze finish (BHMA 710/313AN) |
|----------|---|

### Button Color Options

( if not specified, 'RED' will be supplied )

|         |                                 |
|---------|---------------------------------|
| CM-xxxR | Add suffix 'R' for red button   |
| CM-xxxG | Add suffix 'G' for green button |

### OPTIONS (Add suffix to model above)

#### Faceplate Graphic Options (Note: All faceplate graphics are black)

|         |         |          |          |
|---------|---------|----------|----------|
| CX-xx/2 | CX-xx/3 | CX-xx/3F | CX-xx/3S |
| CX-xx/4 | CX-xx/7 | CX-xx/7F | CX-xx/8  |

#### Button Graphic Options (Note: All button graphics are white)

|        |         |          |
|--------|---------|----------|
| CM-xxE | CM-xxES | CM-xxS   |
| CM-xxH | CM-xxSA | CM-xxESA |

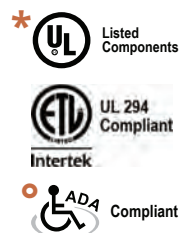


# MUSHROOM PUSH BUTTONS

## DOOR ACTIVATION DEVICES

### CM-4000 / 4100 SERIES: 1-5/8" MUSHROOM PUSH BUTTONS WITH ALUMINUM FACEPLATE

CM-4000 Series mushroom push buttons feature large 1-5/8" (40mm), free-spinning buttons, that are easy-to-activate. Available in red, blue, or green and with various logos or words engraved on the button or faceplate.



CM-4000RE

#### Features

- Indoor and outdoor applications
- Large, paint filled engraved symbols or words on button
- Available with integrated 1-60 second pneumatic time delay
- Red, green, or blue mushroom button
- 1/4" thick aluminum faceplate and HD button are vandal and tamper resistant
- 3 year 'Camden Tough' warranty with '2 for 1' replacement

#### SINGLE GANG FACEPLATE

|              |  |
|--------------|--|
| CM-4000      | Spring return, N/O, Momentary (ADA)°                                   |
| CM-4010      | Spring return, N/C, Momentary (ADA)°                                   |
| CM-4020      | Spring return, N/O & N/C, Momentary (ADA)°                             |
| CM-4085      | Spring return, DPST 1-60 second pneumatic timer (ADA)°                 |
| CM-4085RPTE* | 'PUSH TO EXIT', Spring return, DPST 1-60 second pneumatic timer (ADA)° |
| CM-4030      | Push/Pull, N/O, Maintained, Red only                                   |
| CM-4040      | Push/Pull, N/C, Maintained, Red only                                   |
| CM-4050      | Push/Pull, N/O & N/C, Maintained, Red only                             |

#### NARROW FACEPLATE

|         |   |
|---------|---|
| CM-4100 | Spring return, N/O, Momentary (ADA)°                        |
| CM-4110 | Spring return, N/C, Momentary (ADA)°                        |
| CM-4120 | Spring return, N/O & N/C, Momentary (ADA)°                  |
| CM-4185 | Spring return, DPST 1-60 second pneumatic time delay (ADA)° |
| CM-4130 | Push/Pull, N/O, Maintained, Red only                        |
| CM-4140 | Push/Pull, N/C, Maintained, Red only                        |
| CM-4150 | Push/Pull, N/O & N/C, Maintained, Red only                  |

#### Specifications

|                 |  |
|-----------------|--|
| Voltage:        | 12/24 VDC  |
| Contact Type:   | CM-4000/4100: N/O SPST<br>CM-4010/4110: N/C SPST<br>CM-4020/4120: N/O & N/C DPST<br>CM-4085/4185: N/O & N/C DPST Form Z with Pneumatic Timer<br>CM-4030/4130: N/O SPST<br>CM-4040/4140: N/C SPST<br>CM-4050/4150: N/O & N/C DPST                     |
| Switch Type:    | Momentary/Pneumatic/ Push-Pull   |
| Contact Rating: | 6A @ 30 VDC, 30A @ 240 VAC   |
| Temp Range:     | -13°F to 158°F (-25°C to 75°C)   |
| Switch Life:    | 100,000 cycles   |
| Std. Finish:    | Brushed Aluminum   |
| Dimensions:     | CM-4000: 4-1/2"H x 2-3/4"W x 1-3/4"D (114mm x 40mm x 44mm)<br>CM-4100: 4-1/2"H x 1-3/4"W x 1-3/4"D (114mm x 44mm x 44mm)<br>CM-4085: 4-1/2"H x 2-3/4"W x 2-1/4"D (114mm x 70mm x 57mm)<br>CM-4185: 4-1/2"H x 1-3/4"W x 2-1/4"D (114mm x 45mm x 57mm) |

#### Architectural Finishes

|          |  |
|----------|--|
| CM-xx-BZ | Add 'BZ' for Dark Bronze finish (BHMA 710/313AN) |
|----------|--|

#### Button Color Options

(if not specified, 'RED' will be supplied)

|         |                                 |
|---------|---------------------------------|
| CM-xxxR | Add suffix 'R' for red button   |
| CM-xxxG | Add suffix 'G' for green button |
| CM-xxxB | Add suffix 'B' for blue button  |

#### OPTIONS (Add suffix to model above)

##### Faceplate Graphic Options (Note: All faceplate graphics are black)



CX-xx/3



CX-xx/3F



CX-xx/3S



CX-xx/7



CX-xx/7F



CX-xx/8

##### Button Graphic Options (Note: All button graphics are white)



CM-xxE



CM-xxES



CM-xxS



CM-xxH



CM-xxSA



CM-xxESA

### CM-5000 SERIES: 2-3/8" MUSHROOM PUSH BUTTONS WITH ALUMINUM FACEPLATE (SINGLE GANG)

*CM-5000 Series heavy duty mushroom push buttons are specially designed and manufactured to meet the stringent demands of high traffic exit control applications. Buttons are 2-3/8" (60mm) diameter and available in either green, red, or blue. Switches feature 1/4" thick brushed aluminum single gang faceplates.*



CM-5085RPTC

#### Features

- Large palm button (red, blue or green)
- Vandal and tamper resistant
- Indoor or outdoor applications
- Large engraved symbols or words
- Color coded 18 AWG spade connections
- Spring return, push / pull, or push/turn to release operation
- Available with integrated 1-60 second pneumatic time delay
- 3 year 'Camden Tough' warranty with '2 for 1' replacement

#### SINGLE GANG FACEPLATE

|             |   |
|-------------|---|
| CM-5000     | Spring return, N/O, Momentary (ADA)   |
| CM-5010     | Spring return, N/C, Momentary (ADA)   |
| CM-5020     | Spring return, N/O & N/C, Momentary (ADA)                                   |
| CM-5030     | Push/Pull, N/O, Maintained, red only  |
| CM-5040     | Push/Pull, N/C, Maintained, red only  |
| CM-5050     | Push/Pull, N/O & N/C, Maintained, red only                                  |
| CM-5060     | Push/Turn to release, N/O, Maintained, red only                             |
| CM-5070     | Push/Turn to release, N/C, Maintained, red only                             |
| CM-5080     | Push/Turn to release, N/O & N/C, Maintained, red only                       |
| CM-5085     | Spring return, DPST 1-60 second Pneumatic time delay request to exit switch |
| CM-5085PTE* | Spring return, DPST 1-60 second Pneumatic time delay, 'PUSH TO EXIT'        |

#### Specifications

|                 |  |
|-----------------|--|
| Voltage:        | 12/24 VDC  |
| Contact Type:   | <b>CM-5000/CM-5030/CM-5060:</b><br>N/O SPST<br><b>CM-5010/CM-5040/CM-5070:</b><br>N/C SPST<br><b>CM-5020/CM-5050/CM-5080:</b><br>N/O & N/C DPST<br><b>CM-5085/CM-5085PTE:</b><br>N/O & N/C<br>DPST Form Z with Pneumatic Timer |
| Switch Type:    | Momentary / Maintained /<br>Push-Pull / Push-Turn to Release   |
| Contact Rating: | 6A @ 30 VDC  |
| Temp Range:     | -13°F to 158°F (-25°C to 75°C)   |
| Switch Life:    | 100,000 cycles   |
| Std. Finish:    | Brushed Aluminum   |
| Dimensions:     | <b>CM-5000:</b><br>4-1/2"H x 2-3/4"W x 1-3/4"D<br>(114mm x 70mm x 44mm)<br><b>CM-5085:</b><br>4-1/2"H x 2-3/4"W x 2-1/4"D<br>(114mm x 70mm x 57mm)   |

#### OPTIONS (Add suffix to model above)

##### Button Graphic Options (Note: All button graphics are white)



#### Architectural Finishes

CM-xx-BZ Add suffix 'BZ' to model number for Dark Bronze finish (BHMA 710/313AN)

#### Button Color Options

(if not specified, 'RED' will be supplied)

CM-xxxR Add suffix 'R' for red button  
CM-xxxG Add suffix 'G' for green button  
CM-xxxB Add suffix 'B' for blue button



# MUSHROOM PUSH BUTTONS

## DOOR ACTIVATION DEVICES

### CM-6000 SERIES: LOCKING PUSH BUTTONS

*CM-6000 Series Locking push buttons are specially designed and manufactured for lock-out or emergency applications. Once pushed, the button latches and cannot be reset unless the key is inserted and turned in the center locking cylinder.*



#### Features

- Large locking, red button, 2-3/8" (60mm) diameter
- Ideal for lock-out or emergency shut-down applications
- Mounted on heavy 1/4" (6mm) thick aluminum plate
- Push on, turn key to release
- Vandal and tamper resistant
- 3 year warranty

#### MODELS

|         |                            |
|---------|----------------------------|
| CM-6030 | Red, N/O, Maintained       |
| CM-6040 | Red, N/C, Maintained       |
| CM-6050 | Red, N/O & N/C, Maintained |

#### Specifications

|                 |  |
|-----------------|--|
| Voltage:        | 12/24 VDC  |
| Switch Type:    | Push To Lock (Maintained)                            |
| Contact Rating: | 6A @ 30 VDC  |
| Temp Range:     | -13°F to 158°F (-25°C to 75°C)                       |
| Std. Finish:    | Brushed Aluminum                                     |
| Dimensions:     | 4-1/2"H x 2-3/4"W x 1-3/4"D<br>(114mm x 70mm x 44mm) |

# Crisis Response Demands the Best!

When switch operation is critical to life safety, nothing less than the best will do. Selecting Camden is your assurance that your facility will be protected with the best product quality, performance, and reliability available in the industry!



#### CM-450RL-7724-CPC

(Page 46)

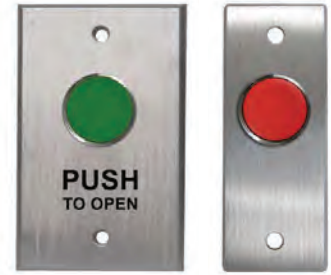
- 1-5/8" (40mm) Diameter Button
- Heavy Duty, 18 Gauge Stainless Steel Faceplate
- Vandal Resistant, Free-Spinning Red Push/Pull Button
- Maintained, with N/O & N/C Contacts
- 1/2" Flashing Red 24V LED Light
- Vandal Resistant Clear Plastic Lift Cover

### CM-7000 / 7100 SERIES: MEDIUM DUTY PUSH / EXIT SWITCHES (RECESSED BUTTON)



CM-7000 Series push/exit switches are vandal resistant, and 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 single gang or narrow widths. Optional duranodic (US 40) finish also available. CM-7000 Series Recessed Buttons are designed to limit accidental activation (not suitable for ADA applications) and to provide protection from vandalism.



CM-7000G/3

CM-7100R

#### Features

- 1" (25mm) diameter red or green button
- Mounted on heavy 1/4" (6mm) thick aluminum plate
- Indoor or outdoor applications
- Spring return operation
- Pneumatic time delay models available
- Option for paint filled/engraving on button, or graphics on faceplate
- 3 year 'Camden Tough' warranty with '2 for 1' replacement

#### RECESSED BUTTON, SINGLE GANG FACEPLATE

|         |  |
|---------|--|
| CM-7000 | Spring return, N/O, Momentary                          |
| CM-7010 | Spring return, N/C, Momentary                          |
| CM-7020 | Spring return, N/O & N/C, Momentary                    |
| CM-7085 | Spring return, DPST 1 - 60 second pneumatic time delay |

#### RECESSED BUTTON, NARROW FACEPLATE

|         |  |
|---------|--|
| CM-7100 | Spring return, N/O, Momentary                          |
| CM-7110 | Spring return, N/C, Momentary                          |
| CM-7120 | Spring return, N/O & N/C, Momentary                    |
| CM-7185 | Spring return, DPST 1 - 60 second pneumatic time delay |

#### Specifications

|                 |  |
|-----------------|--|
| Voltage:        | 12/24 VDC  |
| Contact Type:   | <b>CM-7000/7100:</b> N/O SPST<br><b>CM-7010/7110:</b> N/C SPST<br><b>CM-7020/7120:</b> N/O + N/C DPST<br><b>CM-7085/7185:</b> N/O + N/C DPST Form Z with Pneumatic Timer   |
| Contact Rating: | 6A @ 30 VDC  |
| Switch Type:    | Momentary  |
| Std. Finish:    | Brushed Aluminum   |
| Dimensions:     | <b>CM-7000 / 7010 / 7020:</b> 4-1/2"H x 2-3/4"W x 1-3/4"D (114mm x 70mm x 44mm)<br><b>CM-7100 / 7110 / 7120:</b> 4-1/2"H x 1-3/4"W x 1-3/4"D (114mm x 44mm x 44mm)<br><b>CM-7085:</b> 4-1/2"H x 2-3/4"W x 2-1/4"D (114mm x 70mm x 57mm)<br><b>CM-7185:</b> 4-1/2"H x 1-3/4"W x 2-1/4"D (114mm x 45mm x 57mm) |

#### OPTIONS (Add suffix to model above)

| Faceplate Graphic Options (Note: All faceplate graphics are black)                      | Button Graphic Options (Note: All button text is white) |
|---|---|
| CX-xx/2<br>CX-xx/3<br>CX-xx/3F<br>CX-xx/3S<br>CX-xx/4<br>CX-xx/7<br>CX-xx/7F<br>CX-xx/8 | CM-xxE<br>CM-xxS<br>CM-xxSA                             |

#### Architectural Finishes

|          |   |
|----------|---|
| CM-xx-BZ | Add suffix 'BZ' to model number for Dark Bronze finish (BHMA 710 / 313AN) |
|----------|---|

#### Button Color Options (if not specified, 'RED' will be supplied)

|         |   |
|---------|---|
| CM-xxxR | Add suffix 'R' to model number for red button   |
| CM-xxxG | Add suffix 'G' to model number for green button |



# MEDIUM DUTY PUSH BUTTONS

## DOOR ACTIVATION DEVICES

### CM-8000 / 8100 SERIES: MEDIUM DUTY PUSH / EXIT SWITCHES (EXTENDED BUTTON)

*CM-8000 and CM-8100 Series 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 single gang and narrow widths.*



CM-8000RE

CM-8100G

#### Features

- 1" (25mm) diameter, extended red or green buttons
- Mounted on heavy 1/4" (6mm) thick aluminum plate
- Indoor or outdoor applications
- Spring return operation
- Pneumatic time delay models available
- 3 year 'Camden Tough' warranty with '2 for 1' replacement

#### Specifications

Voltage: 12/24 VDC  
 Contact Type: **CM-8000/8100:** N/O SPST  
**CM-8010/8110:** N/C SPST  
**CM-8020/8120:** N/O & N/C DPST  
**CM-8085/8185:** N/O & N/C DPST Form Z with Pneumatic Timer

Contact Rating: 6A @ 30 VDC

Switch Type: Momentary

Std. Finish: Brushed Aluminum

Dimensions: **CM-8000/8010/8020:** 4-1/2"H x 2-3/4"W x 1-3/4"D (144mm x 74mm x 44mm)  
**CM-8100/8110/8120:** 4-1/2"H x 1-3/4"W x 1-3/4"D (144mm x 44mm x 44mm)  
**CM-8085:** 4-1/2"H x 2-3/4"W x 2-1/4"D (114mm x 70mm x 57mm)  
**CM-8185:** 4-1/2"H x 1-3/4"W x 2-1/4"D (114mm x 45mm x 57mm)

#### EXTENDED BUTTON, SINGLE GANG FACEPLATE

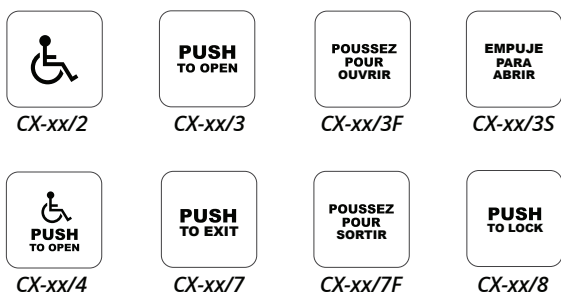
|         |  |
|---------|--|
| CM-8000 | Spring return, N/O, Momentary                          |
| CM-8010 | Spring return, N/C, Momentary                          |
| CM-8020 | Spring return, N/O & N/C, Momentary                    |
| CM-8085 | Spring return, DPST 1 - 60 second pneumatic time delay |

#### EXTENDED BUTTON, NARROW FACEPLATE

|         |  |
|---------|--|
| CM-8100 | Spring return, N/O, Momentary                          |
| CM-8110 | Spring return, N/C, Momentary                          |
| CM-8120 | Spring return, N/O & N/C, Momentary                    |
| CM-8185 | Spring return, DPST 1 - 60 second pneumatic time delay |

#### OPTIONS (Add suffix to model above)

##### Faceplate Graphic Options (Note: All faceplate graphics are black)



##### Button Graphic Options (Note: All button text is white)



#### Architectural Finishes

|          |   |
|----------|---|
| CM-xx-BZ | Add suffix 'BZ' to model number for Dark Bronze finish (BHMA 710 / 313AN) |
|----------|---|

#### Button Color Options (if not specified, 'RED' will be supplied)

|         |   |
|---------|---|
| CM-xxxR | Add suffix 'R' to model number for red button   |
| CM-xxxG | Add suffix 'G' to model number for green button |

### CM-9000 / 9100 SERIES: MECHANICAL VANDAL RESISTANT PUSH / EXIT SWITCHES

CM-9000 and CM-9100 Series push/exit buttons are all-metal construction and can withstand extreme attacks of all types. The buttons are countersunk in a heavy duty 1/4" thick brushed aluminum faceplate and available in single gang (2-3/4") or narrow stile (1-3/4") widths. Available with an optional US40 (duranodic) finish.

#### Features

- Steel button will withstand extreme attacks of all types
- Button is countersunk in heavy 1/4" (6mm) thick aluminum plate
- Indoor or outdoor applications
- Color coded 18 AWG leads, with spade connectors
- Lifetime Warranty
- 'Camden Tough' warranty with '2 for 1' replacement

#### SINGLE GANG FACEPLATE

|            |                                |
|------------|--------------------------------|
| CM-9080    | DPDT Momentary                 |
| CM-9080PTE | DPDT Momentary, 'PUSH TO EXIT' |
| CM-9090    | DPDT Maintained                |

#### NARROW FACEPLATE

|            |                                |
|------------|--------------------------------|
| CM-9180    | DPDT Momentary                 |
| CM-9180PTE | DPDT Momentary, 'PUSH TO EXIT' |
| CM-9190    | DPDT Maintained                |

#### Architectural Finishes

|          |   |
|----------|---|
| CM-xx-BZ | Add suffix 'BZ' to model number for Dark Bronze finish (BHMA 710 / 313AN) |
|----------|---|



CM-9080PTE



CM-9180



CM-9080/3F



CM-9180PTE

#### Specifications

|                 |  |
|-----------------|--|
| Voltage:        | 12/24 VDC  |
| Contact Type:   | <b>CM-9080/9180:</b><br>DPDT Momentary<br><b>CM-9090/9190:</b><br>DPDT Maintained  |
| Contact Rating: | 6A @ 30 VDC  |
| Std. Finish:    | Brushed Aluminum   |
| Dimensions:     | <b>CM-9000 Series:</b><br>4-1/2"H x 2-3/4"W x 1-1/8"D<br>(114mm x 70mm x 28mm)<br><b>CM-9100 Series:</b><br>4-1/2"H x 1-3/4"W x 1-1/8"D<br>(114mm x 44mm x 28mm) |

#### OPTIONS (Add suffix to model above)

##### Faceplate Graphic Options (Note: All faceplate graphics are black)



CX-xx/2



CX-xx/3



CX-xx/3F



CX-xx/3S



CX-xx/7



CX-xx/7F



CX-xx/8



CX-xx/E



# VANDAL RESISTANT PUSH BUTTONS

## DOOR ACTIVATION DEVICES

### CM-9600 / 9610 SERIES: ILLUMINATED PIEZO ELECTRIC PUSH / EXIT SWITCHES



*CM-9600 and CM-9610 Series flush mount illuminated piezo push switches offer high visibility and weather/vandal resistance. The units feature a heavy duty stainless steel faceplate and an adjustable 40 second timer.*

*CM-9600 is single gang width (2-3/4") and CM-9610 is only 1-3/4" wide, perfect for door frames or narrow areas. The large 1" round diameter button is easy to activate with a light tap. Illumination and power relay is 12 to 24 VDC.*

*Switch illumination is jumper selectable and may be set for On, Off, Green to Red, Red to Green or non-lit operation. Field selectable for N/O or N/C output, and fail safe/fail secure operation.*



CM-9600/7



CM-9610/3

#### Features

- Rugged stainless steel face plate
- Red and/or green illumination
- Fail safe/non fail safe selectable
- N/O & N/C outputs
- Integrated adjustable 40 second timer
- Optional cable for remote activation
- Lifetime 'Camden Tough' warranty with '2 for 1' replacement

#### SINGLE GANG FACEPLATE

|         |   |
|---------|---|
| CM-9600 | Illuminated piezo electric push button, blank faceplate |
|---------|---|

#### NARROW / JAMB FACEPLATE

|         |   |
|---------|---|
| CM-9610 | Illuminated piezo electric push button, blank faceplate |
|---------|---|

#### Specifications

|                 |  |
|-----------------|--|
| Voltage:        | 12/24 VDC  |
| Contact Rating: | 2A @ 30 VDC  |
| Contact Type:   | 1 x N/C, 1 x N/O   |
| Time Delay:     | 1 - 40 seconds   |
| Temp Range:     | -40°F to +180°F<br>(-40°C to +82°C)  |
| Std. Finish:    | US32/C32D  |
| Dimensions:     | <b>Single Gang:</b><br>4-1/2"H x 2-3/4"W x 1-1/2"D<br>(114mm x 70mm x 38mm)<br><b>Narrow / Jamb:</b><br>4-1/2"H x 1-3/4"W x 1-1/2"D<br>(114mm x 45mm x 38mm) |

#### Remote Activation / Control

|          |   |
|----------|---|
| CM-9600C | Cable for remote activation / control of switch LED |
|----------|---|

#### OPTIONS (Add suffix to model above)

##### Faceplate Graphic Options (Note: All faceplate graphics are black)

PUSH  
TO OPEN

CX-xx/3

POUSSEZ  
POUR  
OUVRIR

CX-xx/3F

EMPUJE  
PARA  
ABRIR

CX-xx/3S

PUSH  
TO EXIT

CX-xx/7

POUSSEZ  
POUR  
SORTIR

CX-xx/7F

PUSH  
TO LOCK

CX-xx/8

### CM-9700 / 9710 SERIES: 2" PIEZO ELECTRIC PUSH / EXIT SWITCHES



*CM-9700 and CM-9710 Series surface mount piezoelectric push/exit switches are virtually impervious to weather and vandalism due to their unique one-piece aluminum construction and non-moving part design. The switches do not require power to operate.*

| Features   |  |
|--|--|
| <ul style="list-style-type: none"> <li>One piece aluminum construction</li> <li>No moving parts; virtually impervious to vandalism</li> <li>Lifetime 'Camden Tough' warranty with '2 for 1' replacement</li> </ul> | <ul style="list-style-type: none"> <li>3 labels included:<br/>'U' models with English &amp; Spanish labels, 'C' models with English &amp; French labels</li> <li>No power required to operate</li> </ul> |

| SINGLE GANG FACEPLATE   |  |
|-------------------------|--|
| CM-9700U                | Switch with 3 English and Spanish labels ('PUSH TO EXIT', 'EMPUJE PARA ABRIR', wheelchair symbol)  |
| CM-9700C                | Switch with 3 English and French labels ('PUSH TO EXIT', 'POUSSEZ POUR SORTIR', wheelchair symbol) |
| NARROW / JAMB FACEPLATE |  |
| CM-9710U                | Switch with 3 English and Spanish labels ('PUSH TO EXIT', 'EMPUJE PARA ABRIR', wheelchair symbol)  |
| CM-9710C                | Switch with 3 English and French labels ('PUSH TO EXIT', 'POUSSEZ POUR SORTIR', wheelchair symbol) |

### Specifications

|                 |  |
|-----------------|--|
| Voltage:        | 0 to 40 VDC  |
| Current Rating: | 200mA Typical<br>400mA Maximum   |
| Output:         | Solid State N/O  |
| Resistance:     | "ON" Less than 50 Ohms<br>"OFF" Greater than 5 Ohms  |
| Switch Type:    | Momentary  |
| Temp Range:     | -40°F to +180°F<br>(-40°C to +82°C)  |
| Protection:     | IP68   |
| Std. Finish:    | Brushed Aluminum   |
| Dimensions:     | <b>Single Gang:</b><br>4-1/2"H x 2-3/4"W x 7/8"D<br>(114mm x 70mm x 22mm)<br><b>Narrow / Jamb:</b><br>4-1/2"H x 1-3/8"W x 7/8"D<br>(114mm x 35mm x 22mm) |

**NOTE:** This switch is intended for connection to 'low load' automatic door operators or access control systems. An external relay is typically required for connection to 'high loads', such as electric strikes and magnetic locks.



CM-9700U



CM-9700C



CM-9710U



CM-9710C

'U' and 'C' versions include these message labels.



# VANDAL RESISTANT PUSH BUTTONS

## DOOR ACTIVATION DEVICES

### CM-9800 SERIES: SURFACE MOUNT LED ILLUMINATED PUSH / EXIT SWITCH



**CM-9800 Series** surface mount capacitive touch switches, with LED illumination, are vandal and weather resistant with an IP 66 rating. The unit features a cast metal design and an adjustable 0 to 60 second relay timer. The CM-9800 has an external input, so that the switch illumination may be activated by either the switch status or the door (locked) status.

The large surface area of the capacitive switch is easy to activate, with a light touch, and the large LED light illumination enables the switch to be highly visible in low light conditions.



CM-9800/7

#### Specifications

|                        |   |
|------------------------|---|
| Input Voltage:         | 12-24V AC/DC  |
| Current Draw:          | Max. 65mA   |
| Relay Output :         | 2A @ 24 VDC / 120 VAC                                 |
| Set Relay Time :       | 0.5 - 60 seconds /Toggle (On/Off)                     |
| Indicators-LED:        | Orange, Red, Green                                    |
| Led Control:           | Yes, by Dip Switch                                    |
| Tamper:                | Yes   |
| Backlight On/Off:      | Yes, by Dip Switch                                    |
| Buzzer On/Off:         | Yes, by Dip Switch                                    |
| Operating Temperature: | -4°F to 122°F (-20°C to 50°C)                         |
| Housing:               | Die-Cast Aluminum Alloy                               |
| Protection:            | IP66  |
| Dimensions:            | 4-9/16"H x 3-3/8"W x 13/16"D<br>(116mm x 86mm x 21mm) |

#### Features

- Capacitive Touch Technology
- ROHS Compliant
- Weather and Vandal Resistant, Rated IP66
- Heavy Duty 2 Amp Contacts, Form 'C'
- LED Light Ring, Red/Green/Orange/None
- Switch Status or Door Status Illumination (External Input)
- 'Hold Open' Relay Timer, Selectable 0 – 60 Seconds
- Tamper Alarm, Selectable On/Off

#### MODELS

|           |  |
|-----------|--|
| CM-9800/3 | Illuminated Capacitive Surface Mount Push to Open Switch, 'Push Open', Black |
| CM-9800/7 | Illuminated Capacitive Surface Mount Push to Exit Switch, 'Push Exit', Black |



# ROCKER SWITCHES

### CM-800 SERIES: ROCKER SWITCHES

**CM-800 Series** remote door release switches are surface mount switches available in either weather resistant aluminum boxes or low profile plastic cases. Ideal for mounting under desks, counters or on a wall.



CM-810



CM-840



CM-850

#### Features

- CM-810/820 models include NEMA rated enclosure
- CM-830/840/850 models include easily mounted plastic enclosures
- Economical control of door lock or signal appliance

#### MODELS

##### NEMA Enclosure

|        |                 |
|--------|-----------------|
| CM-810 | SPDT Momentary  |
| CM-820 | SPST Maintained |

##### Black Plastic

|        |                 |
|--------|-----------------|
| CM-830 | SPDT Momentary  |
| CM-840 | SPST Maintained |

##### Beige Plastic

|        |                |
|--------|----------------|
| CM-850 | SPDT Momentary |
|--------|----------------|

#### Specifications

|                 |   |
|-----------------|---|
| Voltage:        | 12-24 VDC   |
| Switch Type:    | Momentary / Maintained  |
| Current Rating: | <b>CM-810/820/830/840:</b> 20 Amps<br><b>CM-850:</b> 10 Amps  |
| Switch Life:    | 100,000 cycles  |
| Dimensions:     | <b>CM-810/820:</b><br>2-1/2"H x 2-1/4"W x 1-3/8"D<br>(63mm x 57mm x 35mm)<br><b>CM-830/840:</b><br>2-7/8"H x 1-1/2"W x 3/4"D<br>(73mm x 38mm x 19mm)<br><b>CM-850:</b><br>2-3/8"H x 2-3/8"W x 1/2"D<br>(60mm x 60mm x 13mm) |

### CM-250 SERIES: NARROW STAINLESS STEEL FACEPLATES



CM-250 Series push switches are light-duty, ADA-compliant door controls. Designed to control electric locks & strikes, magnetic locks, automatic pedestrian & overhead doors, the switches feature a stainless steel faceplate and the assembly is designed for easy installation. The SPDT switches are rated 15 Amps @ 30 VDC.

#### Features

- 1" Red button - requires minimal actuation force
- Stainless steel faceplate in vertical or horizontal configurations
- Available with a variety of messages and logos



CM-250/8



CM-250/2H

#### NARROW / JAMB FACEPLATE

|        |                                       |
|--------|---------------------------------------|
| CM-250 | Switch with stainless steel faceplate |
|--------|---------------------------------------|

#### OPTIONS (Add suffix to model above)

##### Faceplate Graphic Options



CM-xx/2



CM-xx/2H



CM-xx/3



CM-xx/3H



CM-xx/3F



CM-xx/3S



CM-xx/4



CM-xx/4H



CM-xx/4F



CM-xx/7



CM-xx/7F



CM-xx/8

#### Specifications

|                 |  |
|-----------------|--|
| Voltage:        | 12/24 VDC  |
| Contact Type:   | SPDT Form 'C'  |
| Contact Rating: | 15A @ 30 VDC   |
| Switch Type:    | Momentary  |
| Std. Finish:    | US32 / C32D  |
| Dimensions:     | 4-1/2"H x 1-5/8"W x 1-11/32"D<br>(114mm x 41mm x 32mm) |



# PUSH BUTTON PARTS

## DOOR ACTIVATION DEVICES

### PARTS FOR PUSH BUTTONS

Whether you need a push button part for a special application or for service, Camden offers a complete line of contacts, bulbs, buttons, faceplates and tamperproof screws.

| SCREWS / BITS             |   |             |  |
|---------------------------|---|-------------|--|
| CM-1000/80                | Torx security screws                                      | CM-1000/81  | Torx security screws (box of 100)                              |
| CM-1000/90                | Snake eye tamper proof screws (spanner head)              | CM-1000/91  | Snake eye tamper proof screws (box of 100)                     |
| GASKETS                   |   |             |  |
| CM-1000/21                | Single gang neoprene gasket                               | CM-2000/21  | Narrow neoprene gasket   |
| FACEPLATES                |   |             |  |
| CM-3000/40                | Single gang brushed aluminum                              | CM-3000/45  | Jamb width, brushed aluminum finish                            |
| REPLACEMENT LED BULBS     |   |             |  |
| CM-3000/37                | Red bulb, 12/24V (for CM-3000 Series)                     | CM-3000/37G | Green bulb, 12/24V (for CM-3000 Series)                        |
| CONTACT BLOCKS / SWITCHES |   |             |  |
| CM-4000/60N               | Additional N/O circuit for CM-3000 - 8000                 | CM-4000/61N | Additional N/C circuit for CM-3000 - 8000                      |
| CM-4000/50N               | N/O switch block & contact (CM-3000 - 8000)               | CM-4000/51N | N/C switch block & contact (CM-3000 - 8000)                    |
| CM-4000/54N               | N/O & N/C switch block (CM-3000 - 8000)                   | CM-45/10    | N/O & N/C switch (CM-40, 41, 45, 60 series) rated 15A @ 20 VDC |
| CM-45/20                  | DPDT switch (CM-40, 41, 45, 60 series) rated 15A @ 20 VDC |             |  |
| BUTTONS                   |   |             |  |
| CM-3000/10N               | Red Illuminated mushroom (1-5/8")                         | CM-5000/20N | Blue mushroom (2-3/8"), Spring Return                          |
| CM-3000/15N               | Red Illuminated mushroom (1-5/8"), Push/Pull              | CM-5000/30N | Green mushroom (2-3/8"), Spring Return                         |
| CM-3000/30N               | Green Illuminated mushroom (1-5/8")                       | CM-6000/10N | Red, locking palm, (2-3/8"), w/ keys                           |
| CM-3000/34N               | Green Illuminated mushroom (1-5/8"), Push/Pull            | CM-7000/10N | Red, round flush (1")  |
| CM-4000/10N               | Red mushroom (1-5/8"), Spring Return                      | CM-7000/30N | Green, round flush (1")  |
| CM-4000/15N               | Red mushroom (1-5/8"), Push/Pull                          | CM-8000/10N | Red, round extended (1")                                       |
| CM-4000/20N               | Blue mushroom (1-5/8"), Spring Return                     | CM-8000/30N | Green, round extended (1")                                     |
| CM-4000/30N               | Green mushroom (1-5/8"), Spring Return                    | CM-9000/10N | Steel flush (7/8") momentary                                   |
| CM-5000/10N               | Red mushroom (2-3/8"), Spring Return                      | CM-9000/15N | Steel flush (7/8") maintained                                  |
| CM-5000/15N               | Red mushroom (2-3/8"), Push/Pull                          |             |  |
| 1/4" (6.3mm) LEDs         |   |             |  |
| CM-7012                   | Red LED 12V   | CM-7412     | Amber LED 12V  |
| CM-7024                   | Red LED 24V   | CM-7424     | Amber LED 24V  |
| CM-7112                   | Green LED 12V   | CM-7612     | Bi-Colored LED 12V   |
| CM-7124                   | Green LED 24V   | CM-7624     | Bi-Colored LED 124V  |



CM-45/10



LEDs



CM-3000/40  
(LEDs optional)



CM-3000 Series



CM-7000 Series



CM-8000 Series

# CAN'T TOUCH THIS!

More than a single product line, Camden offers the industry's widest range of no-touch switch models to supply the best solution for any project – from new construction to retrofit!



## **CM-336 SERIES:** SureWave™ Battery Powered No-Touch Wireless Switches

- Up to 4 year alkaline battery life
- Up to 300ft wireless range
- A selection of narrow, square and round faceplates
- Retrofit mounting box conversion kits

*Page 61*



## **CM-7536VR SERIES:** Push Plate Column™ Switches with Illuminated No-Touch Sensor

- Meets code requirement for 'high/low' switches
- Built-in active infrared sensor
- Red/Green illumination

*Page 75*



## **CM-221M/46**

Illuminated No-Touch Switch with Manual Override

*Page 64*

Learn more about how Camden no-touch products are your best choice for any access control or automatic door application!



# HANDS-FREE SWITCHES

## DOOR ACTIVATION DEVICES

### ACTIVE INFRARED HANDS-FREE SWITCHES

*SureWave™ touchless switches include exclusive features not available elsewhere, including an extended range (up to 6 ft.), the option for wireless or hybrid wireless / wired operation and 'short range' activation designed to reduce false activation from highly reflective surfaces! CM-333 and CM-336 models are supplied with (2) 'AA' alkaline batteries.*

**Outdoor Applications:** Lithium batteries recommended for environments below 32°F (0°C). Rain Hood recommended when installed with direct exposure to rain or snow.



#### Specifications - All Models

|             |                                  |
|-------------|----------------------------------|
| Technology: | Active Infrared with Micro Burst |
| Temp Range: | -4°F to 153°F (-20°C to +85°C)   |
| Security:   | Fail Secure or Fail Safe         |

#### Hands-Free Features

- A wide range of wired, wireless and battery powered models
- Adjustable operating range 1" - 6 ft.
- Adjustable time delay
- Super-fast activation response
- Heavy duty relays, for use with all automatic operators and electrified locks
- Narrow, single or double gang faceplates, stainless steel or polycarbonate

**NOTE:** See page 62 for faceplate, graphic and light ring options

### CM-331: WIRED, 1 RELAY

#### Features

- Standard Operating range, 1" - 28"
- Extended Range up to 6 ft.
- Adjustable time delay 1 - 30 seconds
- (5) Selectable operating modes
- Inputs for REX and door contact
- Option for light ring (stainless steel faceplates only)
- Option for plug-in wireless transmitter

#### MODEL

|        |  |
|--------|--|
| CM-331 | Hands-free switch, wired, with 1 relay |
|--------|--|



#### Specifications

|                  |   |
|------------------|---|
| Sensors: (2)     | Voltage: 12/24V AC/DC   |
| Current Draw:    | 40mA  |
| Relay Outputs:   | (1) Form 'C', 3A @ 30 VDC   |
| Active Output:   | 9-12V   |
| Inputs:          | REX and Door Contact  |
| Operating Modes: | Momentary, Momentary with Alarm, Maintained, Toggle, Extended Range |

### CM-332: WIRED, 2 RELAY

#### Features

- Advanced switch with Door Control Functions
- Standard operating range, 1" - 28"
- Extended Range up to 6 ft.
- Adjustable time delay 1 - 30 seconds
- (7) Selectable operating modes
- Inputs for REX and door contact
- Option for light ring (stainless steel faceplates only)
- Option for plug-in wireless transmitter

#### MODEL

|        |   |
|--------|---|
| CM-332 | Hands-free switch, wired, with 2 relays |
|--------|---|



#### Specifications

|                  |   |
|------------------|---|
| Sensors: (2)     | Voltage: 12/24V AC/DC   |
| Current Draw:    | 40mA  |
| Relay Outputs:   | (2) Form 'C', 3A @ 30 VDC   |
| Active Output:   | 9-12V   |
| Inputs:          | REX and Door Contact  |
| Operating Modes: | Momentary, Momentary with Alarm, Maintained, Toggle, Security, Extended Range, and Sequence |



## DOOR ACTIVATION DEVICES

## CM-333: HYBRID, BATTERY POWERED, 1 RELAY

| Features  |  |
|---|--|
| <ul style="list-style-type: none"> <li>• Ideal for retrofit applications using existing wires (only 2 conductors)</li> <li>• Long battery life using standard Alkaline batteries</li> </ul> | <ul style="list-style-type: none"> <li>• Standard operating range, 1" - 12"</li> <li>• Adjustable time delay 1 - 30 seconds</li> <li>• Input for Request to Exit or Door Contact</li> <li>• Fail Safe/Non-Fail Safe operation</li> </ul> |

| MODEL  |   |
|--------|---|
| CM-333 | Hands-free switch, battery powered, 1 relay |



## Specifications

|                  |   |
|------------------|---|
| Sensors:         | (1)   |
| Batteries:       | (2) 'AA' Alkaline (supplied)<br>(2) 'AA' Lithium Batteries (optional) |
| Battery Life:    | 2 yrs (100 operations per day)  |
| Relay Outputs:   | (1) Form 'C', 3A @ 30 VDC   |
| Input:           | Request to Exit or Door Contact                                       |
| Operating Modes: | Momentary, Momentary with Alarm, Maintained (Latching)                |

## CM-336: BATTERY POWERED, WIRELESS

| Features  |   |
|---|---|
| <ul style="list-style-type: none"> <li>• Ideal where switch is difficult / expensive to wire</li> <li>• Industry-leading 4 year battery life using standard Alkaline batteries</li> </ul> | <ul style="list-style-type: none"> <li>• Low battery &amp; battery test features</li> <li>• Standard operating range, 1" - 12"</li> <li>• Requires CM-RX-90/91/92 wireless receiver</li> <li>• Input for Request to Exit or Door Contact</li> </ul> |

| MODEL  |  |
|--------|--|
| CM-336 | Hands-free switch, battery powered, wireless |



## Specifications

|                   |   |
|-------------------|---|
| Sensors:          | (1)   |
| Batteries:        | (2) 'AA' Alkaline (supplied)<br>(2) 'AA' Lithium Batteries (optional) |
| Battery Life:     | 4 yrs (100 operations per day)  |
| Input:            | Request to Exit or Door Contact                                       |
| Output Frequency: | 905.25 / 915.25 / 925.25 MHz.<br>(Spread Spectrum)                    |
| Operating Mode:   | Momentary   |

| SWITCH KITS   |   |
|---------------|---|
| CM-SK336/42SN | (2) CM-336/42N narrow stainless steel switch, 'Wave to Open' black graphics, (2) CM-23DSER surface box with extension ring, (1) CM-RX-90v2 relay receiver |
| CM-SK336/42S  | (2) CM-336/42S single gang stainless steel switch, 'Wave to Open' black graphics, (2) CM-34BL surface box, (1) CM-RX-90v2 relay receiver                  |
| CM-SK336/42SW | (2) CM-336/42SW double gang stainless steel switch, 'Wave to Open' black graphics, (2) CM-43CBLA surface box, (1) CM-RX-90v2 relay receiver               |
| CM-SK336/42R  | (2) CM-336/42R 6" round stainless steel switch, 'Wave to Open' black graphics, (2) CM-69SER Surface Box, (1) CM-RX-90v2 relay receiver                    |

**NOTE:** See page 62 for faceplate, graphic and light ring options

## CM-324: 'ORIGINAL' MODEL

| Features  |  |
|---|--|
| <ul style="list-style-type: none"> <li>• Standard operating range, 3" - 26"</li> <li>• Adjustable time delay 1 - 5 seconds</li> </ul> | <ul style="list-style-type: none"> <li>• Proven performance over tens of thousands of installations</li> </ul> |

| MODEL  |  |
|--------|--|
| CM-324 | 'Original' Hand-free switch, wired, with 1 relay |



## Specifications

|                  |                           |                       |
|------------------|---------------------------|-----------------------|
| Sensors:         | (2)                       | Voltage: 12/24V AC/DC |
| Current Draw:    | 60mA                      |                       |
| Relay Outputs:   | (1) Form 'C', 5A @ 30 VDC |                       |
| Operating Modes: | Momentary                 |                       |





# HANDS-FREE SWITCHES

## DOOR ACTIVATION DEVICES

### CM-325: 'SHORT RANGE' MODEL

#### Features

- Designed to eliminate false activations from highly reflective surfaces, commonly found in healthcare applications
- Adjustable time delay 1 - 5 seconds
- Operating range :
  - 2" (51mm) minimum (Hand)
  - 12" (304mm) maximum (Hand)
  - 18" (457mm) maximum (Mirror)

#### MODEL

|        |   |
|--------|---|
| CM-325 | 'Short Range' Hand-free switch, wired, with 1 relay |
|--------|---|



#### Specifications

|                  |                           |
|------------------|---------------------------|
| Sensors: (1)     | Voltage: 12/24V AC/DC     |
| Current Draw:    | 60mA                      |
| Relay Outputs:   | (1) Form 'C', 5A @ 30 VDC |
| Operating Modes: | Momentary                 |

### ALL HANDS-FREE SWITCH MODEL OPTIONS

NOTE: Unless specified, single gang polycarbonate faceplate will be supplied.

#### Faceplate Material

|         |                           |
|---------|---------------------------|
| CM-xxxS | Stainless Steel Faceplate |
|---------|---------------------------|

#### Faceplate Size Options - No Illumination

|          |   |
|----------|---|
| CM-xxx/N | Narrow Faceplate. Rubber gasket supplied. CM-324, 325, 331 & 332 Series narrow switches are compatible with CM-23D narrow jamb surface box. CM-336 Series narrow switches and CM-331, 332 & 336 Series narrow switches with optional CM-TX-99 plug-in wireless transmitter require CM-23DSER 1-7/8" deep surface box. |
| CM-xxx/W | Double Gang Faceplate. Rubber gasket supplied for weather/water resistant applications. Compatible surface mounting box CM-43CBLA   |
| CM-xxx/R | 6" Round Stainless Steel Faceplate. Mounts on single gang in-wall box, CM-69SER surface round box or CM-79A semi-flush escutcheon. Not water resistant  |

#### Light Ring

|             |  |
|-------------|--|
| CM-xxx-SGLR | Red / Green / Blue selectable. Supplied with stainless steel faceplate |
|-------------|--|

#### Lithium Batteries

|          |   |
|----------|---|
| CX-xxxL1 | Add suffix 'L1' for (2) 'AA' Lithium Batteries in place of (2) Alkaline |
| CM-LP1   | (2) 'AA' lithium battery pack   |

#### Wireless Options

|          |  |
|----------|--|
| CM-TX-99 | 915Mhz. plug-in transmitter for CM-331 & 332 series switches |
| CM-RX-90 | Advanced, Compact Single Relay Receiver                      |

#### FACEPLATE GRAPHIC OPTIONS (Add suffix to model above)



CM-XXX/40



CM-XXX/41



CM-XXX/42



CM-XXX/43



CM-XXX/44



Polycarbonate  
(standard option)



Stainless Steel  
(CM-XXX/S)



Narrow  
(CM-XXX/N)



Single Gang  
(standard option)



Double Gang  
(CM-XXX/W)



6" Round  
(CM-XXX/R)



Single Gang  
Faceplate &  
Light Ring  
(SSGLR)



## MOUNTING BOXES

| COMPATIBLE SUREWAVE™ MOUNTING BOXES                         |   |
|---|---|
| CM-23D  | Narrow (Jamb) width surface box, ABS, 1-3/4"W x 4-1/2"H x 1-1/2"D.<br>Not compatible with CM-333 or CM-336 SureWave™ battery powered touchless switches |
| CM-23DSER   | Narrow (Jamb) width surface mount box with 3/8" extension ring, ABS,<br>1-3/4"W x 4-5/8"H x 2-1/16"D. For use with CM-333 & CM-336 SureWave™ switches   |
| CM-34BL   | Single gang surface box, ABS, 2-3/4"W x 4-1/2"H x 1-3/4"D   |
| CM-43CBLA   | Double gang surface mounting box, ABS, 4-1/2"W x 4-1/2"H x 2"D  |
| CM-69SER  | 6" round surface box, ABS, 6-1/2"W x 2-5/8"D  |
| CM-79AK   | 6" round semi-flush escutcheon, mounts to existing in-wall single/double gang or 4x4 boxes  |
| CM-RH-SG  | Stainless steel, single gang rain hood  |
| CM-RH-DG  | Stainless steel, double gang rain hood  |
| SUREWAVE™ / VALUEWAVE™ SURFACE MOUNTING BOX CONVERSION KITS |   |
| CM-54i-ADP1   | Aura™ CM-54i or CM-55i box conversion to accept SureWave™ double gang switch  |
| CM-43CBL-ADP1   | CM-43CBL box conversion to accept SureWave™ double gang switch  |
| CM-43CBL-ADP2   | CM-43CBL box conversion to accept ValueWave™ double gang switch   |
| CM-43LP-ADP1  | CM-43LP box conversion to accept ValueWave™ double gang switch  |



CM-23D



CM-23DSER



CM-34BL



CM-43CBLA



CM-79AK



CM-69SER



CM-RH-SG



CM-RH-DG

# Stainless Steel Rain Hoods for Any Outdoor Application

**CM-RH-SG**  
Single Gang

**CM-RH-DG**  
Double Gang





# HANDS-FREE SWITCHES

## DOOR ACTIVATION DEVICES

### CM-221 & CM-222 SERIES: VALUEWAVE™ TOUCHLESS SWITCHES

ValueWave™ 12/24 VDC touchless switches with 1 relay are IP 65 rated for indoor or outdoor use, and are ideal for use in automatic door or access control systems. These **no-touch switches** are designed for easy installation and trouble-free service in high traffic applications.

Available in narrow, single and double gang stainless steel faceplates with a selection of faceplate graphics. ValueWave™ hands free switches are water resistant and offer a built-in light ring standard. Now available with an optional manual override switch.



#### Features

- Adjustable sensor range 2" to 8" (5 to 20 cm)
- Adjustable time delay (0.5 to 20 seconds) and toggle operation
- Red/green or blue/green light ring with switch or remote activation
- Weather/water resistant, IP 65 rated
- Single, narrow and double gang stainless steel faceplates
- Selection of faceplate laser etched graphics, resistant to cleaners
- (1) Form 'C' contact, 1A @ 30 VDC
- Option for manual 'override' switch

#### MODELS (RED/GREEN ILLUMINATION)

##### 'WAVE TO OPEN' ValueWave™ CM-221 Graphics

|             |   |
|-------------|---|
| CM-221/A42  | Single Gang, Compatible Surface Mounting Box CM-34BL  |
| CM-221/A42N | Narrow (Jamb), Compatible Surface Mounting Box CM-23D |
| CM-221/A42W | Double Gang, Compatible Surface Mounting Box CM-53    |

##### 'WAVE TO EXIT' ValueWave™ CM-221 Graphics

|            |   |
|------------|---|
| CM-221/46  | Single Gang, Compatible Surface Mounting Box CM-34BL  |
| CM-221/46N | Narrow (Jamb), Compatible Surface Mounting Box CM-23D |
| CM-221/46W | Double Gang, Compatible Surface Mounting Box CM-53    |

##### 'WAVE TO EXIT' ValueWave™ with Manual 'Override' CM-221 Graphics

|            |  |
|------------|--|
| CM-221M/46 | Switch w/ Manual 'Override', Single Gang, Comp. Surface Mounting Box CM-34BL |
|------------|--|

#### MODELS (BLUE/GREEN ILLUMINATION)

##### 'WAVE TO OPEN' ValueWave™ CM-222 Graphics

|             |   |
|-------------|---|
| CM-222/A42  | Single Gang, Compatible Surface Mounting Box CM-34BL  |
| CM-222/A42N | Narrow (Jamb), Compatible Surface Mounting Box CM-23D |
| CM-222/A42W | Double Gang, Compatible Surface Mounting Box CM-53    |

##### 'WAVE TO EXIT' ValueWave™ CM-222 Graphics

|            |   |
|------------|---|
| CM-222/46  | Single Gang, Compatible Surface Mounting Box CM-34BL  |
| CM-222/46N | Narrow (Jamb), Compatible Surface Mounting Box CM-23D |
| CM-222/46W | Double Gang, Compatible Surface Mounting Box CM-53    |

#### Power Supply Option

|     |   |
|-----|---|
| -P3 | Add '-P3' to CM-221 Series model # for a CX-PS13v3 Linear Power Supply. Provides filtered regulated 12/24V AC/DC Power. |
|-----|---|

#### Specifications

|                 |  |
|-----------------|--|
| Voltage:        | - 12 - 24 VDC ± 10%  |
|                 | - Filtered, regulated DC power supply required                                   |
|                 | - Connection of AC / DC voltage above specified range will void product warranty |
| Current:        | 45 mA (peak)   |
| Response Time:  | 10ms   |
| Temp Range:     | 14°F to 122°F (-10°C to +50°C)   |
| Contact Rating: | 1A @ 30 VDC  |
| Contacts:       | Common / N.O. / N.C.   |

#### Faceplate Graphic Options



CM-XXX/A42



CM-XXX/46



## HANDS-FREE SWITCH SELECTION CHART

| FEATURES  | CM-221°<br>CM-222 | CM-324   | CM-325   | CM-331*  | CM-332*  | CM-333   | CM-336*  |
|---|-------------------|----------|----------|----------|----------|----------|----------|
| Polycarbonate or Stainless Steel Faceplate  | No                | Yes      | Yes      | Yes      | Yes      | Yes      | Yes      |
| 6" Stainless Steel Faceplate  | No                | Yes      | Yes      | Yes      | Yes      | Yes      | Yes      |
| Faceplate Graphic Options   | 2                 | 5        | 5        | 5        | 5        | 5        | 5        |
| Selectable Fail Safe / Non-Fail Safe  | No                | Yes      | Yes      | Yes      | Yes      | Yes      | Yes      |
| Sensor Range  | 2" - 8"           | 3" - 28" | 1" - 12" | 3" - 28" | 3" - 28" | 1" - 12" | 1" - 12" |
| 12V - 24V AC/DC   | DC                | Yes      | Yes      | Yes      | Yes      |          |          |
| Battery Powered (2) 'AA'  |                   |          |          |          |          | Yes      | Yes      |
| Option for Lithium Batteries  |                   |          |          |          |          | Yes      | Yes      |
| (1) Form 'C' Relay, 3A @ 30 VDC   | 1A @ 30 VDC       | Yes      | Yes      | Yes      |          | Yes      |          |
| (2) Form 'C' Relay, 3A @ 30 VDC   |                   |          |          |          | Yes      |          |          |
| 1 - 5 Second Time Delay   |                   | Yes      | Yes      |          |          |          |          |
| 1 - 30 Second Time Delay  | 0.5 - 20 sec      |          |          | Yes      | Yes      | Yes      | Yes*     |
| Momentary, Momentary with Alarm & Maintained Relays                               |                   |          |          | Yes      | Yes      | Yes      |          |
| 7 Modes, Including Above, Security, Extended Range and Sequence (2 Relay Devices) |                   |          |          |          | Yes      |          |          |
| 915Mhz. Wireless - Built In   |                   |          |          |          |          |          | Yes      |
| 915Mhz. Wireless - Plug In Module   |                   |          |          | Yes*     | Yes*     |          |          |
| REX Input   |                   |          |          | Yes*     | Yes*     | Yes*     | Yes      |
| Door Contact Input  |                   |          |          | Yes      | Yes      | Yes      | Yes      |
| Active Output, 9 - 12V  |                   |          |          | Yes      | Yes      | Yes      | Yes      |
| Light Ring, Door Position or Lock Status (SS Faceplate Only)                      |                   |          |          | Yes      | Yes      |          |          |
| Option for Manual 'Override' Switch   | Yes°              |          |          |          |          |          |          |
| * CM-RX-90, CM-RX-91 or CM-RX-92 Wireless Receiver Required                       |                   |          |          |          |          |          |          |



# PULL STATIONS

## DOOR ACTIVATION DEVICES

### CM-700 SERIES: 'UNIVERSAL' BLUE PULL STATIONS



*CM-700 Series pull stations meet the stringent demands of emergency pull station controls. They are designed for single gang mounting and protrude only 3/4" from the wall. Pull stations are easily reset with a small screwdriver. Ideal solution for door release and emergency exit doors applications. Not rated for fire alarm applications.*



CM-701

CM-701SO



CM-701SO-PC

### Specifications

Construction: Extruded aluminum

Contact Rating: 1A @ 30 VDC

Mounting: Single gang electrical box

Sounder: 85dB @ 4" (10cm)  
40mA @ 12 VDC

Dimensions: 4-1/2"H x 3-1/4"W x 1-3/8"D  
(114mm x 82mm x 35mm)

**NOTE:** Switch configurations indicated are when the pull station cover is closed/reset. When pull stations are released, switch contacts will be opposite to those indicated above.

#### Features

- Ideal for use with magnetic locks in access control applications
- Heavy duty vandal resistant design
- English, French and Spanish labels included
- Available with N/O, N/C or both N/O and N/C switches
- Convenient wiring terminal
- Standard single gang mount
- Optional built-in local alarm sounder
- Optional clear lift cover
- 3 year warranty

#### 'UNIVERSAL' BLUE PULL STATIONS

|         |   |
|---------|---|
| CM-701U | (1) x N/C, 'Universal' Labels Include: (1) 'Pull for Door Release', (1) 'Pull for Emergency Door Release', (1) English and (1) French/English Bilingual 'Pull in Case of Emergency', (1) Spanish 'Pull in Case of Emergency'.             |
| CM-702U | (2) x N/C, 'Universal' Labels Include: (1) 'Pull for Door Release', (1) 'Pull for Emergency Door Release', (1) English and (1) French/English Bilingual 'Pull in Case of Emergency', (1) Spanish 'Pull in Case of Emergency'.             |
| CM-703U | (1) x N/C + (1) X N/O, 'Universal' Labels Include: (1) 'Pull for Door Release', (1) 'Pull for Emergency Door Release', (1) English and (1) French/English Bilingual 'Pull in Case of Emergency', (1) Spanish 'Pull in Case of Emergency'. |

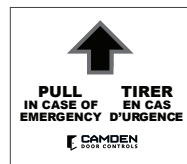
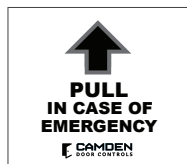
#### 'UNIVERSAL' BLUE PULL STATION WITH SOUNDER

|          |  |
|----------|--|
| CM-701SO | (1) N/C, 'Pull for Door Release', with local alarm sounder |
|----------|--|

#### LIFT COVER OPTION

|           |                                     |
|-----------|-------------------------------------|
| CM-XXX-PC | For Clear Lift Cover, add suffix PC |
|-----------|-------------------------------------|

#### 'Universal' Labels Included





## DOOR ACTIVATION DEVICES

### CM-RQE70 SERIES: PIR 'REQUEST TO EXIT' DETECTORS

*CM-RQE70 Series 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.*

#### 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
- On-board wiring terminal models
- Momentary and latching relay modes
- Selectable Fail Safe/Fail Secure
- (2) Form 'C' contacts (DPDT)
- Secondary activation device input
- Card/keypad input
- Door position switch input
- Request to exit input
- Built-in sounder (adjustable)
- Tamper switch

#### MODELS

|             |  |
|-------------|--|
| CM-RQE70A   | PIR 'Request to Exit' detector, white, with wiring terminal, white 12/24 VDC |
| CM-RQE70ABK | IR 'Request to Exit' detector, black, with wiring terminal, black 12/24 VDC  |
| CM-RQEPW    | Single gang adaptor plate (White)  |
| CM-RQEPA    | Single gang adaptor plate (Black)  |



CM-RQE70A (Shown with CM-RQEPW adaptor plate)



On-Board  
Wiring Terminal



Programming Buttons with  
Factory Default Modes



Sized to Fit  
Door Frames



UL 294 and ULC-S319  
Standards for Access Control



#### Specifications

|                               |  |
|-------------------------------|--|
| Voltage:                      | 12/24 VDC operation  |
| Current Draw:                 | 50mA (max)   |
| Relays:                       | (2) Form 'C' (DPDT)  |
| Contact Rating:               | 3A @ 30 VDC  |
| Programming:                  | On-board push buttons and status LED   |
| Modes:                        | - (4) Factory Default<br>- (1) Fully Custom<br>- Selectable Fail Safe/Fail Secure                                    |
| Coverage:                     | - Max. 10' W x 10' H<br>- Horizontal and vertical adjustment (mechanical)<br>- Sensor sensitivity/range (electronic) |
| Time Delay:                   | Adjustable, 5, 15, 30, 45 and 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 @ 12 VDC  |
| Temp Operating Range:         | 32°F - 120°F (0°C - 50°C)  |
| Humidity Range:               | 0 - 93% non-condensing   |
| Weight:                       | 0.25 lbs. (0.12kg.)  |
| Colors:                       | White or black   |
| Dimensions:                   | 1-3/4"H x 7"W x 1-3/4"D<br>(43mm x 176mm x 43mm)   |

# ALL-ACTIVE SWITCHES

## DOOR ACTIVATION DEVICES



## CM-25, CM-26CB & CM-35 SERIES: NARROW AND SINGLE GANG PUSH PLATE SWITCHES

*CM-25, CM-26CB and CM-35 Series all-active switches are heavy-duty, ADA-compliant door controls. CM-25 is designed to mount directly on a metal door frame or narrow surface box. CM-35 Series meets new OBC requirements for activation plate size and is designed for mounting on a single gang box.*

**CM-35 Series push plate switches not available with optional DPDT contacts or architectural finishes.**

### Features

- UI/CSA listed SPST N/O switch, 3A@30 VDC
- CM-25: Concealed Mounting Screws
  - Available in vertical / horizontal formats
  - Stainless steel construction
  - A wide range of graphics available
- CM-26CB: Exposed Mounting Screws
  - Vertical format only
  - Blue finish with white debossed paint filled graphics
  - '1/2', '1/4', '1/4' & '1/4' Graphic options only
  - Aluminum faceplate

### NARROW JAMB

|        |  |
|--------|--|
| CM-25  | 1-3/4" Width, Narrow switch, vertical mounting, brush stainless steel finish   |
| CM-25H | 1-3/4" Width, Narrow switch, horizontal mounting, brush stainless steel finish |

### NARROW BLUE JAMB

|         |   |
|---------|---|
| CM-26CB | 1-3/4" Width Narrow switch, blue with white graphics, exposed screws.<br>Graphic Options: '1/2', '1/4', '1/4' only. No optional finishes. |
|---------|---|

### SINGLE GANG

|        |  |
|--------|--|
| CM-35  | 2" Width Narrow push plate switch, vertical mounting, brushed stainless steel finish     |
| CM-35N | 2" Width Narrow push plate switch, single gang back plate brushed stainless steel finish |

### NO-BATTERY KINETIC BY CAMDEN™ WIRELESS NARROW & SINGLE GANG SWITCHES with built-in transmitter. Receiver required.

|          |   |
|----------|---|
| CM-25K   | 1-3/4" Width, Narrow push plate switch, vertical mounting, brush stainless steel finish   |
| CM-25HK  | 1-3/4" Width, Narrow push plate switch, horizontal mounting, brush stainless steel finish   |
| CM-26CBK | 1-3/4" Width, Narrow push plate switch, blue with white graphics, exposed screws.<br>Graphic Options: '1/2', '1/4', '1/4' only. No optional finishes. |
| CM-35K   | 2" Width Narrow push plate switch, vertical mounting, brushed stainless steel finish  |
| CM-35NK  | 2" Width Narrow push plate switch, single gang back plate brushed stainless steel finish  |



CM-25/2



CM-26CB/A4



CM-25H/2



CM-35/4



CM-35N/4

### Specifications

|              |   |              |             |
|--------------|---|--------------|-------------|
| Voltage:     | 12/24V AC/DC  | Switch Type: | Momentary   |
| Contact:     | Type: N/O SPST  | Rating:      | 3A @ 30 VDC |
| Temp Range:  | -40°F to 140°F (-40°C to +60°C)                                     |              |             |
| Std. Finish: | US32 / C32D   |              |             |
| Dimensions:  | <b>CM-25:</b> 4-1/2"H x 1-3/4"W x 1-3/16"D<br>(144mm x 44mm x 30mm) |              |             |
|              | <b>CM-35:</b> 4-1/2"H x 2-3/4"W x 1-3/16"D<br>(144mm x 70mm x 30mm) |              |             |

### OPTIONS (Add suffix to model above)

#### Faceplate Graphic Options

|         |         |          |           |           |         |          |         |          |           |           |          |         |          |
|---------|---------|----------|-----------|-----------|---------|----------|---------|----------|-----------|-----------|----------|---------|----------|
|         |         |          |           |           |         |          |         |          |           |           |          |         |          |
| CM-xx/1 | CM-xx/2 | CM-xx/A2 | CM-xx/2AL | CM-xx/2AR | CM-xx/3 | CM-xx/3F | CM-xx/4 | CM-xx/A4 | CM-xx/4AL | CM-xx/4AR | CM-xx/4F | CM-xx/8 | CM-xx/8B |

#### Architectural Finishes (Only available with /1, /2 or /A2 graphic options)

|  |           |               |  |           |                |
|--|-----------|---------------|--|-----------|----------------|
|  | CM-xxx-AB | Antique Brass |  | CM-xxx-OB | Oil Rub Bronze |
|  | CM-xxx-SB | Satin Brass   |  | CM-xxx-PB | Polished Brass |

#### Water Tight Option

|                           |
|---------------------------|
| CM-xxx-WT                 |
| Boot & watertight coating |



## CM-40, CM-41 & CM-60 SERIES: ROUND PUSH PLATE SWITCHES

CM-40, CM-41 and CM-60 Series 'All-Active' push plate switches are heavy-duty, ADA-compliant door controls. Faceplates are stainless steel or solid brass, and the assembly is designed for easy installation. The CM-41 4-1/2" square stainless steel backplate is large enough to cover a poorly installed electrical box. Also fits Camden 4-1/2" square surface boxes.



Listed Components



ADA Compliant



CM-40/2



CM-41/3



CM-60/4

### Features

- Durable stainless steel or brass construction
- 4 stud switch design and rubber dampers for quieter operation
- All-Active design requires minimal actuation force
- Weather resistant boot included
- Large variety of graphics options
- Available in a range of architectural finishes
- 3 year 'Camden Tough' warranty with '2 for 1' replacement

### ROUND SWITCHES

|       |  |
|-------|--|
| CM-40 | 4-1/2" Round push plate switch, brushed stainless steel finish                         |
| CM-41 | 4-1/2" Round push plate switch, with square back plate, brushed stainless steel finish |
| CM-60 | 6" Round push plate switch, brushed stainless steel finish                             |

### NO-BATTERY KINETIC BY CAMDEN™ WIRELESS ROUND SWITCHES with built-in transmitter. Receiver required.

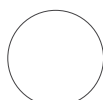
|        |  |
|--------|--|
| CM-40K | 4-1/2" Round push plate switch, brushed stainless steel finish                         |
| CM-41K | 4-1/2" Round push plate switch, with square back plate, brushed stainless steel finish |
| CM-60K | 6" Round push plate switch, brushed stainless steel finish                             |

### Specifications

|                 |  |
|-----------------|--|
| Voltage:        | 12/24V AC/DC   |
| Contact Rating: | 15A @ 30 VDC   |
| Contact Type:   | SPDT Form 'C'  |
| Mounting:       | <b>CM-40/41:</b> Single Gang<br><b>CM-60:</b> Single/Double Gang or 4 x 4  |
| Switch Type:    | Momentary  |
| Std. Finish:    | US32 / 630   |
| Dimensions:     | <b>CM-40:</b> 4-1/2" Diameter x 1-3/4"D (114mm x 44mm)<br><b>CM-41:</b> 4-1/2"H x 4-1/2"W x 1-3/4"D (114mm x 114mm x 44mm)<br><b>CM-60:</b> 6" Diameter x 1-1/8"D (152mm x 28.6mm) |

### OPTIONS (Add suffix to model above)

#### Faceplate Graphic Options



CM-xx/1



CM-xx/2



CM-xx/A2



CM-xx/2AL



CM-xx/2AR



CM-xx/3



CM-xx/3F



CM-xx/4



CM-xx/A4



CM-xx/4AL



CM-xx/4AR



CM-xx/4F



CM-xx/8



CM-xx/8B



CM-xx/8F



CM-xx/8D

#### Architectural Finishes

CM-xxx-AB Antique Brass

CM-xxx-SB Satin Brass

CM-xxx-OB Oil Rub Bronze

CM-xxx-PB Polished Brass

#### Water Tight Option

CM-xxx-WT  
Boot & watertight coating

#### Contact Option

CM-xxx-DP  
DPDT switch instead of SPDT



# ALL-ACTIVE SWITCHES

## DOOR ACTIVATION DEVICES



### CM-45 & 46 SERIES: STAINLESS STEEL 4-1/2" SQUARE PUSH PLATES

**CM-45 Series** (concealed screws) and **CM-46 Series** (exposed screws) stainless steel 4-1/2" square push plate switches mount to standard single gang or double gang electrical boxes. The SPDT (and optional DPDT) switches are rated 15A @ 30 VDC. The push switches are offered with different graphics, and in various architectural finishes. Water tight configurations available.



Listed Components



Compliant



CM-45/2



CM-45/A4



CM-46/4



CM-46CB/4

#### Features

- 4 stud switch design and rubber dampers for quieter operation
- Weather resistant boot included
- Available in a range of architectural finishes
- Available with 'Active' wheelchair symbol graphics
- 3 year 'Camden Tough' warranty with '2 for 1' replacement

#### SQUARE SWITCHES

|         |  |
|---------|--|
| CM-45   | 4-1/2" Square push plate switch, concealed screws, brushed stainless steel   |
| CM-46   | 4-1/2" Square push plate switch, exposed screws, brushed stainless steel   |
| CM-46CB | 4-1/2" Square push plate switch, exposed screws, aluminum, blue paint finish '1', '2', and '4' graphic options only. |

#### NO BATTERY KINETIC BY CAMDEN™ WIRELESS SQUARE SWITCHES with built-in transmitters. Receiver required.

|          |  |
|----------|--|
| CM-45K   | 4-1/2" Square push plate switch, concealed screws, brushed stainless steel   |
| CM-46K   | 4-1/2" Square push plate switch, exposed screws, brushed stainless steel   |
| CM-46CBK | 4-1/2" Square push plate switch, exposed screws, aluminum, blue paint finish '1', '2', and '4' graphic options only. |

#### Specifications

Voltage: 12/24 V AC/DC

Contact Rating: 15A @ 30 VDC

Contact Type: SPDT Form 'C'

Mounting: Single or Double Gang

Switch Type: Momentary

Std. Finish: **CM-45/46:** US32 / 630  
**CM-46CB:** Paint

Dimensions: **CM-45/46/46CB:**  
4-1/2"H x 4-1/2"W x 1-1/4"D  
(114mm x 114mm x 32mm)

#### OPTIONS (Add suffix to model above)

##### Faceplate Graphic Options



CM-xx/1



CM-xx/2



CM-xx/A2



CM-xx/2AL



CM-xx/2AR



CM-xx/3



CM-xx/3F



CM-xx/4



CM-xx/A4



CM-xx/4F



CM-xx/4AL



CM-xx/4AR



CM-xx/8



CM-xx/8B



CM-xx/8D



CM-xx/8F

##### Architectural Finishes

- CM-xxx-AB Antique Brass
- CM-xxx-SB Satin Brass

- CM-xxx-OB Oil Rub Bronze
- CM-xxx-PB Polished Brass

##### Water Tight Option

- CM-xxx-WT Boot & watertight coating

##### Contact Option

- CM-xxx-DP DPDT switch instead of SPDT

## CM-2510 & CM-2520 SERIES: VESTIBULE AND COMBO KEY SWITCHES

CM-2510 and CM-2520 push plate switches have a 4-1/2" square faceplate with a 4" x 2" switch, designed for easy installation directly on a double gang electric box. The tubular switches provide virtually silent operation. CM-2510 includes a SPST maintained switch. Mortise cylinder and keys are sold separately.

### Features

- Heavy Duty Stainless steel
- 2" x 4" (50mm x 101mm) push plate conforms to new OBC requirements
- Minimal actuation force
- Key switch easily enables/disables push plate switch
- 3 year 'Camden Tough' warranty with '2 for 1' replacement

### MODELS

|         |  |
|---------|--|
| CM-2510 | Double Gang Push Plate / Key Switch                              |
| CM-2520 | Double Gang Vestibule Push Plate Switch with /4AL, /4AR Graphics |

### OPTIONS (Add suffix to model above)

#### Faceplate Graphic Options



CM-xx/1



CM-xx/2



CM-xx/A2



CM-xx/3



CM-xx/3F



CM-xx/4



CM-xx/A4



CM-xx/4F



CM-xx/48

#### Mortise Cylinders

|             |   |
|-------------|---|
| CM-CYL60-KA | Mortise cylinder 1-1/8", solid brass keyed alike, chrome finish       |
| CM-CYL60-KD | Mortise cylinder, 1-1/8", solid brass, keyed different, chrome finish |

#### Water Tight Option

|           |  |
|-----------|--|
| CM-xxx-WT | Add 'WT' to model above for boot and water tight coating |
|-----------|--|

Listed  
Components

Compliant



CM-2510/3



CM-2520/4



CM-2520/48

### Specifications

|                 |   |
|-----------------|---|
| Voltage:        | 12/24V AC/DC  |
| Contact Type:   | <b>Push Plate:</b> N/O SPST, Momentary<br><b>Key Switch:</b> N/O SPST, Maintained   |
| Contact Rating: | Push Plate: 3A @ 30 VDC<br>Key Switch: 6A @ 30 VDC  |
| Temp Range:     | -40°F to 140°F (-40°C to +60°C)   |
| Std. Finish:    | US32 / C32D   |
| Dimensions:     | <b>CM-2510:</b><br>4-1/2"H x 4-1/2"W x 1-3/4" D<br>(114mm x 114mm x 44mm)<br><b>CM-2520:</b><br>4-1/2"H x 4-1/2"W x 1-3/16" D<br>(114mm x 114mm x 30mm) |



# ALL-ACTIVE SWITCHES

## DOOR ACTIVATION DEVICES

### CM-54, CM-55 & CM-57 SERIES: ILLUMINATED PUSH PLATE ENCLOSURES & SWITCH KITS

Aura™ CM-54 (surface square) CM-55 (flush square) and CM-57 (flush round) illuminated push plate enclosures and switch kits provide high visibility and enhanced user convenience in ADA compliant automatic door and other applications.

**Features include:** selection of backlight color activation, an audible sounder that confirms switch activation, and Form 'C' contacts used to switch your device.

Aura™ illuminated mounting boxes are compatible with the widest range of 4-1/2" all-active push plate switches in the industry. Options include a complete selection of stock and custom graphic designs, architectural finishes (including polished brass and bronze) and water tight models.



Listed  
Components



Compliant



CM-45/454



CM-45/455



CM-40/4GRF

#### Features

- Illuminated surface and flush mount box compatible with any CM-40, CM-45 or CM-46 'All Active' push plate switch
- High efficiency LED technology
- Improves switch visibility, even in daylight
- Flame and impact resistant polycarbonate construction
- Selectable 12/24V, AC/DC

#### AURA™ ILLUMINATED ENCLOSURES

|         |   |
|---------|---|
| CM-54i  | Surface, 4-1/2" Square, Aura™ illuminated. Red, Green, Blue |
| CM-55i  | Flush, 4-1/2" Square, Aura™ illuminated. Red, Green, Blue   |
| CM-57GR | Flush, 4-1/2" Round (Illuminated Red/Green)                 |

#### AURA™ ILLUMINATED SWITCH KITS - SURFACE MOUNT

|           |   |
|-----------|---|
| CM-45/x54 | 4-1/2" Square push plate (concealed screws) |
| CM-46/x54 | 4-1/2" Square push plate (exposed screws)   |

#### AURA™ ILLUMINATED SWITCH KITS - FLUSH MOUNT

|           |                          |
|-----------|--------------------------|
| CM-40/x57 | 4-1/2" Round push plate  |
| CM-45/x55 | 4-1/2" Square push plate |
| CM-46/x55 | 4-1/2" Square push plate |

#### NOTES:

- DDPDT Contacts: CM-40, CM-45 or CM-46 'DP' option cannot be used with Aura™ illuminated enclosures
- See Page 70 for faceplate graphic options and suffix to replace "x" in above models

#### Specifications

|                 |  |
|-----------------|--|
| Voltage:        | 12/24V AC/DC   |
| Current Draw:   | 130 mA. max.   |
| Lumina:         | <b>Red:</b> 5760 MCD<br><b>Green:</b> 3780 MCD   |
| Contact Type:   | 1 Form 'C'   |
| Contact Rating: | 3A @ 24V AC/DC   |
| Sounder:        | 85 DB @ 10cm   |
| Dimensions:     | <b>CM-54:</b><br>5-1/4"H x 5-1/4"W x 2-1/8"D<br>(133mm x 133mm x 54mm)<br><b>CM-55:</b><br>6-1/2"H x 6-1/2"W x 2"D<br>(165mm x 165mm x 51mm)<br><b>CM-57:</b><br>6-5/8" Dia. x 2"D<br>(168mm x 51mm) |

### AURA™ RESTROOM CONTROL SIGNS

Add suffix to Aura™ switch kit to add restroom sign. To order sign separately, add prefix 'CM-' to model (eg.CM-SE1)

|       |  |
|-------|--|
| /SE1  | English, for CM-54 Square Surface box. Double sided.<br>'DOOR LOCKED WHEN RED' / 'UNLOCKED WHEN GREEN' and 'OCCUPIED WHEN RED' / 'VACANT WHEN GREEN' |
| /SF1  | French, for CM-54 Square Surface box. Double sided.<br>'PORTE BARRÉE' / 'PORTE DÉBARRÉE' and 'OCCUPÉ' / 'LIBRE'                                      |
| /SFE1 | English, for CM-55 Square Flush box. Double sided.<br>'DOOR LOCKED WHEN RED' / 'UNLOCKED WHEN GREEN' and 'OCCUPIED WHEN RED' / 'VACANT WHEN GREEN'   |
| /SFF1 | French, for CM-55 Square Flush box. Double sided.<br>'PORTE BARRÉE' / 'PORTE DÉBARRÉE' and 'OCCUPÉ' / 'LIBRE'  |
| /FRE1 | English, for CM-57 Round Flush box. Double sided.<br>'DOOR LOCKED WHEN RED' / 'UNLOCKED WHEN GREEN' and 'OCCUPIED WHEN RED' / 'VACANT WHEN GREEN'    |
| /FRF1 | French, for CM-57 Round Flush box. Double sided.<br>'PORTE BARRÉE' / 'PORTE DÉBARRÉE' and 'OCCUPÉ' / 'LIBRE'   |



**CM-54 Sign**  
Switch not included



**CM-55 Sign**  
Switch not included



**CM-57 Sign**  
Switch not included

### Faceplate Graphic Options

|   |   |   |   |   |   |  |  |
|---|---|---|---|---|---|--|--|
|   |   |   |   |   |   |   |  |
| CM-xx/1   | CM-xx/2   | CM-xx/A2  | CM-xx/2AL   | CM-xx/2AR   | CM-xx/3   | CM-xx/3F   | CM-xx/4  |
|  |  |  |  |  |  |  |  |
| CM-xx/A4  | CM-xx/4AL   | CM-xx/4AR   | CM-xx/4F  | CM-xx/8   | CM-xx/8D  | CM-xx/8F   |  |

### Lazerpoint RF™ 915Mhz. Wireless Door Control

|         |                         |
|---------|-------------------------|
| CM-TX-9 | Wall Switch Transmitter |
|---------|-------------------------|

**NOTE:** TX-9 may be added to Aura to send switch signal to RX-90/91/92 receivers, and reduce wiring by two conductors.



# ALL-ACTIVE SWITCHES

## DOOR ACTIVATION DEVICES

### **COLUMN™** CM-75 SERIES: COLUMN™ PUSH PLATE SWITCHES



Listed  
Components



Compliant

*CM-75 Series Column™ push plate switches offer an elegant design that is easy to operate and built to last. The innovative end cap is designed for **optional 'snap-in' installation** of Lazerpoint RF™ wireless transmitters. For installations that require an exterior freestanding switch, CM-75 series switches are compatible with color matched CM-42 and CM-48 Series anodized aluminum and dark bronze bollards.*

#### Features

- Low profile contoured design with easy activation from any angle
- Adjustable leveling screws for easy installation on uneven walls
- Meets or exceeds state and provincial building code requirements
- Available with clear, bronze or blue anodized finishes, as well as stainless steel
- Kinetic by Camden™ no-battery option
- Selection of faceplate graphic options
- Red/green light ring with switch or remote activation (CM-7536VR)
- Adjustable sensor range 2" to 8" (5cm to 20cm)
- Adjustable sensor time delay (0.5sec to 20sec.)
- Weather/water resistant sensor, IP65 rated (CM-7536VR)

#### Specifications

|                 |   |
|-----------------|---|
| Voltage:        | <b>CM-7509/7536:</b> N/A<br><b>CM-7509/7536:</b> 12-24VDC +/- 10%   |
| Contact Type:   | <b>CM-7509/7536:</b> SPDT Momentary, Form 'C'<br><b>CM-7509/7536:</b> Common / N.O. / N.C.  |
| Contact Rating: | <b>CM-7509/7536:</b> 15 Amps @ 30 VDC<br><b>CM-7509/7536:</b> 1 Amp @ 30 VDC  |
| Finishes:       | - Clear Aluminum (BHMA 628, US28)<br>- Brushed Stainless Steel (US32 / 630)<br>- Dark Bronze (BHMA 690, US40)<br>- Blue (Anodized)  |
| Dimensions:     | <b>CM-7509:</b> 5-7/8"W x 10-5/8"H x 1-1/2"D (150mm x 270mm x 38mm)<br><b>CM-7536:</b> 5-7/8"W x 37-1/2"H x 1-1/2"D (150mm x 953mm x 38mm)<br><b>CM-7536K:</b> 5-7/8"W x 37-1/2"H x 1-1/2"D (150mm x 953mm x 38mm)<br><b>CM-7536VR:</b> 5-7/8"W x 37-1/2"H x 2"D (150mm x 953mm x 51mm) |

#### MODELS

##### WIRED MANUAL SWITCHES

|           |  |
|-----------|--|
| CM-7509   | 9" Long Column™ push plate switch, anodized aluminum finish. Option for dark bronze or blue anodized finish  |
| CM-7536   | 36" Long Column™ push plate switch, anodized aluminum finish. Option for dark bronze or blue anodized finish |
| CM-7536SS | 36" Long Column™ push plate switch, brushed stainless steel, US32 / 630                                      |

##### WIRED MANUAL SWITCHES WITH HANDS FREE SENSOR

|             |   |
|-------------|---|
| CM-7536VR   | 36" Long Column™ push plate switch with hands free sensor, anodized aluminum finish. Option for dark bronze or blue anodized finish |
| CM-7536SSVR | 36" Long Column™ push plate switch with hands free sensor, brushed stainless steel, US32 / 630                                      |

##### NO BATTERY WIRELESS SWITCHES WITH TRANSMITTER

|            |  |
|------------|--|
| CM-7536K   | 36" Long Column™ push plate switch, anodized aluminum finish. Built-in Kinetic by Camden™ no battery wireless transmitter, receiver required |
| CM-7536SSK | 36" Long Column™ push plate switch, stainless steel. Built-in Kinetic by Camden™ no battery wireless transmitter, receiver required          |

### FACEPLATE GRAPHIC OPTIONS (Add suffix to model number)



CM-xx/1



CM-xx/2



CM-xx/A2



CM-xx/2AL



CM-xx/2AR



CM-xx/4



CM-xx/A4



CM-xx/4AL



CM-xx/4AR



CM-xx/8B

### Faceplate Graphic Details

**CM-xx/1:** CM-7536 only, not available w/ 'BRZ' & 'BLU' finishes

**/2AL & /2AR:** Not available on CM-7536 stainless steel model

**/A2 & /A4:** Not available on CM-7536 stainless steel model

**/8B:** Only available on CM-7536 aluminum model

### Architectural Finishes



CM-BRZ

Suffix '-BRZ' for Anodized Dark Bronze Finish (BHMA 710, 313AN)



CM-BLU

Suffix '-BLU' for Anodized Blue Finish

### Water Tight Option

-WT

For Boot & Water Tight Coating



CM-7509/4



CM-7536SS/4



CM-7536VR/4

### BATTERY POWERED WIRELESS

-TX

Add suffix '-TX' to Model # for (1) CM-TX-9 Lazerpoint RF™ wireless transmitter and alkaline battery pack, mounted in switch cap.

### WIRELESS RECEIVERS

CM-RX-90

Kinetic by Camden™ and Lazerpoint RF™ compatible receiver.

CM-RX-91

Lazerpoint RF™ compatible single relay receiver.

CM-RX-92

Lazerpoint RF™ compatible dual relay receiver.

### Compatible Bollards (Mounting Posts)

CM-42-DSU-CLR

42" Extruded aluminum bollard, clear aluminum finish

CM-42-DSU-BRZ

42" Extruded aluminum bollard, dark bronze finish

CM-42-DSU-SS

42" Stainless steel bollard

CM-48-DSU-CLR

48" Extruded aluminum bollard, clear aluminum finish

CM-48-DSU-BRZ

48" Extruded aluminum bollard, dark bronze finish

CM-48-DSU-SS

48" Stainless steel bollard

See Page 89 for bollards and mounting posts



CM-7536/4



CM-7536/4-BLU



CM-7536/4-BRZ



# WIRELESS DOOR CONTROLS

## DOOR ACTIVATION DEVICES

### KINETIC BY CAMDEN™: 900MHZ. NO-BATTERY WIRELESS DOOR CONTROL SYSTEM

*Kinetic by Camden™ is an advanced 900 MHz. 'power harvesting' wireless system that uses the energy created by the operation of the switch to power the wireless transmitter. It avoids the need to provide power or batteries, saving installation and maintenance costs.*



#### Features

- Huge savings in installation costs
- No-battery maintenance
- Environmentally friendly - Eliminates the disposal of batteries
- Fits standard depth mounting boxes
- Smooth switch operation, ADA Compliant Activation, 3.4 lbs force



### KINETIC BY CAMDEN™ PUSH PLATE SWITCH SERIES MODELS

See product series catalog pages 68-70 for graphic options and ordering information

|            |  |
|------------|--|
| CM-25K     | 1-3/4" Width, Narrow push plate switch, vertical mounting, brush stainless steel finish  |
| CM-26CBK   | 1-3/4" Width Narrow push plate switch, blue with white graphics, exposed screws          |
| CM-35K     | 2" Width Narrow push plate switch, vertical mounting, brushed stainless steel finish     |
| CM-35NK    | 2" Width Narrow push plate switch, single gang back plate brushed stainless steel finish |
| CM-40K     | 4-1/2" Round push plate switch, brushed stainless steel finish                           |
| CM-41K     | 4-1/2" Round push plate switch, brushed stainless steel finish                           |
| CM-60K     | 6" Round push plate switch, brushed stainless steel finish                               |
| CM-45K     | 4-1/2" Square push plate switch, concealed screws, brushed stainless steel finish        |
| CM-46K     | 4-1/2" Square push plate switch, exposed screws, brushed stainless steel finish          |
| CM-46CBK   | 4-1/2" Square push plate switch, exposed screws, aluminum, blue paint finish             |
| CM-7536K   | 36" Long Column™ push plate switch anodized aluminum, optional bronze/blue finish        |
| CM-7536SSK | 36" Long Column™ push plate switch anodized aluminum, stainless steel finish             |
| CM-7509K   | 9" Long Column™ push plate switch anodized aluminum, optional bronze/blue finish         |

#### Push Plate Switch & No-Battery Transmitter

Wireless Frequency: 900 MHz. Fixed Frequency

Range Open Air: Up to 300ft.

In Operator Header: Up to 70ft.

Temp Rating: -40°F to 185°F (-40°C to +85°C)

Water Tight Option: Yes

Dimension: 1-1/2" (38mm) Box Depth Req

#### Receiver Models



CM-RX-90



CM-RX-91



CM-RX-92



CM-TX-9



CM-RX-DBK

#### KINETIC BY CAMDEN™ RECEIVER MODELS See pg 78 for specifications













|               |   |
|---------------|---|
| CM-RX-90      | Advanced, Compact Single Relay Receiver   |
| CM-RX-91-DBK1 | V2 Lazerpoint RF™ dual frequency receiver with Kinetic by Camden™ plug-in no-battery wireless daughterboard     |
| CM-RX-92-DBK1 | V2 Lazerpoint RF™ dual frequency receiver with Kinetic by Camden™ plug-in no-battery wireless daughterboard     |
| CM-RX-92-DBK2 | V2 Lazerpoint RF™ dual frequency receiver with (2) Kinetic by Camden™ plug-in no-battery wireless daughterboard |
| CM-RX-DBK     | Kinetic by Camden™ plug-in no-battery wireless daughterboards for CM-RX-91 or CM-RX-92 V2 receivers             |



### KINETIC BY CAMDEN™: SWITCH KITS

*Kinetic by Camden™ is available in kits that include (2) push plate switches with built-in Kinetic wireless transmitters, (2) surface mount boxes/enclosures, and (1) CM-RX90V2 single relay receiver. Kits may be configured using any graphic, architectural finish or weatherproof option.*



| KINETIC™ SWITCH KIT MODELS |   |   |  |
|----------------------------|---|---|--|
| CM-RFK35K/4                |    |    | (2) CM-35K/4 2" Narrow Switches, Wheelchair w/ Push to Open Text<br>(2) CM-34BL Surface Mount Boxes<br>(1) CM-RX-90 Receiver     |
| CM-RFK40K/4                |    |    | (2) CM-40K/4 4-1/2" Round Switches, Wheelchair w/ Push to Open Text<br>(2) CM-47SER Surface Mount Boxes<br>(1) CM-RX-90 Receiver |
| CM-RFK45/4                 |    |    | (2) CM-45K 4-1/2" Square Switches, Wheelchair Symbol & Text<br>(2) CM-43CBL Surface Mount Boxes<br>(1) CM-RX-90 Receiver         |
| CM-RFK46/4                 |    |    | (2) CM-46K 4-1/2" Square Switches, Wheelchair Symbol & Text<br>(2) CM-43CBL Surface Mount Boxes<br>(1) CM-RX-90 Receiver         |
| CM-RFK46CB/4               |   |   | (2) CM-46CBK 4-1/2" Square Switches, Wheelchair Symbol & Text<br>(2) CM-43CBL Surface Mount Boxes<br>(1) CM-RX-90 Receiver       |
| CM-RFK60K/4                |  |  | (2) CM-60K/4 6" Round Switches, Wheelchair w/ Push to Open Text<br>(2) CM-69SER Surface Mount Boxes<br>(1) CM-RX-90 Receiver     |

**Camden  
Just Made  
Switch  
Wiring  
Obsolete**



**900 Mhz. No-Battery Wireless Door Control System**



Kinetic by Camden™ Switch Mounted on Glass

Kinetic by Camden™ offers the reliability of wired switches at 1/2 the installed cost - without battery maintenance OR hazardous waste disposal!



# WIRELESS DOOR CONTROLS

## DOOR ACTIVATION DEVICES

**LAZERPOINT RF™**  
BY CAMDEN



## 915 MHZ. BATTERY POWERED WIRELESS DOOR CONTROL SYSTEM

*Lazerpoint RF™ introduces the many advantages of 915MHz. spread spectrum wireless technology to the automatic door market. The system encompasses the widest range of transmitters, receivers, activation devices and switch enclosures available today.*

*Lithium batteries recommended for environments below 32°F (0°C).*

### Features

- Compatible with all auto door operators.
- Advanced 915MHz spread spectrum (broadband) wireless communications for outstanding range and performance.
- Multi-year battery life ('AAA' alkaline or lithium) and exclusive 'low battery' 'gas gauge' and 'stuck switch' audible alerts.
- CM-RX-90 advanced receiver, with 1 relay, 3 operating modes (delay, non-delay & latching). Ideal for vestibule applications.
- RX-92 receiver with 2 channels and 6 operating modes; saves time and avoids buying and installing additional components.
- 'PUSH AND LEARN' transmitter enrollment and signal strength indicators, makes Lazerpoint RF™ the easiest system to install.
- Ultra compact RX-90 receiver can be mounted in door operator cabinets.
- Compact ADA compliant 1, 2 and 4 button key FOBs.
- Innovative FOB base for wheelchair, visor, belt or wall mounting.
- Plug-in Lazerpoint RF™ wireless transmitter module for CM-120 digital keypads and CM-330 Series hands free switches.

## RF WIRELESS TRANSMITTERS:

### ADA COMPLIANT KEY FOBs

|           |                       |
|-----------|-----------------------|
| CM-TXLF-1 | One - button key fob  |
| CM-TXLF-2 | Two - button key fob  |
| CM-TXLF-4 | Four - button key fob |



CM-TXLF-1



CM-TXLF-2



CM-TXLF-4

### Specifications

Wireless Frequency:

905.25 / 915.25 / 925.25

MHz. Spread Spectrum

Wireless Range:

**CM-TX-9/99:** 500ft (152m) open area

**CM-TXLF Series:** 250ft (76m) open area

Receiver Capacity: 40 CM-TX Series Transmitters

Codes: 1 Million Unique (20 Bit) Codes

Power / Voltage:

**CM-RX-90/91/92:** 12/24V AC/DC

**CM-TX-9:**

(2) AAA alkaline batteries (supplied)

(2) AAA Lithium batteries (option)

**CM-TX99:** Plug-in, power by device

**CM-TXLF Series:** CR2032 Lithium battery

Battery Life:

**CM-TX-9:** 500,000 cycles

**CM-TXLF:** 115,000 cycles

Status and Alarm Indicators:

**CM-TX-9/TXLF:**

Transmission confirmation, low battery, battery test and stuck switch

**CM-RX-90/91/92:**

Relay status, signal strength, erase mode and pot position

Output:

**CM-RX-90:** (1) SPDT relay, 3 modes

**CM-RX-91:** (1) SPDT relay, 1 mode

**CM-RX-92:** (2) SPDT relays, 6 modes

Contact Rating: 3A @ 30 VDC

Current Draw:

**CM-TX-9:** 2 mA

**CM-RX-90:** 23mA - 43mA

**CM-RX-91/92:** 23mA - 63mA

Time Delay:

**CM-RX-90/91:** 1-30 seconds

**CM-RX-92:** #1 D.O.R. 1-30 sec.

#2 D.O.O. 1-15 sec.

#2 D.O.R. 1-30 sec.

Temperature Range:

Alkaline: 32°F to 122°F (0°C to 0°C)

Lithium: -40°F to 122°F (-40°C to 50°C)



## DOOR ACTIVATION DEVICES

| RECESSED BUTTON KEY FOBs          |   |
|-----------------------------------|---|
| CM-TXLF-1LP                       | One - button key fob  |
| CM-TXLF-2 LP                      | Two - button key fob  |
| KEY FOB BASE                      |   |
| CM-TXLF-B                         | Base for any TXLF fob, wall or desk mountable, with belt or visor clip and wheelchair strap                           |
| TRANSMITTERS                      |   |
| CM-TX-9                           | Wall Switch Transmitter   |
| CM-TX-99                          | Plug-in Transmitter   |
| LITHIUM BATTERIES                 |   |
| CM-xxx-L2                         | Add 'L2' to <b>CM-TX-9</b> model # for 'AAA' lithium batteries in place of alkaline                                   |
| CM-LP2                            | (2) 'AAA' lithium battery packs   |
| LAZERPOINT RF™ WIRELESS RECEIVERS |   |
| CM-RX-90                          | V2 Lazerpoint RF™ & Kinetic by Camden™ Compatible Single Relay Receiver   |
| CM-RX-91                          | V2 Lazerpoint RF™ dual frequency receiver, slot for (1) Kinetic by Camden™ plug-in no-battery wireless daughterboard  |
| CM-RX-91-DBK1                     | V2 Lazerpoint RF™ dual frequency receiver with Kinetic by Camden™ plug-in no-battery wireless daughterboard           |
| CM-RX-92                          | V2 Lazerpoint RF™ dual frequency receiver, slot for (2) Kinetic by Camden™ plug-in no-battery wireless daughterboards |
| CM-RX-92-DBK1                     | V2 Lazerpoint RF™ dual frequency receiver with (1) Kinetic by Camden™ plug-in no-battery wireless daughterboard       |
| CM-RX-92-DBK2                     | V2 Lazerpoint RF™ dual frequency receiver with (2) Kinetic by Camden™ plug-in no-battery wireless daughterboards      |
| CM-RX-DBK                         | Kinetic by Camden™ plug-in no-battery wireless daughterboards for CM-RX-91 or CM-RX-92 V2 receivers                   |



CM-TXLF-1LP

CM-TXLF-2LP



CM-TXLF-B



CM-TX-9

CM-TX-99

### Receiver and Fob Dimensions:

**CM-RX-90:** 3-1/2"H x 1-1/2"W x 13/16"D  
(89mm x 38mm x 21mm)

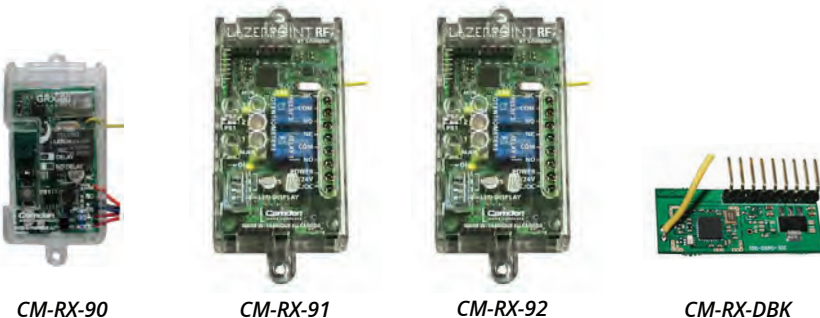
**CM-RX-91/92:** 4-1/2"H x 2"W x 1"D  
(114mm x 50mm x 25mm)

**CM-TX-9:** 2-1/4"H x 5/8"W x 3/8"D  
(57mm x 16mm x 10mm)

**CM-TXLF:** 2-9/16"H x 1-9/16"W x 5/8"D  
(65mm x 40mm x 16mm)

**CM-TXLF-B:** 4"H x 1-5/8"W x 3/4"D  
(102mm x 42mm x 19mm)

**CM-TX-99:** 1-9/16"H x 9/16"W x 5/16"D  
(40mm x 15mm x 8mm)



CM-RX-90

CM-RX-91

CM-RX-92

CM-RX-DBK



# WIRELESS DOOR CONTROLS

## DOOR ACTIVATION DEVICES

### LAZERPOINT RF™ BY CAMDEN

## 915 MHZ. WIRELESS SWITCH KITS

Lazerpoint RF™ wireless is available in complete packages with everything for your automatic door switch installation. Kits include a choice of stainless steel/aluminum All-Active push plate switches, rugged surface or flush mount boxes/enclosures, (2) RF switch transmitters **and** (1) receiver - all at an economical price.



RFL Package

#### LAZERPOINT RF™ SWITCH OPTIONS NOW INCLUDE :

- RX-90 Advanced 1 relay receiver. See page 84 for other receiver options
- Vestibule switch options
- Water tight and architectural finish options
- French language options

**Lithium batteries recommended for environments below 32°F (0°C).**

#### CM-25 NARROW / JAMB PUSH PLATE

|              |   |
|--------------|---|
| CM-RFL252-A  | (2) CM-25/2 WHEELCHAIR symbol, (2) CM-23D Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver                          |
| CM-RFL253-A  | (2) CM-25/3 'PUSH TO OPEN', (2) CM-23D Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver                             |
| CM-RFL253F-A | (2) CM-25/3F 'POUSSEZ POUR OUVRIR', (2) CM-23D Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver                     |
| CM-RFL254-A  | (2) CM-25/4 WHEELCHAIR symbol & 'PUSH TO OPEN', (2) CM-23D Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver         |
| CM-RFL254F-A | (2) CM-25/4F WHEELCHAIR symbol & 'POUSSEZ POUR OUVRIR', (2) CM-23D Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver |

#### CM-26CB NARROW / JAMB PUSH PLATE

|               |  |
|---------------|--|
| CM-RFL26CB2-A | (2) CM-26CB/2 WHEELCHAIR symbol, (2) CM-23D Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver           |
| CM-RFL26CB4-A | (2) CM-26CB/4 WHEELCHAIR & 'PUSH TO OPEN', (2) CM-23D Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver |

#### CM-35 SINGLE GANG PUSH PLATE

|              |  |
|--------------|--|
| CM-RFL352-A  | (2) CM-35/2 WHEELCHAIR symbol, (2) CM-34BL Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver          |
| CM-RFL353-A  | (2) CM-35/3 'PUSH TO OPEN' text, (2) CM-34BL Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver        |
| CM-RFL353F-A | (2) CM-35/3 'POUSSEZ POUR OUVRIR' text, (2) CM-34BL Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver |
| CM-RFL354-A  | (2) CM-35/4 'PUSH TO OPEN' text, (2) CM-34BL Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver        |
| CM-RFL354F-A | (2) CM-35/4 'POUSSEZ POUR OUVRIR' text, (2) CM-34BL Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver |



CM-25 Series



CM-26CB Series



CM-35 Series



| CM-40 4-1/2" ROUND PUSH PLATE                     |  |
|---|--|
| CM-RFL402-47-A                                    | (2) CM-40/2 WHEELCHAIR symbol, (2) CM-47S Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver                             |
| CM-RFL403-47-A                                    | (2) CM-40/3 PUSH TO OPEN, (2) CM-47S Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver                                  |
| CM-RFL403F-47-A                                   | (2) CM-40/3 'POUSSEZ POUR OUVRIR', (2) CM-47S Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver                         |
| CM-RFL404-47-A                                    | (2) CM-40/4 WHEELCHAIR & 'PUSH TO OPEN', (2) CM-47S Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver                   |
| CM-RFL404F-47-A                                   | (2) CM-40/4F WHEELCHAIR & 'POUSSEZ POUR OUVRIR', (2) CM-47S Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver           |
| CM-RFL402-49-A                                    | (2) CM-40/2 WHEELCHAIR symbol, (2) CM-49 Flush/Surface enclosures, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver                   |
| CM-RFL403-49-A                                    | (2) CM-40/3 PUSH TO OPEN, (2) CM-49 Flush/Surface enclosures, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver                        |
| CM-RFL403F-49-A                                   | (2) CM-40/3F 'POUSSEZ POUR OUVRIR', (2) CM-49 Flush/Surface enclosures, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver              |
| CM-RFL404-49-A                                    | (2) CM-40/4 WHEELCHAIR & 'PUSH TO OPEN', (2) CM-49 Flush/Surface enclosures, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver         |
| CM-RFL404F-49-A                                   | (2) CM-40/4F WHEELCHAIR & 'POUSSEZ POUR OUVRIR', (2) CM-49 Flush/Surface enclosures, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver |
| CM-45 4-1/2" SQUARE (CONCEALED SCREWS) PUSH PLATE |  |
| CM-RFL452-SA                                      | (2) CM-45/2 WHEELCHAIR symbol, (2) CM-43CBL Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver                           |
| CM-RFL453-SA                                      | (2) CM-45/3 'PUSH TO OPEN', (2) CM-43CBL Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver                              |
| CM-RFL453F-SA                                     | (2) CM-45/3F 'POUSSEZ POUR OUVRIR', (2) CM-43CBL Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver                      |
| CM-RFL454-SA                                      | (2) CM-45/4 WHEELCHAIR & 'PUSH TO OPEN', (2) CM-43CB Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver                  |
| CM-RFL454F-SA                                     | (2) CM-45/4F WHEELCHAIR & 'POUSSEZ POUR OUVRIR', (2) CM-43CB Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver          |
| CM-RFL452-LPA                                     | (2) CM-45/2 WHEELCHAIR symbol, (2) CM-43LP Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver                            |
| CM-RFL453-LPA                                     | (2) CM-45/3 'PUSH TO OPEN', (2) CM-43LP Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver                               |
| CM-RFL453F-LPA                                    | (2) CM-45/3F 'POUSSEZ POUR OUVRIR', (2) CM-43LP Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver                       |
| CM-RFL454-LPA                                     | (2) CM-45/4 WHEELCHAIR & 'PUSH TO OPEN', (2) CM-43LP Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver                  |
| CM-RFL454F-LPA                                    | (2) CM-45/4F WHEELCHAIR & 'POUSSEZ POUR OUVRIR', (2) CM-43LP Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver          |



CM-40 Series



CM-47S



CM-49



CM-45 Series



CM-43CBL



CM-43LP



# WIRELESS DOOR CONTROLS

## DOOR ACTIVATION DEVICES

### CM-46 - 4-1/2" SQUARE (EXPOSED SCREWS) PUSH PLATE

|                |  |
|----------------|--|
| CM-RFL462-SA   | (2) CM-46/2 WHEELCHAIR symbol, (2) CM-43CBL Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver                   |
| CM-RFL463-SA   | (2) CM-46/3 'PUSH TO OPEN', (2) CM-43CBL Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver                      |
| CM-RFL463F-SA  | (2) CM-46/3F 'POUSSEZ POUR OUVRIR', (2) CM-43CBL Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver              |
| CM-RFL464-SA   | (2) CM-46/4 WHEELCHAIR & 'PUSH TO OPEN', (2) CM-43CBL Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver         |
| CM-RFL464F-SA  | (2) CM-46/4F WHEELCHAIR & 'POUSSEZ POUR OUVRIR', (2) CM-43CBL Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver |
| CM-RFL462-LPA  | (2) CM-46/2 WHEELCHAIR symbol, (2) CM-43LP Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver                    |
| CM-RFL463-LPA  | (2) CM-46/3 'PUSH TO OPEN', (2) CM-43LP Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver                       |
| CM-RFL463F-LPA | (2) CM-46/3F 'POUSSEZ POUR OUVRIR', (2) CM-43LP Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver               |
| CM-RFL464-LPA  | (2) CM-46/4 WHEELCHAIR & 'PUSH TO OPEN', (2) CM-43LP Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver          |
| CM-RFL464F-LPA | (2) CM-46/4F WHEELCHAIR & 'POUSSEZ POUR OUVRIR', (2) CM-43LP Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver  |

### CM-46CB - BLUE 4-1/2" SQUARE (EXPOSED SCREWS) PUSH PLATE

|                  |  |
|------------------|--|
| CM-RFL46CB2-SA   | (2) CM-46CB/2 WHEELCHAIR symbol, (2) CM-43CBL Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-92 Dual Relay Receiver                  |
| CM-RFL46CB3-SA   | (2) CM-46CB/3 'PUSH TO OPEN', (2) CM-43CBL Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-92 Dual Relay Receiver                     |
| CM-RFL46CB3F-SA  | (2) CM-46CB/3F 'POUSSEZ POUR OUVRIR', (2) CM-43CBL Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-92 Dual Relay Receiver             |
| CM-RFL46CB4-SA   | (2) CM-46CB/4 WHEELCHAIR & 'PUSH TO OPEN', (2) CM-43CB Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-92 Dual Relay Receiver         |
| CM-RFL46CB4F-SA  | (2) CM-46CB/4F WHEELCHAIR & 'POUSSEZ POUR OUVRIR', (2) CM-43CB Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-92 Dual Relay Receiver |
| CM-RFL46CB2-LPA  | (2) CM-46CB/2 WHEELCHAIR symbol, (2) CM-43LP Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-92 Dual Relay Receiver                   |
| CM-RFL46CB3-LPA  | (2) CM-46CB/3 'PUSH TO OPEN', (2) CM-43LP Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-92 Dual Relay Receiver                      |
| CM-RFL46CB3F-LPA | (2) CM-46CB/3F 'POUSSEZ POUR OUVRIR', (2) CM-43LP Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-92 Dual Relay Receiver              |
| CM-RFL46CB4-LPA  | (2) CM-46CB/4 WHEELCHAIR & 'PUSH TO OPEN', (2) CM-43LP Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-92 Dual Relay Receiver         |
| CM-RFL46CB4F-LPA | (2) CM-46CB/4 WHEELCHAIR & 'POUSSEZ POUR OUVRIR', (2) CM-43LP Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-92 Dual Relay Receiver  |



CM-46 Series



CM-43CBL



CM-43LP



CM-46CB Series



CM-43CBL



CM-43LP



### CM-60 - 6" ROUND PUSH PLATE

|                 |   |
|-----------------|---|
| CM-RFL602-69-A  | (2) CM-60/2 WHEELCHAIR symbol, (2) CM-69S Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver                                |
| CM-RFL603-69-A  | (2) CM-60/3 'PUSH TO OPEN', (2) CM-69S Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver                                   |
| CM-RFL603F-69-A | (2) CM-60/3F 'POUSSEZ POUR OUVRIR', (2) CM-69S Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver                           |
| CM-RFL604-69-A  | (2) CM-60/4 WHEELCHAIR & 'PUSH TO OPEN', (2) CM-69S Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver                      |
| CM-RFL604F-69-A | (2) CM-60/4F WHEELCHAIR & 'POUSSEZ POUR OUVRIR', (2) CM-69S Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver              |
| CM-RFL602-79-A  | (2) CM-60/2 WHEELCHAIR symbol, (2) CM-79A/B Flush/Surface Enclosures, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver                   |
| CM-RFL603-79-A  | (2) CM-60/3 'PUSH TO OPEN', (2) CM-79A/B Flush/Surface Enclosures, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver                      |
| CM-RFL603F-79-A | (2) CM-60/3F 'POUSSEZ POUR OUVRIR', (2) CM-79A/B Flush/Surface Enclosures, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver              |
| CM-RFL604-79-A  | (2) CM-60/4 WHEELCHAIR & 'PUSH TO OPEN', (2) CM-79A/B Flush/Surface Enclosures, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver         |
| CM-RFL604F-79-A | (2) CM-60/4F WHEELCHAIR & 'POUSSEZ POUR OUVRIR', (2) CM-79A/B Flush/Surface Enclosures, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver |



CM-60 Series



CM-69S



CM-79

### CM-2520 - VESTIBULE SWITCH PACKAGE

|                  |   |
|------------------|---|
| CM-RFL25202-SD   | (1) CM-2520/2 WHEELCHAIR symbol, (1) CM-53 Surface Box, (2) CM-TX-9 Transmitters, (1) CM-RX-92 Dual Relay Receiver                      |
| CM-RFL25203-SD   | (1) CM-2520/3 'PUSH TO OPEN', (1) CM-53 Surface Box, (2) CM-TX-9 Transmitters, (1) CM-RX-92 Dual Relay Receiver                         |
| CM-RFL25203F-SD  | (1) CM-2520/3F 'POUSSEZ POUR OUVRIR', (1) CM-53 Surface Box, (2) CM-TX-9 Transmitters, (1) CM-RX-92 Dual Relay Receiver                 |
| CM-RFL25204-SD   | (1) CM-2520/4 WHEELCHAIR symbol & 'PUSH TO OPEN', (1) CM-53 Surface Box, (2) CM-TX-9 Transmitters, (1) CM-RX-92 Dual Relay Receiver     |
| CM-RFL25204F-SD  | (1) CM-2520/4F WHEELCHAIR & 'POUSSEZ POUR OUVRIR', (1) CM-53 Surface Box, (2) CM-TX-9 Transmitters, (1) CM-RX-92 Dual Relay Receiver    |
| CM-RFL25202-LPD  | (1) CM-2520/2 WHEELCHAIR symbol, (1) CM-43LPB Surface Box, (2) CM-TX-9 Transmitters, (1) CM-RX-92 Dual Relay Receiver                   |
| CM-RFL25203-LPD  | (1) CM-2520/3 'PUSH TO OPEN', (1) CM-43LPB Surface Box, (2) CM-TX-9 Transmitters, (1) CM-RX-92 Dual Relay Receiver                      |
| CM-RFL25203F-LPD | (1) CM-2520/3F 'POUSSEZ POUR OUVRIR', (1) CM-43LPB Surface Box, (2) CM-TX-9 Transmitters, (1) CM-RX-92 Dual Relay Receiver              |
| CM-RFL25204-LPD  | (1) CM-2520/4 WHEELCHAIR symbol & 'PUSH TO OPEN', (1) CM-43LPB Surface Box, (2) CM-TX-9 Transmitters, (1) CM-RX-92 Dual Relay Receiver  |
| CM-RFL25204F-LPD | (1) CM-2520/4F WHEELCHAIR & 'POUSSEZ POUR OUVRIR', (1) CM-43LPB Surface Box, (2) CM-TX-9 Transmitters, (1) CM-RX-92 Dual Relay Receiver |



CM-2520



CM-43LPB



CM-53



# WIRELESS DOOR CONTROLS

## DOOR ACTIVATION DEVICES

### SWITCH KIT OPTIONS:

| WIRELESS RECEIVERS                          |   |
|---|---|
| -B  | Replace "A" suffix in kit model number with "B" suffix to order RX-91 receiver in place of RX-90 receiver |
| -D  | Replace "A" suffix in kit model number with "D" suffix to order RX-92 receiver in place of RX-90 receiver |
| ARCHITECTURAL FINISHES                      |   |
| -AB   | Add 'AB' to product # for (2) antique brass finish (US5 / 609)  |
| -SB   | Add 'SB' to product # for (2) satin brass finish (US4 / 606)  |
| -OB   | Add 'OB' to product # for (2) oil rub bronze finish (US10B / 613)   |
| -PB   | Add 'PB' to product # for (2) polished brass (US3 / 605)  |
| WATER TIGHT                                 |   |
| -WT   | Add suffix to any RFL kit (2) 'WT' water tight  |
| LITHIUM BATTERIES                           |   |
| -L3   | Add suffix 'L3' for (4) 'AAA' Lithium Batteries   |
| VESTIBULE SWITCHES                          |   |
| Add suffix for (1) CM-RX-90 or (1) CM-RX-92 |   |
| -V  | Add '-V' to add CM-RFL2520 kit, with CM-43CBLA surface box.   |
| -LV   | Add '-LPV' to add CM-RFL2520 kit, with CM-43LPB shallow box.  |



CM-XXX-AB

CM-XXX-SB



CM-XXX-OB



CM-XXX-PB



CM-XXX-V

## 915 Mhz. Battery Powered Wireless Door Control System

## LAZERPOINT RF™ BY CAMDEN

Lazerpoint RF™ offers the widest range of transmitters, receivers, activation devices and switch enclosures. Available in complete switch packages for your automatic door installation - all at an economical price!





## DOOR ACTIVATION DEVICES

### CM-SR SERIES: RECEIVER AND TRANSMITTERS

*CM-SR Series wireless systems includes a high security stand-alone wireless receiver with (2) Form 'C' relay outputs. The receiver features a rugged construction with a built-in antenna for mounting indoors or outdoors. The system is designed to activate or deactivate locking devices, such as magnetic locks and electric strikes, and automatic gate and door operators. Ideal for one or two door access control in retail, commercial, and healthcare facilities.*



CM-SRFM2

#### Features

##### CM-SRX2 Relay Receiver:

- 868Mhz. high security rolling code, with 19 trillion combinations
- 2-channel receiver
- 1st relay momentary, 2nd relay momentary or latching operation
- 30 transmitter (fob) capacity
- Easy transmitter enrollment
- Built in antenna

- IP65 rated weather-resistant enclosure

- Kit includes (1) receiver and (2) two button fobs

##### CV-WTX2 Two Button Fob:

- Ultra compact fob transmitter
- Rugged water-resistant construction
- 2-year battery life and low battery indication

#### Specifications

|                 |   |
|-----------------|---|
| Voltage:        | CM-SRX2: 12/24V, AC/DC<br>CV-WTX2: 3 VDC, CR2023 type battery   |
| Frequency:      | 868.35 Mhz.   |
| Current Draw:   | CM-SRX2: (Max) 80mA<br>CV-WTX2: 12mA  |
| Relay:          | (2) SPDT contacts rated 1A @ 30VDC  |
| Operating Temp: | -4F to 185F (-20C to +85C)  |
| Dimensions:     | <b>CM-SRX2:</b><br>3-1/4"W x 7-3/8"H x 1-5/8"D<br>(82mm x 187mm x 41mm)<br><b>CV-WTX2:</b><br>1-1/2"W x 2-1/8"H x 3/8"D<br>(38mm x 54mm x 10mm) |

#### MODELS

|          |  |
|----------|--|
| CM-SRX2  | 2 channel 868 Mhz. wireless receiver   |
| CV-WTX2  | Ultra compact two button key fob   |
| CM-SRFM2 | Secure wireless kit, includes (1) CM-SRX2 wireless receiver and (2) CV-WTX2 two button key fob |

## The Industry's Most Trusted Wireless System!

- Patented frequency hopping wireless technology
  - The longest battery life (alkaline or lithium)
  - Built-in controller, including door sequencing
- Wireless wall switch transmitters, 1, 2 & 4 button fobs, touchless switches and keypads



## ENCLOSURES AND MOUNTING BOXES

Camden offers **the industry's most extensive range** of ABS plastic and metal boxes, enclosures and trim rings for flush, semi-flush and surface mounting. ABS plastic models are flame and vandal resistant and are ideal for use with wireless door control transmitters.

### Features

- Narrow, single gang and double gang enclosures, in a variety of configurations
- ABS plastic models are suitable for use with radio controls
- Offset models will fit on door jambs or sidelights
- Stainless steel models (flush and surface) provide attractive mounting options for our stainless switches
- Plastic models are constructed of sturdy flame-proof ABS, and are UV stabilized

### NARROW / JAMB MOUNTING BOXES

|           |   |
|-----------|---|
| CM-23     | SURFACE BOX, Standard Depth, Flame and impact resistant black polymer (ABS) 4-5/8"H x 1-3/4"W x 2-1/16"D  |
| CM-23CP   | Narrow/jamb stainless steel cover plate   |
| CM-23D    | SURFACE BOX, Deep - For wireless. Flame and impact resistant black polymer (ABS) 4-5/8"H x 1-3/4"W x 1-1/2"D                                      |
| CM-23DSER | SURFACE BOX with Extension Ring, Extra Deep - For CM-333 & 336 Series. Flame and impact resistant black polymer (ABS) 4-5/8"H x 1-3/4"W x 1-7/8"D |

### SINGLE GANG MOUNTING BOXES

|          |   |
|----------|---|
| CM-34AL  | SURFACE BOX, Standard Depth, threaded conduit entry. Heavy duty cast aluminum 4-1/2"H x 2-3/4"W x 1-3/4"D |
| CM-34BL  | SURFACE BOX, Standard Depth. Double wall, flame/Impact resistant black ABS 4-1/2"H x 2-3/4"W x 1-3/4"D    |
| CM-34CP  | Single gang stainless steel cover plate   |
| CM-34D   | SURFACE BOX, Extra Deep - For wireless. Heavy duty grey polymer 4-1/2"H x 2-3/4"W x 3"D                   |
| CM-CPC1  | Vandal and weather resistant clear lift cover for any Camden single gang flush push button or key switch  |
| CM-120G  | Rubber gasket for any stainless steel single gang faceplate   |
| CM-RH-SG | Stainless steel, single gang rain hood  |

### DOUBLE GANG / SQUARE MOUNTING BOXES

|           |   |
|-----------|---|
| CM-43CBL  | SURFACE BOX, Standard Depth, provision for wireless. Double wall, flame/impact resistant black polymer (ABS) 4-1/2"H x 4-1/2"W x 2"D  |
| CM-43CBLA | SURFACE BOX, Standard depth. For use with SureWave™ double gang no-touch switches. Double wall, flame/Impact resistant black polymer (ABS) 5"W x 5"H x 2"D. See page 63 for all SureWave™ mounting boxes and box conversion kits. |
| CM-43CP   | Double gang stainless steel cover plate   |
| CM-43G    | Gasket. For <b>CM-43CBL</b> and <b>CM-63CBL</b> Boxes   |



CM-23



CM-23CP



CM-23D



CM-23DSER



CM-34AL



CM-34BL



CM-34CP



CM-34D



CM-CPC1



CM-RH-SG



CM-43CBL



CM-43CP



## DOOR ACTIVATION DEVICES

| DOUBLE GANG / SQUARE MOUNTING BOXES (CONTINUED) |   |
|---|---|
| CM-43LP   | SURFACE BOX, Shallow depth, provision for wireless, flame/impact resistant black polymer (ABS) 5" x 5" x 1-3/8". For use with <b>CM-45/46</b> push plate switches<br>Add suffix 'A' for use with: <b>CM-324/325/336</b> Series double gang Hands Free Switches<br>Add suffix 'B' for use with <b>CM-2520</b> double gang vestibule switches |
| CM-43GMK  | Glass Mount Kit. For <b>CM-43LP</b> Box   |
| CM-44   | SURFACE BOX, Shallow Depth, offset mount (on jamb). Stainless Steel 4-1/2" H x 4-1/2" W x 5/8" D. For use with <b>CM-45 &amp; 46 Series</b>   |
| CM-48AL   | SURFACE KIT, Shallow Depth. Anodized aluminum 4-1/2" H x 4-1/2" W x 3/4" D. For use with <b>CM-45/46 Series</b>   |
| CM-53   | SURFACE BOX, Standard depth. Double wall, flame/Impact resistant black polymer (ABS) 4-1/2" H x 4-1/2" W x 2" D. For use with <b>CM-2510/2520</b>   |
| CM-54CBL  | SURFACE BOX (non-Illuminated, matches <b>CM-54i</b> ). Standard Depth, flame/Impact resistant black polymer (ABS) 5-1/4" W X 5-1/4" H X 2"D   |
| CM-54i  | SURFACE, 4-1/2" Square, Aura™ illuminated. Enclosure, green/red   |
| CM-55CBL  | FLUSH BOX. Standard Depth, flame/Impact resistant black polymer (ABS) 6-1/2" H x 6-1/2" W x 2"D. For use with <b>CM-45/46 Series</b>  |
| CM-55i  | FLUSH, 4-1/2" Square, Aura™ illuminated. Enclosure, green/red   |
| CM-RH-DG  | Stainless steel, double gang rain hood  |
| CM-63CBL  | SURFACE BOX, Standard depth, provision for wireless. Flame and impact resistance black polymer (ABS) 4-1/2" H x 4-1/2" W x 2" D. For use with <b>CM-60 Series</b> switches  |
| CM-68AL   | SURFACE KIT, Shallow Depth. Anodized aluminum, clear 4" H x 4" W x 3/4" D. For use with <b>CM-60 Series</b>   |
| CM-68BZ   | SURFACE KIT, Shallow Depth. Anodized aluminum, dark bronze 4" H x 4" W x 3/4" D. For use with <b>CM-60 Series</b>   |
| CM-440  | 5" DRESS PLATE, single gang. Heavy gauge stainless steel. For 4-1/2" switches   |
| CM-540B   | SURFACE BOX, Shallow Depth. Flame and impact resistant black polymer (ABS) 4-13/16" H x 4-13/16" W x 5/8" D   |
| CM-660  | 6-1/2" DRESS PLATE, Cover for double gang or 4" square flush box. Heavy gauge stainless steel. For 6" switches  |
| ROUND MOUNTING BOXES FOR 4-1/2" SWITCHES        |   |
| CM-47S  | SURFACE, ROUND, Standard Depth, provision for wireless. Flame and impact resistant black polymer (ABS), 5" dia. x 2-1/8" D  |
| CM-47-ADP1                                      | Retrofit extension ring & hardware for CM-47S mounting box  |
| CM-47SER  | SURFACE, ROUND, Extra Deep, for Kinetic by Camden™ CM-40K switches  |
| CM-57CBL  | FLUSH, ROUND, Standard Depth, flame / impact resistant black polymer (ABS) x 6-5/8" dia. x 2"D  |
| CM-57GR   | FLUSH, ROUND, Aura™ (Illuminated Green/Red). Standard Depth, flame/impact resistant black polymer (ABS) x 6-5/8" dia. x 2"D   |
| CM-570B   | SURFACE ROUND, Shallow Depth, Flame and impact resistant black polymer (ABS) 4-11/16" dia. x 5/8"D  |
| ROUND MOUNTING BOXES FOR 6" SWITCHES            |   |
| CM-69S  | SURFACE, ROUND Standard Depth, provision for wireless. Flame/impact resistant black polymer (ABS), 6-1/2" dia. x 2-1/8"D  |
| CM-69-ADP1                                      | Retrofit extension ring & hardware for CM-69S mounting box  |
| CM-69SER  | SURFACE ROUND, Extra Deep, for Kinetic by Camden™ CM-60K & SureWave™ 'R' suffix 6" round switches   |



CM-43LP



CM-43GMK



CM-44



CM-48AL



CM-53



CM-54CBL



CM-54i



CM-55i



CM-RH-DG



CM-68AL



CM-440



CM-540B



CM-47S



CM-47SER



CM-57CBL



CM-570B



CM-69S



CM-69SER

### CM-49, 79, 59S AND 89S: SURFACE AND FLUSH MOUNT ESCUTCHEONS (FOR ROUND PUSH PLATE SWITCHES)

Camden offers a range of **flame and vandal resistant** low profile escutcheons for mounting 4-1/2" and 6" round push plate switches. ABS escutcheons feature a patented 2-piece design and may be ordered as complete 'kits' or individual parts. Stainless steel escutcheons feature one piece heavy gauge construction.

#### Features

- Exclusive 2 piece ABS escutcheons can be surface mounted or mounted on in-wall single gang, double gang or 4" square electrical boxes
- Heavy gauge stainless steel escutcheons provide an attractive, rugged look
- ABS models are designed for use with Lazerpoint RF™ 915 Mhz. wireless wall switch transmitters

#### FOR 4-1/2" ROUND SWITCH - STAINLESS STEEL ESCUTCHEON

CM-59S Surface, Round, Standard Depth. Heavy gauge stainless steel, 7-3/4" x 1-1/18"D

#### FOR 4-1/2" ROUND SWITCH - ABS SPACESHIP ESCUTCHEON

CM-49 Surface/Flush Mount Kit, includes **CM-49A, CM-49B, CM-49C & CM-49G**, 8-3/4" x 2"D

CM-49A Flush enclosure only (fits single gang box), 7" x 13/16"D

CM-49AK Flush Mount Kit, includes **CM-49A, CM-49C & CM-49G**, (fits single, double and 4 x 4 boxes), 7" x 13/16"D

CM-49B Surface mount enclosure only (must be used with **CM-49A**), 8-3/4" x 1"D

CM-49C Adapter plate for mounting on double gang or 4" Square box, 4" x 1/16"D

CM-49G Gasket for **CM-49A** OR **CM-49B**, 6-1/4" x 1/8"D

#### FOR 6" ROUND SWITCH - STAINLESS STEEL ESCUTCHEON

CM-89S Surface, round standard depth. Heavy gauge stainless steel, 9-5/8" x 1-1/2"D

#### FOR 6" ROUND SWITCH - ABS SPACESHIP ESCUTCHEON

CM-79 Surface/Flush Mount Kit, includes **CM-79A, CM-79B, CM-49C & CM-79G**, 9-5/8" x 2"D

CM-79A Flush enclosure only (fits single gang box), 8" x 3/4"D

CM-79AK Flush Mount Kit, includes **CM-79A, CM-49C & CM-79G**, (fits single, double and 4 x 4 boxes), 8" x 3/4"D

CM-79B Surface mount enclosure only (must be used with **CM-79A**), 9-5/8" x 1-1/8"D

CM-79G Gasket for **CM-79A** or **CM-79B**, 7-1/4" x 1/8"D



CM-59S



CM-49A CM-49B  
(Shown with TX-9 Transmitter)



CM-89S



CM-79A CM-79B  
(Shown with TX-9 Transmitter)

## MOUNTING POSTS

Mounting posts are available in 42" (36" switch height) and 48" (42" switch height) models with **extruded aluminum or stainless steel**. They feature heavy duty, 1/8" thick construction. Stainless steel posts are brush finished. Aluminum posts are available in clear aluminum, dark bronze and mill (suitable for painting) finishes. They're supplied with a flame and vandal resistant cap, heavy-duty steel mounting base, and stainless steel fasteners. Optional in-ground (concrete) mounting base available.

### Features

- Aluminum or stainless steel construction
- Models for 36" or 42" switch height
- Heavy duty post mounting base (for anchoring on existing concrete pad)
- Option for cut-out preparation. Custom cut-out preparations upon request
- Easy installation and service of Lazerpoint RF™ wireless switch transmitter and batteries

### ALUMINUM MOUNTING POSTS

#### CLEAR FINISH (BHMA 628, US28)

|               |  |
|---------------|--|
| CM-42-CSU-CLR | 42" Tall, No switch prep, 6" x 6" clear aluminum                                       |
| CM-42-BSU-CLR | 42" Tall, (36" Switch Height) single gang prep, 6" x 6" clear aluminum                 |
| CM-42-DSU-CLR | 42" Tall, prep for <b>CM-7536</b> switch, 6" x 6" clear aluminum                       |
| CM-42-ESU-CLR | 42" Tall bollard, clear alum, switch prep at 7-1/2" & 36" (c-to-c) height, from bottom |
| CM-48-CSU-CLR | 48" Tall, (42" Switch Height), no switch prep, 6" x 6" clear aluminum                  |
| CM-48-BSU-CLR | 48" Tall, (42" Switch Height), single gang prep, 6" x 6" clear aluminum                |
| CM-48-DSU-CLR | 48" Tall, prep for <b>CM-7536</b> switch, 6" x 6" clear aluminum                       |
| CM-48-ESU-CLR | 48" Tall bollard, clear alum, switch prep at 7-1/2" & 42" (c-to-c) height, from bottom |

#### BRONZE FINISH (BHMA 710, 313AN)

|               |   |
|---------------|---|
| CM-42-CSU-BRZ | 42" Tall No switch prep, 6" x 6" bronze finish                        |
| CM-42-BSU-BRZ | 42" Tall, (36" Switch Height) single gang prep, 6" x 6" bronze finish |
| CM-42-DSU-BRZ | 42" Tall, prep for <b>CM-7536</b> switch, 6" x 6" dark bronze         |
| CM-48-CSU-BRZ | 48" Tall bollard w/no switch prep, dark bronze                        |
| CM-48-BSU-BRZ | 48" Tall, (42" Switch Height) single gang prep, 6" x 6" bronze finish |
| CM-48-DSU-BRZ | 48" Tall, prep for <b>CM-7536</b> switch, 6" x 6" dark bronze         |

#### MILL FINISH

|               |   |
|---------------|---|
| CM-42-CSU-MIL | 42" Tall, No switch prep, 6" x 6" mill finish                       |
| CM-42-BSU-MIL | 42" Tall, (36" Switch Height) Single gang prep, 6" x 6" mill finish |
| CM-48-BSU-MIL | 48" Tall, (42" Switch Height) Single gang prep, 6" x 6" mill finish |

### STAINLESS STEEL MOUNTING POSTS

|              |  |
|--------------|--|
| CM-42-BSU-SS | 42" Tall, single gang switch prep, 6" x 6" stainless steel |
| CM-42-DSU-SS | 42" Extruded stainless steel bollard                       |
| CM-48-BSU-SS | 48" Tall, single gang switch prep, 6" x 6" stainless steel |
| CM-48-DSU-SS | 48" Extruded stainless steel bollard                       |

### IN GROUND BASE

|           |   |
|-----------|---|
| CM-xxx-IG | In Ground Mounting Base with rebar (for setting in poured concrete pad). Supplied in place of standard post mounting base |
| CM-42-IG  | Stand-alone in ground mounting base with rebar  |



CM-42

(Optional Push Plate Sold Separately)



CM-48-DSU-BRZ

(Column Switch Sold Separately)



CM-42IG

(In-ground mounting base)

# SWITCH AND ENCLOSURE COMPATIBILITY CHART

## DOOR ACTIVATION DEVICES

| STYLE                |         | BOX / ENCLOSURE                      | DIMENSIONS<br>W X H X D (INCHES) | MATERIAL<br>TYPE * |       |       |       |        |       |        |       |          |           |       |        |        |        |        |        |
|----------------------|---------|--------------------------------------|----------------------------------|--------------------|-------|-------|-------|--------|-------|--------|-------|----------|-----------|-------|--------|--------|--------|--------|--------|
|                      |         |                                      |                                  |                    | CM-25 | CM-30 | CM-35 | CM-35K | CM-40 | CM-40K | CM-41 | CM-45/46 | CM-45/46K | CM-60 | CM-60K | CM-160 | CM-170 | CM-180 | CM-195 |
| NARROW / JAMB        | SURFACE | CM-23                                | 1-3/4" x 4-5/8" x 1-1/4"         | P                  | ✓     |       |       |        |       |        |       |          |           |       |        |        |        |        |        |
|                      |         | CM-23D<br>(RF Suitable)              | 1-3/4" x 4-5/8" x 1-1/2"         | P                  | ✓     |       |       |        |       |        |       |          |           |       |        |        | ✓      |        |        |
|                      |         | CM-23DSER                            | 1-3/4" x 4-5/8" x 2-1/16"        | P                  |       |       |       |        |       |        |       |          |           |       |        |        |        |        |        |
| SINGLE GANG          | SURFACE | CM-34AL                              | 2-3/4" x 4-1/2" x 1-3/4"         | A                  |       |       |       |        |       |        |       |          |           |       |        |        |        | ✓      | ✓      |
|                      |         | CM-34BL                              | 2-3/4" x 4-1/2" x 1-3/4"         | P                  |       |       |       | ✓      | ✓     |        |       |          |           |       |        |        |        | ✓      | ✓      |
|                      |         | CM-34D                               | 2-3/4" x 4-1/2" x 3"             | P                  |       |       | ✓     |        |       |        |       |          |           |       |        |        |        |        |        |
| DOUBLE GANG / SQUARE | SURFACE | CM-43CBL                             | 5" x 5" x 2"                     | P                  |       |       |       |        |       |        |       | ✓        | ✓         |       |        |        |        |        |        |
|                      |         | CM-43CBLA                            | 5" x 5" x 2"                     | P                  |       |       |       |        |       |        |       | ✓        | ✓         |       |        |        |        |        |        |
|                      |         | CM-43LP                              | 5" x 5" x 1-3/8"                 | P                  |       |       |       |        |       |        |       | ✓        | ✓         |       |        |        |        |        |        |
|                      |         | CM-43LPB                             | 5" x 5" x 1-3/8"                 | P                  |       |       |       |        |       |        |       |          |           |       |        |        |        |        |        |
|                      |         | CM-44                                | 4-1/2" x 4-1/2" x 5/8"           | S                  |       |       |       |        |       |        |       | ✓        | ✓         |       |        |        |        |        |        |
|                      |         | CM-48AL                              | 4-1/2" x 4-1/2" x 3/4"           | A                  |       |       |       |        |       |        |       | ✓        | ✓         |       |        |        |        |        |        |
|                      |         | CM-53                                | 4-1/2" x 4-1/2" x 2"             | P                  |       |       |       |        |       |        |       | ✓        | ✓         |       |        |        |        |        |        |
|                      |         | CM-540B                              | 4-13/16" x 4-13/16" x 5/8"       | P                  |       |       |       |        |       |        |       | ✓        | ✓         |       |        |        |        |        |        |
|                      |         | CM-54i                               | 5-1/4" x 5-1/4" x 2"             | P                  |       |       |       |        |       |        |       | ✓        | ✓         |       |        |        |        |        |        |
|                      |         | CM-54CBL                             | 5-1/4" x 5-1/4" x 2"             | P                  |       |       |       |        |       |        |       | ✓        | ✓         |       |        |        |        |        |        |
|                      |         | CM-63CBL                             | 4-1/2" x 4-1/2" x 2"             | P                  |       |       |       |        |       |        |       |          |           |       | ✓      | ✓      |        |        |        |
|                      |         | CM-68AL/BZ                           | 4" x 4" x 3/4"                   | A                  |       |       |       |        |       |        |       |          |           |       | ✓      | ✓      |        |        |        |
|                      | FLUSH   | CM-55CBL                             | 6-1/2" x 6-1/2" x 2"             | P                  |       |       |       |        |       |        |       | ✓        | ✓         |       |        |        |        |        |        |
|                      |         | CM-55i                               | 6-1/2" x 6-1/2" x 2"             | P                  |       |       |       |        |       |        |       | ✓        | ✓         |       |        |        |        |        |        |
| 4-1/2" ROUND         | SURFACE | CM-47S                               | 5" x 2-1/8" dia.                 | P                  |       |       |       |        |       | ✓      | ✓     |          |           |       |        |        |        |        |        |
|                      |         | CM-47SER                             | 5" x 2-5/8" dia.                 | P                  |       |       |       |        |       | ✓      | ✓     |          |           |       |        |        |        |        |        |
|                      |         | CM-49                                | 8-3/4" x 2" dia.                 | P                  |       |       |       |        |       | ✓      | ✓     |          |           |       |        |        |        |        |        |
|                      |         | CM-570B                              | 4-11/16" x 5/8" dia.             | P                  |       |       |       |        |       | ✓      | ✓     |          |           |       |        |        |        |        |        |
|                      |         | CM-59S                               | 7-3/4" x 1-1/8" dia.             | P                  |       |       |       |        |       | ✓      | ✓     |          |           |       |        |        |        |        |        |
|                      | FLUSH   | CM-57CBL                             | 6 5/8" x 2" dia.                 | P                  |       |       |       |        |       | ✓      | ✓     |          |           |       |        |        |        |        |        |
|                      |         | CM-57GR                              | 6 5/8" x 2" dia.                 | P                  |       |       |       |        |       | ✓      | ✓     |          |           |       |        |        |        |        |        |
| 6" ROUND             | SURFACE | CM-69S                               | 6-1/2" x 2-1/8" dia.             | P                  |       |       |       |        |       |        |       |          |           |       | ✓      | ✓      |        |        | ✓      |
|                      |         | CM-69SER                             | 6-1/2" x 2-5/8" dia.             | P                  |       |       |       |        |       |        |       |          |           |       | ✓      | ✓      |        |        |        |
|                      |         | CM-79                                | 9-5/8" x 2" dia.                 | P                  |       |       |       |        |       |        |       |          |           |       | ✓      | ✓      |        | ✓      |        |
|                      |         | CM-89S                               | 9-5/8" x 1-1/2" dia.             | S                  |       |       |       |        |       |        |       |          |           |       | ✓      | ✓      |        |        |        |
| ALSO FIT:            |         | JAMB MOUNT (1-3/4" FRAMING)          |                                  |                    | ✓     |       |       |        |       |        |       |          |           |       |        | ✓      | ✓      |        |        |
|                      |         | SINGLE GANG ELECTRICAL BOX           |                                  |                    |       |       | ✓     |        | ✓     | ✓      | ✓     | ✓        | ✓         | ✓     | ✓      |        |        | ✓      | ✓      |
|                      |         | DOUBLE GANG, 4" x 4", ELECTRICAL BOX |                                  |                    |       |       |       |        |       |        |       | ✓        | ✓         | ✓     | ✓      | ✓      |        |        |        |

Note: \*Enclosure Material Code: P = Flame Retardant Polymer, A = Aluminium, S = Stainless Steel

# SWITCH AND ENCLOSURE COMPATIBILITY CHART

## DOOR ACTIVATION DEVICES

| BOX /<br>ENCLOSURE<br>DETAILS ON PG. 86-88 | CM-221 | CM-250 | CM-300 | CM-310 | CM-310EE | CM-324 | CM-325 | CM-333 | CM-336 | CM-400/4000 | CM-700 | CM-1100/1200 | CM-2000/2200 | CM-2510/2520 | CM-3000 | CM-3100 | CM-3200/3500 | CM-4085-8085 | CM-5000 | CM-6000 | CM-7000 | CM-8000 | CM-9000 |
|--|--------|--------|--------|--------|----------|--------|--------|--------|--------|-------------|--------|--------------|--------------|--------------|---------|---------|--------------|--------------|---------|---------|---------|---------|---------|
| CM-23                                      | √N     | √      |        | √      |          |        |        |        |        |             |        |              |              |              |         |         |              |              |         |         |         |         | √       |
| CM-23D<br>(RF Suitable)                    |        | √      |        | √      |          | √N     | √N     |        |        |             |        |              |              | √            |         |         |              |              |         |         |         |         |         |
| CM-23DSER                                  |        |        |        |        |          |        |        |        | √      | √           |        |              |              |              |         |         |              |              |         |         |         |         |         |
| CM-34AL                                    | √      |        | √      |        |          | √      | √      |        |        |             | √      | √            | √            |              |         |         |              |              |         | √       |         | √       | √       |
| CM-34BL                                    | √      |        | √      |        |          | √      | √      | √      | √      | √           | √      | √            | √            |              |         |         |              |              |         |         |         | √       | √       |
| CM-34D                                     |        |        |        |        |          | √      | √      |        |        |             |        |              |              |              |         | √       |              | √            | √       | √       | √       | √       |         |
| CM-43CBL                                   |        |        |        |        |          |        |        |        |        |             |        |              |              |              |         |         |              |              |         |         |         |         |         |
| CM-43CBLA                                  |        |        |        |        |          | √W     | √W     | √W     | √W     |             |        |              |              |              |         |         |              |              |         |         |         |         |         |
| CM-43LP                                    |        |        |        |        |          | √W     | √W     | √W     |        |             |        |              |              |              |         |         |              |              |         |         |         |         |         |
| CM-43LPB                                   |        |        |        |        |          |        |        |        |        |             |        |              |              |              | √       |         |              |              |         |         |         |         |         |
| CM-44                                      |        |        |        |        |          |        |        |        |        |             |        |              |              |              |         |         |              |              |         |         |         |         |         |
| CM-48AL                                    |        |        |        |        |          |        |        |        |        |             |        |              |              |              |         |         |              |              |         |         |         |         |         |
| CM-53                                      | √W     |        |        |        |          |        |        |        |        |             |        |              |              |              | √       |         | √            |              |         |         |         |         |         |
| CM-540B                                    |        |        |        |        |          |        |        |        |        |             |        |              |              |              |         |         |              |              |         |         |         |         |         |
| CM-54i                                     |        |        |        |        |          |        |        |        |        |             |        |              |              |              |         |         |              |              |         |         |         |         |         |
| CM-54CBL                                   |        |        |        |        |          |        |        |        |        |             |        |              |              |              |         |         |              |              |         |         |         |         |         |
| CM-63CBL                                   |        |        |        |        |          |        |        |        |        |             |        |              |              |              |         |         |              | √            |         |         |         |         |         |
| CM-68AL/BZ                                 |        |        |        |        |          |        |        |        |        |             |        |              |              |              |         |         |              |              |         |         |         |         |         |
| CM-55CBL                                   |        |        |        |        |          |        |        |        |        |             |        |              |              |              |         |         |              |              |         |         |         |         |         |
| CM-55i                                     |        |        |        |        |          |        |        |        |        |             |        |              |              |              |         |         |              |              |         |         |         |         |         |
| CM-47S                                     |        |        |        |        |          |        |        |        |        |             |        |              |              |              |         |         |              |              |         |         |         |         |         |
| CM-47SER                                   |        |        |        |        |          | √R     | √R     | √R     |        |             |        |              |              |              |         |         |              |              |         |         |         |         |         |
| CM-49                                      |        |        |        |        |          |        |        |        |        |             |        |              |              |              |         |         |              |              |         |         |         |         |         |
| CM-570B                                    |        |        |        |        |          |        |        |        |        |             |        |              |              |              |         |         |              |              |         |         |         |         |         |
| CM-59S                                     |        |        |        |        |          |        |        |        |        |             |        |              |              |              |         |         |              |              |         |         |         |         |         |
| CM-57CBL                                   |        |        |        |        |          |        |        |        |        |             |        |              |              |              |         |         |              |              |         |         |         |         |         |
| CM-57GR                                    |        |        |        |        |          |        |        |        |        |             |        |              |              |              |         |         |              |              |         |         |         |         |         |
| CM-69S                                     |        |        |        | √      | √        | √      | √      | √      |        |             |        |              |              |              |         |         |              |              |         |         |         |         |         |
| CM-69SER                                   |        |        |        |        | √R       | √R     | √R     |        | √R     |             |        |              |              |              |         |         |              |              |         |         |         |         |         |
| CM-79                                      |        |        | √      |        |          |        |        |        |        |             |        |              |              |              |         |         |              |              |         |         |         |         |         |
| CM-89S                                     |        |        |        |        |          |        |        |        |        |             |        |              |              |              |         |         |              |              |         |         |         |         |         |
| JAMB MOUNT                                 |        | √      |        |        |          | xN     | xN     | xN     |        |             |        |              |              | √            |         |         | √            |              |         |         |         |         |         |
| SINGLE GANG                                |        |        | √      |        |          | √      | √      | √      | √      | √           | √      | √            |              |              |         |         | √            |              |         |         |         |         |         |
| DOUBLE GANG                                |        |        |        |        |          | √W     | √W     | √W     | √W     |             | √      |              |              |              | √       | √       |              |              |         |         |         |         |         |

See SureWave™ Mounting Box Conversion Kits on Page 63



# KEY SWITCHES

## DOOR ACTIVATION DEVICES

### CM-1000 SERIES: SURFACE MOUNT KEY SWITCHES - CAST ALUMINUM FACEPLATE

CM-1000 key switches offer a vandal resistant 1/4" thick aluminum faceplate and are designed for high traffic outdoor or indoor use. They are supplied with a weatherproof gasket and cast aluminum surface mount box, with a 1/2" threaded conduit opening for wall, pipe, or pedestal mounting.

#### Features

- Supplied with heavy duty diecast surface box
- Accepts standard mortise cylinders (1" - 1-1/4")
- Heavy duty 1/4" thick aluminum plate
- Cylinder sits flush to faceplate
- Tamper proof screws & driver provided
- No set screws required
- Color coded 18 AWG soldered leads
- Heat shrink protective sleeve over contacts
- Complete range of 1 and 2 switch SPST, SPDT, and DPDT models, momentary and maintained
- 3 year warranty

Note: See page 96 & 98 for LED and faceplate options

#### MODELS

|         |  |
|---------|--|
| CM-1000 | Surface mount key switch, SPST Momentary, N/O              |
| CM-1005 | Surface mount key switch, SPST Momentary, N/C              |
| CM-1010 | Surface mount key switch, SPST Maintained                  |
| CM-1020 | Surface mount key switch, SPDT N.O. & N.C. Momentary       |
| CM-1030 | Surface mount key switch, SPDT N.O. & N.C. Maintained      |
| CM-1050 | Surface mount key switch, (2) SPDT Momentary               |
| CM-1060 | Surface mount key switch, (2) SPDT Maintained              |
| CM-1070 | Surface mount key switch, SPDT Momentary & SPDT Maintained |
| CM-1080 | Surface mount key switch, DPDT Momentary                   |
| CM-1082 | Surface mount key switch, (2) DPDT Momentary               |
| CM-1090 | Surface mount key switch, DPDT Maintained                  |
| CM-1092 | Surface mount key switch, (2) DPDT Maintained              |



CM-1000  
(Mortise cylinder sold separately)

#### Specifications

|                 |  |
|-----------------|--|
| Voltage:        | 12/24V AC/DC                                       |
| Contact Rating: | 6A @ 30 VDC  |
| Switch Life:    | 100,000 cycles                                     |
| Std. Finish:    | Brushed aluminum                                   |
| Temp Range:     | 32°F - 85°F (0°C to +30°C)                         |
| Dimensions:     | 4-1/2" H x 2-3/4" W x 2"D<br>(114mm x 70mm x 51mm) |

#### 1. SPST

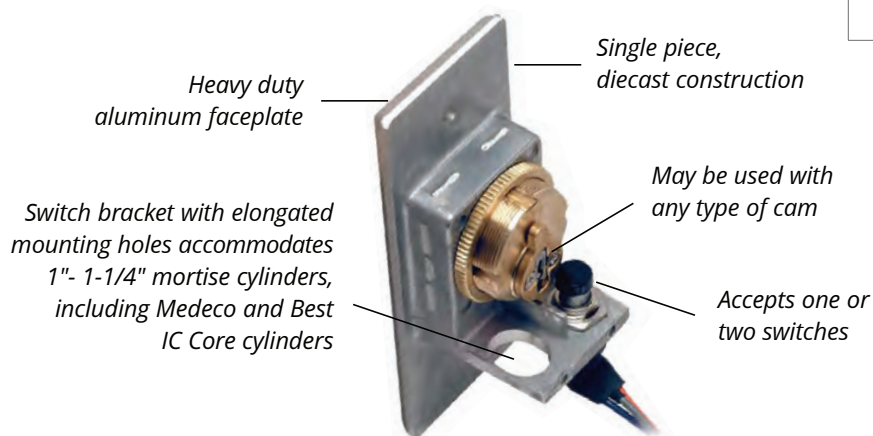
Single Pole, Single Throw Switch may be ordered with normally open (N/O) or normally closed (N/C) contacts.

#### 2. SPDT

Single Pole, Double Throw Switch may be wired normally open (N/O) or normally closed (N/C).

#### 3. DPDT

Double Pole, Double Throw Switch may be wired normally open (N/O) or normally closed (N/C).





## CM-1100 / CM-2000: FLUSH MOUNT KEY SWITCHES - CAST ALUMINUM FACEPLATE

*Vandal resistant key switches feature a 1/4" thick faceplate, with one-piece faceplate and switch bracket design. 1 or 2 contact switches can be mounted. These key switches offer the widest range of stock switch configurations in the industry. They accept virtually any 1" - 1-1/4" mortise cylinder and cam (sold separately\*).*

### Features

- Indoor or outdoor flush applications
- Accepts standard mortise cylinders, 1" - 1-1/4"
- Heavy duty 1/4" thick aluminum plate
- 1 piece die cast construction
- Locators prevent cylinder from spinning
- Cylinder sits flush to faceplate
- Tamper proof screws and driver provided
- No set screw required
- 1 or 2 switches may be installed
- Heat shrink protective sleeve over contacts



**CM-1100**  
(LEDs optional. Mortise cylinder sold separately)



**CM-2000**  
(Mortise cylinder sold separately)

Note: See page 96 & 98 for LED and faceplate options

### SINGLE GANG KEY SWITCHES

|              |   |
|--------------|---|
| CM-1100      | Flush mount key switch, SPST Momentary, N/O                             |
| CM-1105      | Flush mount key switch, SPST Momentary, N/C                             |
| CM-1110      | Flush mount key switch, SPST Maintained                                 |
| CM-1120      | Flush mount key switch, SPDT N.O. & N.C. Momentary                      |
| CM-1120-60KD | Flush mount key switch, SPDT N.O. & N.C. Momentary - *INCLUDES CYLINDER |
| CM-1130      | Flush mount key switch, SPDT N.O. & N.C. Maintained                     |
| CM-1150      | Flush mount key switch, (2) SPDT Momentary                              |
| CM-1160      | Flush mount key switch, (2) SPDT Maintained                             |
| CM-1170      | Flush mount key switch, SPDT Momentary and SPDT Maintained              |
| CM-1180      | Flush mount key switch, DPDT Momentary                                  |
| CM-1182      | Flush mount key switch, (2) DPDT Momentary                              |
| CM-1190      | Flush mount key switch, DPDT Maintained                                 |
| CM-1192      | Flush mount key switch, (2) DPDT Maintained                             |

### NARROW KEY SWITCHES

|         |  |
|---------|--|
| CM-2000 | Flush mount key switch, SPST Momentary, N/O                |
| CM-2005 | Flush mount key switch, SPST Momentary, N/C                |
| CM-2010 | Flush mount key switch, SPST Maintained                    |
| CM-2020 | Flush mount key switch, SPDT Momentary                     |
| CM-2030 | Flush mount key switch, SPDT Maintained                    |
| CM-2050 | Flush mount key switch, (2) SPDT Momentary                 |
| CM-2060 | Flush mount key switch, (2) SPDT Maintained                |
| CM-2070 | Flush mount key switch, SPDT Momentary and SPDT Maintained |
| CM-2080 | Flush mount key switch, DPDT Momentary                     |
| CM-2082 | Flush mount jamb key switch, (2) DPDT Momentary            |
| CM-2090 | Flush mount key switch, DPDT Maintained                    |
| CM-2092 | Flush mount jamb key switch, (2) DPDT Maintained           |

### Specifications

|                 |   |
|-----------------|---|
| Voltage:        | 12/24V AC/DC  |
| Contact Rating: | 6A @ 30 VDC   |
| Switch Life:    | 100,000 cycles  |
| Temp Range:     | 32°F - 85°F (0°C to +30°C)  |
| Std. Finish:    | Brushed Aluminum  |
| Dimensions:     | <b>Single Gang:</b><br>4-1/2" H x 2-3/4" W x 1-1/2" D<br>(114mm x 70mm x 42mm)<br><b>Narrow:</b><br>4-1/2" H x 1-3/4" W x 1-1/2" D<br>(114mm x 44mm x 42mm) |

### Architectural Finishes

|          |   |
|----------|---|
| CM-xx-BZ | Add suffix 'BZ' to model number for Dark Bronze finish (BHMA 710/313AN) |
|----------|---|



# KEY SWITCHES

## DOOR ACTIVATION DEVICES

### CM-1200 / CM-2200 SERIES: FLUSH MOUNT KEY SWITCHES - STAINLESS STEEL FACEPLATE

'Camden Tough' **stainless steel key switches** are available in narrow and single gang widths. The preassembled switch mounting bracket is designed to minimize installation time. They accept virtually any 1" - 1-1/4" mortise cylinder (sold separately) and cam.



CM-1200

CM-2200

(Mortise cylinders sold separately)

#### Features

- Heavy duty stainless steel faceplate
- Complete range of 1 and 2 switch SPST, SPDT and DPDT models, momentary and maintained, left and/or right operation
- Locators prevent cylinders from spinning
- Accepts standard mortise cylinders, 1" - 1-1/4"
- Tamper proof screws and driver supplied
- Indoor or outdoor applications
- 3 year warranty

Note: See page 96 & 98 for LED and faceplate options

#### SINGLE GANG KEY SWITCHES

|         |  |
|---------|--|
| CM-1200 | Flush mount key switch, SPST Momentary, N/O                |
| CM-1205 | Flush mount key switch, SPST Momentary, N/C                |
| CM-1210 | Flush mount key switch, SPST Maintained                    |
| CM-1220 | Flush mount key switch, SPDT N.O. & N.C. Momentary         |
| CM-1230 | Flush mount key switch, SPDT N.O. & N.C. Maintained        |
| CM-1250 | Flush mount key switch, (2) SPDT Momentary                 |
| CM-1260 | Flush mount key switch, (2) SPDT Maintained                |
| CM-1270 | Flush mount key switch, SPDT Momentary and SPDT Maintained |
| CM-1280 | Flush mount key switch, DPDT Momentary                     |
| CM-1282 | Flush mount key switch, (2) DPDT Momentary                 |
| CM-1290 | Flush mount key switch, DPDT Maintained                    |
| CM-1292 | Flush mount key switch, (2) DPDT Maintained                |

#### NARROW KEY SWITCHES

|         |  |
|---------|--|
| CM-2200 | Flush mount key switch, SPST Momentary, N/O                |
| CM-2205 | Flush mount key switch, SPST Momentary, N/C                |
| CM-2210 | Flush mount key switch, SPST Maintained                    |
| CM-2220 | Flush mount key switch, SPDT Momentary                     |
| CM-2230 | Flush mount key switch, SPDT Maintained                    |
| CM-2250 | Flush mount key switch, (2) SPDT Momentary                 |
| CM-2260 | Flush mount key switch, (2) SPDT Maintained                |
| CM-2270 | Flush mount key switch, SPDT Momentary and SPDT Maintained |
| CM-2280 | Flush mount key switch, DPDT Momentary                     |
| CM-2282 | Flush mount key switch, (2) DPDT Momentary                 |
| CM-2290 | Flush mount key switch, DPDT Maintained                    |
| CM-2292 | Flush mount key switch, (2) DPDT Maintained                |

#### Specifications

|                 |  |
|-----------------|--|
| Voltage:        | 12/24V AC/DC   |
| Contact Rating: | 6A @ 30 VDC  |
| Switch Life:    | 100,000 cycles   |
| Temp Range:     | 32°F - 85°F (0°C to +30°C)   |
| Std. Finish:    | US32 / C32D  |
| Dimensions:     | <b>CM-1200 Series:</b><br>4-1/2"H x 2-3/4"W x 1-5/8"D<br>(114mm x 70mm x 41mm)<br><b>CM-2200 Series:</b><br>4-1/2"H x 1-3/4"W x 1-5/8"D<br>(114mm x 44mm x 41mm) |



## CM-3200 / CM-3500 SERIES: DOUBLE GANG KEY SWITCHES - STAINLESS STEEL FACEPLATE

'Camden Tough' **double gang key switches** offer thicker faceplates for better vandal resistance, rounded metal edges for safer installation and a preassembled switch mounting bracket to reduce installation time. They accept virtually any 1" - 1-1/4" mortise cylinder (sold separately) and cam.



### Features

- Complete range of 1 and 2 switch SPST, SPDT and DPDT models, momentary and maintained, left and/or right operation
- Accepts standard mortise cylinders, 1" - 1-1/4"
- Locators prevent cylinders from spinning
- Tamper proof screws and driver provided
- Up to 4 switches can be installed
- Color coded 18 AWG soldered leads
- 3 year warranty



**CM-3200**  
(Mortise cylinder sold separately)



**CM-3500**  
(Mortise cylinders sold separately)

Note: See page 96 & 98 for LED and faceplate options

### DOUBLE GANG KEY SWITCHES

|         |                                    |
|---------|------------------------------------|
| CM-3200 | SPST Momentary, N/O                |
| CM-3205 | SPST Momentary, N/C                |
| CM-3210 | SPST Maintained                    |
| CM-3220 | (1) SPDT N.O. & N.C. Momentary     |
| CM-3230 | (1) SPDT N.O. & N.C. Maintained    |
| CM-3250 | (2) SPDT Momentary                 |
| CM-3260 | (2) SPDT Maintained                |
| CM-3270 | SPDT Momentary and SPDT Maintained |
| CM-3280 | DPDT Momentary                     |
| CM-3282 | (2) DPDT Momentary                 |
| CM-3290 | DPDT Maintained                    |
| CM-3292 | (2) DPDT Maintained                |

### DOUBLE GANG DUAL CYLINDER KEY SWITCHES

Supplied with twice the number of switches, lock nuts & mounting hardware than a single cylinder model

|         |                                 |
|---------|---------------------------------|
| CM-3500 | SPST Momentary, N/O             |
| CM-3505 | SPST Momentary, N/C             |
| CM-3510 | SPST Maintained                 |
| CM-3520 | (1) SPDT N.O. & N.C. Momentary  |
| CM-3530 | (2) SPDT N.O. & N.C. Maintained |
| CM-3550 | (2) SPDT Momentary              |
| CM-3560 | (2) SPDT Maintained             |
| CM-3570 | SPDT Momentary and Maintained   |
| CM-3580 | DPDT Momentary                  |
| CM-3582 | (4) DPDT Momentary              |
| CM-3590 | DPDT Maintained                 |
| CM-3592 | (4) DPDT Maintained             |

### Specifications

|                 |   |
|-----------------|---|
| Voltage:        | 12/24V AC/DC  |
| Contact Rating: | 6A @ 30 VDC   |
| Switch Life:    | 100,000 cycles  |
| Temp Range:     | 63°F - 85°F<br>(0°C to +85°C)                         |
| Std. Finish:    | US32 / C32D   |
| Dimensions:     | 4-1/2"H x 4-1/2"W x 1-5/8"D<br>(114mm x 114mm x 41mm) |



# KEY SWITCHES

## DOOR ACTIVATION DEVICES

### LED OPTIONS FOR CM-1000 / 1100 / 2000 SERIES, AND CM-1200 / 2200 / 3200 / 3500 SERIES

| SINGLE LEDs Add suffix to switch model |  |
|--|--|
| CM-xxxx-7012                           | Red 12V LED mounted on faceplate               |
| CM-xxxx-7024                           | Red 24V LED mounted on faceplate               |
| CM-xxxx-7112                           | Green 12V LED mounted on faceplate             |
| CM-xxxx-7124                           | Green 24V LED mounted on faceplate             |
| CM-xxxx-7212                           | Red and Green 12V LEDs mounted on faceplate    |
| CM-xxxx-7224                           | Red and Green 24V LEDs mounted on faceplate    |
| CM-xxxx-7412                           | Amber 12V LED mounted on faceplate             |
| CM-xxxx-7424                           | Amber 24V LED mounted on faceplate             |
| CM-xxxx-7612                           | Bi-Color 12V (3 Wire) LED mounted on faceplate |
| CM-xxxx-7624                           | Bi-Color 24V (3 Wire) LED mounted on faceplate |

| DOUBLE LEDs Add suffix to switch model |   |
|--|---|
| CM-xxxx-70122                          | (2) Red 12V LEDs mounted on faceplate               |
| CM-xxxx-70242                          | (2) Red 24V LEDs mounted on faceplate               |
| CM-xxxx-71122                          | (2) Green 12V LEDs mounted on faceplate             |
| CM-xxxx-71242                          | (2) Green 24V LEDs mounted on faceplate             |
| CM-xxxx-72122                          | (2) Red and (2) Green 12V LEDs mounted on faceplate |
| CM-xxxx-72242                          | (2) Red and (2) Green 24V LEDs mounted on faceplate |
| CM-xxxx-74122                          | (2) Amber 12V LEDs mounted on faceplate             |
| CM-xxxx-74242                          | (2) Amber 24V LEDs mounted on faceplate             |
| CM-xxxx-76122                          | (2) Bi-Color 12V (3 Wire) LEDs mounted on faceplate |
| CM-xxxx-76242                          | (2) Bi-Color 24V (3 Wire) LEDs mounted on faceplate |

| Architectural Finishes Only applicable for CM-1100 and CM-2000 Series. |  |
|--|--|
| CM-xx-BZ   | Add suffix ' <b>BZ</b> ' to model number for Dark Bronze finish (BHMA 710/313AN) |

**No One Does  
Custom  
Switches  
Better than  
Camden!**

To receive a free custom product quote, contact Customer Service today!



### Custom Products Without the Minimum Order or Long Wait Times!

#### Faceplate Finishes

- Camden can match almost any architectural finish

#### Faceplate Size / Materials

- Narrow, single, double gang or round
- Heavy gauge stainless steel or 1/4" thick aluminum

#### Customized Graphics

- Engraved or paint filled text options
- Laser engraved text and graphics on push plates and faceplates



#### LED Indicators

- 12V and 24VDC
- Red, green, amber and bi-color LEDs

#### Push Plate or Button Type

- Illuminated and vandal resistant models available
- The widest range of button colors
- Combine buttons and key switches on common faceplates

#### Contacts

- Additional quantity of contacts
- Different configurations (N/O, N/C, DPDT, etc)



## CI-1050CP: EXTERIOR USE SURFACE MOUNT SINGLE GANG KEY SWITCH

*CI-1050CP key switch features a heavy duty faceplate with a die-cast aluminum enclosure, spring loaded protective cover and a rubber gasket. There are (2) SPDT momentary switches rated 6A @ 30 VDC / 125 VAC or 3A @ 250 VAC and a mortise cylinder. Designed for activating overhead doors, store front grilles and shutters.*

### Features

- Heavy duty die cast aluminum enclosure
- Form 'C' outputs
- Tamper resistant
- 6A @ 30 VDC, 125 VAC
- 3A @ 250 VAC
- Spring loaded aluminum cover

### MODEL

|           |  |
|-----------|--|
| CI-1050CP | Surface, single gang enclosure, weather resistant cover, (2) SPDT momentary switches, mortise cylinder |
|-----------|--|



### Specifications

|                 |  |
|-----------------|--|
| Contact Type:   | 2 x SPDT   |
| Contact Rating: | 6A @ 30 VDC, 125 VAC<br>3A @ 250 VAC                     |
| Dimensions:     | 4-1/2" H x 2-3/4" W x 1-3/4" D<br>(105mm x 111mm x 70mm) |

## CI-3502: MORTISE CYLINDER KEY SWITCH

*Mortise cylinder key switches are designed to control grilles or gates where high security key access is required. Includes double gang stainless steel faceplate, (2) SPST N/O contacts for key switch. (1) SPST N/C contact for red emergency stop button. Surface ABS box and weather resistant gasket. Mortise cylinder (1-1/8"), keyed different and (2) keys included.*

### Features

- Double Action switch for grille, gate and industrial applications
- Cylinder may be easily removed, and replaced by customer's high security / master keyed cylinder
- Double gang emergency STOP button (with 1 x SPST N/C contact) and key switch (with 2 x SPST N/O contacts) and surface mount box

### MODEL

|         |  |
|---------|--|
| CI-3502 | Mortise Cylinder Industrial Key Switch |
|---------|--|



### Specifications

|                   |  |
|-------------------|--|
| Contact Type:     | <b>STOP Button:</b><br>1 x N/C SPST<br>(Emergency STOP Pushbutton) |
|                   | <b>Key Switch:</b><br>2 x N/O SPST<br>(Key Switch)                 |
| Contact Rating:   | 6A @ 125 VAC   |
| Enclosure:        | NEMA 1 Surface Mount   |
| Endurance:        | 100,000 cycles   |
| Mortise Cylinder: | 1-1/8", keyed different,<br>(2) keys                               |
| Dimensions:       | 5-1/8" H x 5-1/8" W x 2" D<br>(130mm x 130mm x 51mm)               |



# KEY SWITCHES

## DOOR ACTIVATION DEVICES

### PARTS FOR KEY SWITCHES

Camden supports our key switch program with a complete list of parts. From back box, faceplate, gasket, contact to mortise cylinder, we have the part you need, in stock and available for immediate delivery.

#### FACEPLATES

|            |                                       |
|------------|---------------------------------------|
| CM-1000/10 | Aluminum faceplate for CM-1000        |
| CM-1100/10 | Aluminum faceplate for CM-1100        |
| CM-2000/10 | Aluminum faceplate for CM-2000        |
| CM-1200/10 | Stainless steel faceplate for CM-1200 |
| CM-2200/10 | Stainless steel faceplate for CM-2200 |
| CM-3200/10 | Stainless steel faceplate for CM-3200 |
| CM-3500/10 | Stainless steel faceplate for CM-3500 |

#### GASKETS

|            |   |
|------------|---|
| CM-1000/21 | Single gang neoprene gasket for Camden key switches         |
| CM-2000/21 | Narrow (jamb) width neoprene gasket for Camden key switches |

#### CONTACT SWITCHES

|            |  |
|------------|--|
| CM-1000/30 | SPST momentary contact switch, N/O 6A @ 125 VAC, 3A @ 30 VDC       |
| CM-1000/31 | SPST momentary contact switch, N/O, heavy duty, 15A @ 30 VDC       |
| CM-1000/32 | SPST momentary contact switch, N/C, 6A @ 125 VAC, 3A @ 30 VDC      |
| CM-1000/35 | SPST maintained contact (ON/OFF) switch, 6A @ 125 VAC, 3A @ 30 VDC |
| CM-1000/37 | SPST maintained contact switch, heavy duty, 15A @ 30 VDC           |
| CM-1000/40 | SPDT momentary contact switch, 6A @ 125 VAC, 3A @ 30 VDC           |
| CM-1000/42 | DPDT momentary contact switch, 6A @ 125V, 3A @ 30 VDC              |
| CM-1000/45 | SPDT maintained contact switch, 6A @ 125V, 3A @ 30 VDC             |
| CM-1000/47 | DPDT maintained contact switch, 6A @ 125 VAC, 3A @ 30 VDC          |

#### MORTISE CYLINDERS

|             |   |
|-------------|---|
| CM-1000/50  | Cylinder lock ring  |
| CM-CYL60-KA | Mortise cylinder, 1-1/8", solid brass, keyed alike, aluminum finish |
| CM-CYL60-KD | Mortise cylinder as above, keyed different                          |
| CM-307      | Mortise cylinder housing for Best™ style IC core                    |
| CM-308      | Best™ style IC core, keyed different                                |

#### MOUNTING BOX

|         |                               |
|---------|-------------------------------|
| CM-34AL | Surface mount box for CM-1000 |
|---------|-------------------------------|



CM-1000/21



CM-CYL60-KD



CM-308



CM-34AL



FASTEST  
DELIVERY



STOCK  
PRODUCT PRICE



# Custom Control Panels AT STOCK MODEL PRICE & DELIVERY

Here's another first from the industry's leading door control manufacturer – a program of stock control panel components that can be configured and shipped within days of your order, at a stock product price!

- Components in stock for any door control application
- Stainless steel faceplates from jamb size to 4 gang
- 1/4" or 1/2" LEDs, option for LED lit 2" x 2" custom message
- A range of push buttons, including illuminated buttons with custom text
- Option for sounder and barrel key switch
- Option for laser etch graphic on faceplate and engraved, paint filled, text on 1" push buttons





# AUTOMATIC DOOR CONTROL SWITCHES

## DOOR ACTIVATION DEVICES

### CM-160 / 170 / 180 SERIES: KEY SWITCHES

*Key switches for automatic doors are designed for mounting on the door operator cabinet or door frame, and are available in a range of 2 or 3 position momentary or maintained models. The key cylinder and 2 keys are included.*



CM-160/23



CM-170/21



CM-180/23

#### Features

- Black lamacoid (plastic) or stainless steel faceplates
- Key removable in all maintained positions
- 2, 3, 4 position maintained and 2 position momentary models
- All switches are keyed alike

#### MODELS

|        |  |
|--------|--|
| CM-160 | Key switch with plastic lamacoid (mini) faceplate        |
| CM-170 | Key switch with stainless steel (narrow stile) faceplate |
| CM-180 | Key switch with stainless steel (single gang) faceplate  |

#### OPTIONS (Add suffix to model above)

##### Faceplate Graphics

| MOMENTARY | MAINTAINED | MAINTAINED | MAINTAINED | MAINTAINED |
|-----------|------------|------------|------------|------------|
|           |            |            |            |            |
| CX-xx/20  | CX-xx/21   | CX-xx/22   | CX-xx/23   | CX-xx/24   |

##### Extra Keys

|         |  |
|---------|--|
| CM-A126 | (2) Extra keys for CM-160, 170 and 180 series key switches |
|---------|--|

### Specifications

|                 |   |
|-----------------|---|
| Voltage:        | 12/24 VDC   |
| Contact Rating: | 4A @ 28 VDC   |
| Switch Life:    | 100,000 cycles  |
| Dimensions:     | <b>CM-160:</b> 3"H x 1-11/16"W x 1-3/8"D<br>(76mm x 42mm x 35mm)      |
|                 | <b>CM-170:</b> 4-1/2"H x 1-3/4"W x 1-3/8"D<br>(114mm x 44mm x 35mm)   |
|                 | <b>CM-180:</b> 4-1/2"H x 2-3/4" W x 1-3/8" D<br>(114mm x 70mm x 35mm) |

### CM-190 SERIES: TOGGLE SWITCH

*CM-190 Series maintained toggle switches are designed to control automatic door operators, featuring a choice of faceplates, for mounting on the operator cabinet/wall.*



CM-190/30



CM-195/31

#### Features

- Mini metal faceplate designed to install on door operator cabinet or door frame
- 2 or 3 position maintained operation
- Single gang faceplate for mounting on standard electrical box
- Heavy duty 6 Amp. contacts

#### MODELS

|        |                                       |
|--------|---------------------------------------|
| CM-190 | Mini aluminum faceplate               |
| CM-195 | Single gang stainless steel faceplate |

#### OPTIONS (Add suffix to model above)

##### Faceplate Graphics

|  |          |  |          |
|--|----------|--|----------|
|  | CX-xx/30 |  | CX-xx/31 |
|--|----------|--|----------|

### Specifications

|                 |   |
|-----------------|---|
| Voltage:        | 12/24 VDC   |
| Contact Rating: | 6A @ 30 VDC   |
| Switch Life:    | 50,000 cycles   |
| Temp Range:     | -4°F - 185°F (-20°C - 85°C)                                       |
| Dimensions:     | <b>CM-190:</b> 2-5/8" H x 1-1/2" W x 2"D<br>(59mm x 38mm x 51mm)  |
|                 | <b>CM-195:</b> 4-1/2" H x 2-3/4" W x 2"D<br>(114mm x 70mm x 51mm) |



## DOOR ACTIVATION DEVICES

## CM-120: FLUSH MOUNT WIRED AND WIRELESS KEYPADS



CM-120 Series keypads are North American built and provide Tri-Brid™ stand alone, Wiegand and optional wireless operation! CM-120i offers the best performance and value for indoor applications. CM-120wV2 is a vandal and weather resistant model with a metal back-lit keypad.

CM-120 Series hardwired keypads have added wireless functions by plugging in a TX-99 wireless transmitter module. CM-120TX keypads are fully wireless with battery power. CM-RX-90/91/92 Series receiver is required, sold separately.

Lithium batteries recommended for CM-120TX, for environments below 0°C (32°F). To order, select battery option below.



CM-120i

CM-120wV2  
CM-120TX

CM-TX-99

## Features

- CM-120i keypad for indoor use, features stainless steel faceplate and polycarbonate keys
- CM-120wV2 features backlit, weatherproof & vandal resistant metal keypad
- Flush mount single gang stainless steel faceplate
- 3 LED's + Piezo Buzzer
- Request-to-Exit Input
- Door contact input for anti-tailgating & door open alarm
- Global lock-out feature
- Includes tamperproof screws & driver
- Option for plug-in TX-99 wireless transmitter, 2 channel

## STAND-ALONE / WIEGAND KEYPADS

|           |  |
|-----------|--|
| CM-120i   | Stand-alone or Wiegand, flush mount, 999 users, 12/24V AC/DC             |
| CM-120wV2 | Outdoor, vandal resistant, metal backlit keypad, 999 users, 12/24V AC/DC |

## OPTIONAL LAZERPOINT RF™ WIRELESS TRANSMITTER

|          |   |
|----------|---|
| CM-TX-99 | 915Mhz. plug-in 2 channel transmitter for CM-120 Series keypads |
|----------|---|

## BATTERY OPERATED KEYPAD

|          |   |
|----------|---|
| CM-120TX | Outdoor, vandal resistant, metal backlit keypad, 999 users. Battery operated, wireless transmitter included |
|----------|---|

## LITHIUM BATTERIES FOR CM-120TX

|          |   |
|----------|---|
| CM-xxxL1 | Add suffix 'L1' for (2) 'AA' lithium batteries in place of (2) alkaline |
| CM-LP1   | (2) 'AA' lithium battery pack   |

## COMPATIBLE LAZERPOINT RF™ WIRELESS RECEIVERS

|          |  |
|----------|--|
| CM-RX-90 | Advanced, Compact Single Relay Receiver          |
| CM-RX-92 | Full function, dual relay receiver, 12/24V AC/DC |

## Specifications

## CM-120i / CM-120wV2:

|                 |   |
|-----------------|---|
| Voltage:        | 12/24V AC/DC  |
| Mounting:       | Single gang, flush (2) #6 machine and tamper proof screws |
| Current Draw:   | 30 MA Standby, 90 MA Max                                  |
| Input:          | 1 x Rex Input /<br>1 x Door Contact Input                 |
| Contact Type:   | 2 x Form 'C'  |
| Contact Rating: | 3A @ 24 VDC   |
| Capacity:       | 999 User Codes  |
| Length:         | Variable, Up to 8 Digits<br>(10 Million Possible Codes)   |
| Response Time:  | 0.3 Seconds   |
| Time Delay:     | 1 to 255 Seconds, or Latched                              |
| Temp Range:     | -40°F to +185°F (-40°C to +85°C)                          |
| RF Output:      | Optional Plug-In Transmitter,<br>2 Channel                |
| Dimensions:     | 4-1/2" H x 2-3/4" W x 3/4" D<br>(114 mm x 70 mm x 19 mm)  |

## CM-120TX:

|                   |   |
|-------------------|---|
| Power:            | 2 'AA' Alkaline Batteries (supplied)<br>2 'AA' Lithium Batteries (optional)                               |
| Battery Life:     | 90,000 Operations<br>(Buzzer disabled)<br>Based on a 4 digit user code                                    |
| Output:           | RF Only, 2 channels<br>Channel 1 assigned to users<br>1 - 499<br>Channel 2 assigned to users<br>500 - 999 |
| Output Frequency: | 905.25 / 915.25 / 925.25 MHz.<br>(Spread Spectrum)  |

### CM-110SK AND CM-550SK: SURFACE MOUNT KEYPADS

*Surface mount keypads are rugged, weather and vandal resistant stand-alone devices for control of electrically locked doors. These surface mount keypads feature cast metal housings with metal backlit keypads, 'Request to Exit' inputs, tamper alarm and support up to 2,000 users.*

*Also used for activating or deactivating machinery, equipment, overhead doors, automatic doors or other electrical device.*



CM-110SK

CM-550SK

#### Features

- |  |   |
|--|---|
| <ul style="list-style-type: none"> <li>• Up to 2,000 users</li> <li>• Backlit vandal resistant keypad</li> <li>• Weather resistant IP rated</li> <li>• Adjustable door delay time</li> </ul> | <ul style="list-style-type: none"> <li>• Adjustable door open time</li> <li>• Tamper alarm output</li> <li>• 'Request to Exit' device input</li> <li>• 3 year warranty</li> </ul> |
|--|---|

#### MODELS

|          |   |
|----------|---|
| CM-110SK | 2,000 Users, Slim Line, Surface Mount, (1) Form 'C' Relay, 12 VDC |
| CM-550SK | 1,000 Users, Surface Mount, (2) Form 'C' Relays, 12/24 VDC        |

#### Specifications

|                 |  |
|-----------------|--|
| Voltage:        | <b>CM-110SK:</b> 12 VDC<br><b>CM-550SK:</b> 12/24 VDC  |
| IP Rating:      | <b>CM-110SK:</b> IP68   <b>CM-550SK:</b> IP65  |
| Current Draw:   | <b>CM-110SK:</b> 60mA   <b>CM-550SK:</b> 50mA  |
| Contact Type:   | Form 'C'   Output: 8 Bit burst   |
| Contact Rating: | <b>CM-110SK:</b> 3A @ 30 VDC<br><b>CM-550SK:</b> 2A @ 30 VDC   |
| Delay Time:     | 0 – 99 secs.   Alarm Time: 0 – 3 mins.   |
| Temp Range:     | <b>CM-110SK:</b> -49°F to +140°F<br>(-45°C to +60°C)<br><b>CM-550SK:</b> -4°F to +140°F<br>(-20°C to +60°C)                          |
| Dimensions:     | <b>CM-110SK:</b> 6" H x 1-3/4" W x 1" D<br>(152mm x 45mm x 25mm)<br><b>CM-550SK:</b> 5" H x 3-1/8" W x 1" D<br>(127mm x 80mm x 25mm) |



## CM-PT: HEAVY DUTY POWER TRANSFER CABLES

| STANDARD MODELS   |  |
|---|--|
| CM-PTS14  | Zamac endcaps, 1/4" inside diameter cable, 12" length                |
| CM-PT14   | Aluminum endcaps, 1/4" inside diameter cable, 18" length             |
| CM-PT14DUR  | As above, duranodic (dark bronze) finish                             |
| CM-PT38   | Aluminum endcaps, 3/8" inside diameter cable, 18" length             |
| CM-PT38DUR  | As above, duranodic (dark bronze) finish                             |
| CONCEALED POWER TRANSFER CABLES   |  |
| CM-PT516M   | Concealed Power Transfer Cable, 5/16" inside diameter, mortise mount |
| CM-PT250M   | In-Door, 1/4" inside diameter hidden power transfer cable            |
| <b>Note: PTSS models are available in lengths up to 72". Contact Camden for more information.</b> |  |
| STAINLESS STEEL ENDCAPS, 1/4" INSIDE DIAMETER   |  |
| 1/4" ID. models for 4 conductor 22 gauge, or 2 conductor 18 gauge wire                            |  |
| CM-PTSS-7   | Stainless steel cable and endcaps, 7" length                         |
| CM-PTSS-12  | Stainless steel cable and endcaps, 12" length                        |
| CM-PTSS-18  | Stainless steel cable and endcaps, 18" length                        |
| STAINLESS STEEL ENDCAPS, 3/8" INSIDE DIAMETER   |  |
| 3/8" ID. models for 16 conductor 22 gauge, or 8 conductor 18 gauge wire                           |  |
| CM-PTSS38-7   | Stainless steel cable and endcaps, 7" length                         |
| CM-PTSS38-12  | Stainless steel cable and endcaps, 12" length                        |
| CM-PTSS38-18  | Stainless steel cable and endcaps, 18" length                        |



CM-PTS14



CM-PT14/PT38



CM-PT516M



CM-PT250M



CM-PTSS-18

## PRESSURE GAUGES



## CM-PG: PRESSURE GAUGES

*Pressure Gauges for measuring the force of door operators, and are the industry standard for the professional installer. Available in a range of pressure ratings and feature metal construction.*

| Features   |   |
|--|---|
| <ul style="list-style-type: none"> <li>• Use PG1 to measure swing door closing force or switch activation force</li> <li>• Use PG2 to measure auto door opening force (swinging, sliding or overhead)</li> </ul> | <ul style="list-style-type: none"> <li>• Use PG3 or PG4 to measure opening force as well as door sidelite breakout force</li> </ul> |
| MODELS   |   |
| CM-PG1   | 0-7 Lb. Pressure gauge  |
| CM-PG2   | 0-35 Lb. Pressure gauge   |
| CM-PG3   | 10-50 Lb. Pressure gauge  |
| CM-PG4   | 10-100 Lb. Pressure gauge   |

CM-PG





# ACCESS CONTROL

## ACCESS CONTROL SYSTEMS ..... 106

CV-603 Series: MProx-BLE: 2-Door Bluetooth®  
Access Control System ..... 106

CV Series: System Readers & Credentials..... 107

CV-WR Series: Wiegand Receiver & Key Fobs..... 108

CV-110SPK: Slim Line Stand-Alone  
Proximity Reader and Keypad..... 109

CV-550SPK: Weather/Vandal Resistant  
Proximity Reader and Keypad..... 109

### CV-603 SERIES: MPROX-BLE 2-DOOR BLUETOOTH® ACCESS CONTROL SYSTEM

*CV-603 Series is an app-based wireless Bluetooth® managed access control system designed to provide maximum flexibility in small door and gate applications and comes ready to support each system user with the card, security FOB, or smartphone credential they want. The intuitive programming app is Apple® and Android® protocol, with easy to use system set-up, user administration, downloadable audit trail and data back-up.*

*The CV-603 controller provides control for two doors, including inputs for readers, door position switch and REX device, and (2) outputs for electrified locking or alarm signal devices. A built-in 433Mhz. receiver supports two button wireless key fobs, providing an ideal solution for parking garage and gate control applications.*



CV-603

#### Specifications

|  |                        |
|--|------------------------|
| Voltage: 12 VDC  | Current Draw: < 100 mA |
| Number of Users: 2000  | Number of Events: 3000 |
| Reader Inputs: 2   | Reader Outputs: 2      |
| Reader Input Types: Wiegand 26, 30, 34, 37 Bit                           |                        |
| Receiver Frequency: 433 Mhz.   |                        |
| Relay Output Types: Timed 1 - 180 seconds<br>Momentary bi-stable / latch |                        |
| Contact Rating: 1A @ 12V   |                        |
| Operating Temp.: -4°F to 131°F<br>(-20°C to +55°C)                       |                        |
| DIN rail mount: Yes  |                        |
| Weight: 7 oz. (200g)   |                        |
| Dimensions: CV-603: 4-1/2"H x 3-1/2"W x 1-3/4"D<br>(115mm x 90mm x 44mm) |                        |
| CV-603PS: 11-5/16"H x 8-1/16" W x 2-5/8"D<br>(287mm x 205mm x 68mm)      |                        |

#### Features

- Programmed via BLE Phone App
- 2,000 User Capacity
- Wiegand Reader compatible – 26, 30, 34 and 37 bits
- Common Alarm Relay – Trigger remote devices
- Anti-pass back – Higher level of security
- Sensor Input – For door position switch or vehicle loop detector
- Operator Security Levels – 5, configurable
- Form C relays – For fail-safe or fail-secure electric locks
- A range of MProx-BLE controllers and kits, including option for metal cabinet
- Built-in 433 Mhz. key fob receiver – To be used with CX-TXM-2 two button transmitters
- Encrypted rolling code and protected AES128 transmission of transmitters
- 3 year warranty

#### CONTROLLERS

|          |   |
|----------|---|
| CV-603   | Two door MProx-BLE Controller with 433 Mhz. receiver  |
| CV-603PS | Cabinet with MProx-BLE controller, 12 VDC, 1.5 amp power supply (without battery back up) and 16 VAC, 40 VA transformer |

#### CONTROLLER & READER KIT

|             |  |
|-------------|--|
| CV-603PS-K1 | Cabinet with MProx-BLE controller, 12 VDC power supply, transformer, (1) CV-7400 AWID/HID protocol reader & (1) CV-KTH HID protocol prox tag |
|-------------|--|

#### EXTENSION ANTENNA

|          |   |
|----------|---|
| CV-603EA | 433 Mhz. extension antenna for MProx-BLE Controller, 8 feet (2 meter) coaxial cable, 50 Ohm impedance, used to get beyond metal RF obstructions |
|----------|---|

#### WIRELESS TRANSMITTERS

|           |  |
|-----------|--|
| CV-TXM-2  | 2 Button transmitter, 433Mhz. for MProx-BLE Controller |
| CV-TXM-2B | 2 Button transmitter, 433Mhz., Package of 10           |

#### VIRTUAL CREDENTIALS

|            |                               |
|------------|-------------------------------|
| CV-603VR10 | 10 Virtual Remote License Key |
| CV-603VR50 | 50 Virtual Remote License Key |



CV-603PS-K1



CV-603EA

CV-TXM-2



CV-603VR10



## CV SERIES: SYSTEM READERS & CREDENTIALS

Camden supports **MProx-BLE** access control systems with an extensive line of readers and credentials, for both indoor and outdoor use.

### Features

- HID/AWID dual format, readers and credentials
- Indoor and outdoor (weather resistant) use

### HID / AWID DUAL FORMAT PROXIMITY READERS

|         |                                   |
|---------|-----------------------------------|
| CV-7400 | Narrow, compact, 4"-5" read range |
| CV-7820 | Single gang, 4"-5" read range     |

### HID & AWID FORMAT CREDENTIALS

( Note: All cards are sold in multiples of 10)

|          |  |
|----------|--|
| CV-CSA   | AWID Format Prox Cards, clam shell style, package of 10  |
| CV-CSA-B | AWID Format Prox Cards, clam shell style, package of 100 |
| CV-ISA   | AWID Format ISO Prox Card, package of 10                 |
| CV-ISA-B | AWID Format ISO Prox Card, package of 100                |
| CV-KTA   | AWID Format Prox Key Tag, package of 25                  |
| CV-CSH   | HID Format Clam Shell Style Card, package of 10          |
| CV-CSH-B | HID Format Clam Shell Style Card, package of 100         |
| CV-ISH   | HID format ISO Prox Card, package of 10                  |
| CV-ISH-B | HID format ISO Prox Card, package of 100                 |
| CV-KTH   | HID Format Prox Tag, package of 25                       |



CV-7400



CV-7820



CV-CSH



CV-KTH

### Specifications

Dimensions: CV-7400 :  
1-3/4"W x 3-3/16"H x 3/4"D  
(43mm x 81mm x 18mm)

CV-7820 :  
3"W x 4-5/8"H x 3/8"D  
(76mm x 117mm x 10mm)

## MProx BLE

# A Whole New Level of User Convenience

Select the Best Access Control Credential for Each System User

- Supports up to 2,000 users
- Bluetooth® managed system configuration App
- Built-in 433Mhz. RF receiver
- Wiegand reader protocol - 26, 30, 34 and 37 bits
- CV-603PS controller with 1.5 Amp power supply and metal cabinet



TWO BUTTON FOB



SMARTPHONE



CARD OR TAG



### CV-WR SERIES: WIEGAND RECEIVER & FOBS

*CV-WR Series Wiegand receivers are designed to interface with existing access control systems for both long and short access applications.*

*Pressing one of the buttons, users can control a barrier gate or overhead door up to 300 ft. (100m) away. The same transmitter can be presented in front of a card reader and operate as a conventional access credential.*

*Identical 26-bit Wiegand ID numbers will be sent for either fob transmitters and for the enclosed credential for a card reader, to manage multiple users in the access control database. One unique ID number per device per user simplifies the adding and deleting of credentials for property managers.*



CV-WRX4

### Specifications

|          |                        |                    |
|----------|------------------------|--------------------|
| Voltage: | <b>CV-WRX4:</b>        | 12 VDC             |
|          | <b>CV-WTX2-H26:</b>    | 3 VDC, CR2032 Type |
|          | <b>CV-WTX2H-H26SE:</b> | 3 VDC, CR2032 Type |
|          | <b>CV-WTX4H-H26SE:</b> | 3 VDC, CR2032 Type |

|          |                        |                              |
|----------|------------------------|------------------------------|
| Current: | <b>CV-WRX4:</b>        | 14 mA typical/<br>36 mA peak |
|          | <b>CV-WTX2-H26:</b>    | 12 mA                        |
|          | <b>CV-WTX2H-H26SE:</b> | 12 mA                        |
|          | <b>CV-WTX4H-H26SE:</b> | 12 mA                        |

Frequency: 868.35 Mhz.

IP Rating: **CV-WRX4:** IP54  
(IP65 with cable plug installed)

|             |                        |                                  |
|-------------|------------------------|----------------------------------|
| Temp Range: | <b>CV-WRX4:</b>        | -4°F to 185°F<br>(-20°C to 85°C) |
|             | <b>CV-WTX2-H26:</b>    | -4°F to 131°F<br>(-20°C to 55°C) |
|             | <b>CV-WTX2H-H26SE:</b> | -4°F to 131°F<br>(-20°C to 55°C) |
|             | <b>CV-WTX4H-H26SE:</b> | -4°F to 131°F<br>(-20°C to 55°C) |

Dimensions: **CV-WRX4:**  
3-1/4"W x 7-3/8"H x 1-5/8"D  
(83mm x 187mm x 42mm)

**CV-WTX2-H26:**  
1-1/2"W x 2-1/8"H x 3/8"D  
(38mm x 54mm x 10mm)

**CV-WTX2H-H26SE, CV-WTX4H-H26SE:**  
1-1/2"W x 2-1/2"H x 1/2"D  
(38mm x 68mm x 13mm)

#### Features

##### CV-WRX4 Receiver:

- 4 channel receiver facilitates in/out control
- Compatible to all access control panels, 26 bit Wiegand
- Field selectable facility codes, 1 to 255
- Weather and vandal resistant enclosure

##### CV-WTX2-H26 Two Button Fob:

- Ultra compact dual technology design
- HID 125 KHz. proximity protocol
- 2 year battery life & low battery indication
- 300 feet (100 meter) range

##### CV-WTX2H-H26SE Two Button & CV-WTX4H-H26SE Four Button

- HID®iClass SE® 13.56 MHz. wafer inside to prevent cloning
- Laser Etched ID numbers
- 300 feet (100 meter) range
- LED indicator for low battery and signal transmission
- Durable, weather resistant case with metal key ring

**All transmitters use a 868Mhz. high security rolling code, 19 trillion combinations.**

#### RECEIVER

|         |                               |
|---------|-------------------------------|
| CV-WRX4 | Four Channel Wiegand Receiver |
|---------|-------------------------------|

#### KEY FOBS

|                  |   |
|------------------|---|
| CV-WTX2-H26      | Two Channel Wiegand Key Fob + HID® Prox.                    |
| CV-WTX2-H26-B    | Two Channel Wiegand Key Fobs + HID® Prox. Package of 10     |
| CV-WTX2H-H26SE   | Two Channel Wiegand Key Fob + HID® iCLASS SE®               |
| CV-WTX2H-H26SE-B | Two Channel Wiegand Key Fob + HID® iCLASS SE® Package of 10 |
| CV-WTX4H-H26SE   | Four Channel Wiegand Key Fob + HID® iCLASS SE®              |



CV-WTX2-H26



CV-WTX2H-H26SE



CV-WTX4H-H26SE



Laser Etched ID numbers for long term legibility



## CV-110SPK: SLIM LINE STAND-ALONE PROXIMITY READER AND KEYPAD

*CV-110SPK slim line (narrow/jamb) stand-alone, EM format proximity reader and keypad, supports up to 2,000 users with card, PIN, or card and PIN access.*

### Features

- Up to 2,000 users - cards or key fobs
- Batch card/key fob enrollment
- Backlit vandal resistant keypad
- Weather resistant IP68 rated
- Tamper alarm
- Request to Exit device input
- Wiegand:  
Reader: 26 bit input/output  
Keypad: 8 bit burst

### MODELS

|           |   |
|-----------|---|
| CV-110SPK | Slim line stand-alone proximity reader & keypad, 1 relay, 2,000 users |
|-----------|---|

### COMPATIBLE CARDS & KEY FOBS

|          |  |
|----------|--|
| CV-CSE   | EM Format ISO proximity card, package of 10  |
| CV-CSE-B | EM Format ISO proximity card, package of 100 |
| CV-KTE   | EM Format proximity key fob, package of 25   |



### Specifications

|                 |  |                 |            |
|-----------------|--|-----------------|------------|
| Voltage:        | 12 VDC (+/- 10%)                             |                 |            |
| IP Rating:      | 68   | Current Draw:   | 60mA       |
| Contact Type:   | Form 'C'                                     | Contact Rating: | 3 Amps     |
| Delay Time:     | 0 to 99 sec                                  | Alarm Time:     | 0 to 3 min |
| Card Read Dist: | 1" (25mm)                                    | Card Format:    | 26 bit     |
| Card Freq.:     | 125 KHz, EM                                  |                 |            |
| Keypad Format:  | 8 bit burst                                  |                 |            |
| Temp Range:     | -49°F to 140°F (-45°C to 60°C)               |                 |            |
| Dimensions:     | 6"H x 1-3/4"W x 1"D<br>(152mm x 45mm x 25mm) |                 |            |

## CV-550SPK: WEATHER/VANDAL RESISTANT PROXIMITY READER AND KEYPAD (V3)

*CV-550SPK HID / EM format weather/vandal resistant proximity reader and keypad supports up to 20,000 users with card, PIN, or card and PIN access. It features a cast metal housing, rain/privacy shield and backlit keypad with fully potted electronics.*

### Features

- Up to 20,000 users - cards, key fobs or both
- Batch card/key fob enrollment, easy programming
- Cast metal, heavy duty construction
- Backlit, vandal resistant keypad
- Wiegand 26 bit input/output
- Configurable Wiegand facility code number
- 4 to 6 digit PIN code length
- Tamper alarm
- Request to Exit input
- Door contact input
- Weather resistant IP68 rated
- Two-door interlock mode

### MODELS

|           |   |
|-----------|---|
| CV-550SPK | Weather/vandal resistant keypad and proximity reader, 1 relay, 20,000 users |
|-----------|---|

### COMPATIBLE PROXIMITY CARDS & KEY FOBS

|          |  |
|----------|--|
| CV-CSH   | HID Format clam shell proximity card, package of 10  |
| CV-CSH-B | HID Format clam shell proximity card, package of 100 |
| CV-ISH   | HID Format ISO proximity card, package of 10         |
| CV-ISH-B | HID Format ISO proximity card, package of 100        |
| CV-KTH   | HID Format proximity key fob, package of 25          |
| CV-CSE   | EM Format ISO proximity card, package of 10          |
| CV-CSE-B | EM Format ISO proximity card, package of 100         |
| CV-KTE   | EM Format proximity key fob, package of 25           |



### Specifications

|                     |  |
|---------------------|--|
| Input Power:        | 10 - 28V AC/DC   |
| IP Rating:          | 68   |
| Idle Current:       | 35 mA (Input VDC12V)   |
| Operating Current:  | 100 mA (Input VDC12V)  |
| Contact Type:       | (1) Form 'C'   |
| Contact Rating:     | 1A @ 30 VDC  |
| Alarm Output Load:  | 1A @ 30 VDC  |
| Ring Bell Load:     | 1A @ 30 VDC  |
| Card Read Distance: | 2" (50mm) Max  |
| Card Frequency:     | 125KHz, EM and HID   |
| Card Format:        | 26, 34 or 37 bit Wiegand   |
| Keypad Format:      | 26 bit standard, 4 bit or 8 bit burst                                |
| Operating Temp:     | -40°F to 140°F (-40°C to 60°C)                                       |
| Dimensions:         | 5-7/8"H x 4-1/8" W x 3-1/2"D<br>(150mm x 104mm x 90mm - with shield) |

## Locking Products

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## Door Control

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## Door Activation Devices

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## SHIPPING

All goods are shipped F.O.B. factory. Deliveries are made via UPS or Fed Ex ground service, unless otherwise specified by customer. Customer must make any claims for damage in transit or missing boxes directly with the Transport Company. Claims for packaging and/or ordering errors should be made directly to Camden within ten days of receipt of merchandise.

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Camden warrants their product against manufacturing defects. The length of warranty is 3 years, from the date of purchase, unless otherwise stated. Camden CX Series electric strikes carry a 5 year warranty. Camden CM-9000, 9200, 9300, 9600 and 9700 Series push buttons and CX-9 Series magnetic locks carry a lifetime warranty. This warranty applies to products that have failed in the course of normal use, and not the result of improper installation or vandalism. Upon inspection, Camden will repair/replace returned goods, or issue credit. This warranty does not apply to custom or 'built to order' push/exit switches. This warranty does not apply to removal or installation costs. Camden will not be liable to the purchaser, the customer or any other party for incidental or consequential damages arising from any defect in, or improper case, storage, handling, abuse, misuse or any act of God. Except as stated above, Camden makes no warranties, either expressed or implied, as to any other matter.

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Customers may obtain an RMA by contacting our customer service department by phone 1-877-226-3369, by fax 1-888-436-8739, or by email: [csr@camdencontrols.com](mailto:csr@camdencontrols.com).

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Camden will inspect and test returned product within 30 days. Upon our determination of a manufacturing defect, Camden will repair or replace the product, or issue a credit, at our discretion.

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## QUESTIONS

Any questions, concerns or comments regarding our warranty policy and procedures should be forwarded to our customer service department.

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