2022 PRODUCT GUIDE

**ACTIVATION**

WAVE TO OPEN

LOCKING

DOOR LOCKED WHEN RED
UNLOCKED WHEN GREEN

PUSH TO OPEN

PUSH TO LOCK

CONTROL

CAMDEN
CV-603

Relay commands
Users management
Back up
Group settings
History
Schedule
Central setting
Session management

CAMDEN
DOOR CONTROLS

MPROX BLE

ACCESS

BEST QUALITY

EXCLUSIVE PRODUCTS

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PRESS FOR EMERGENCY ASSISTANCE

ASSISTANCE REQUESTED

ELECTRIFIED LOCKS, RELAYS & TIMERS

ELECTRIC STRIKES

COMING SOON

CX-EPD-1289L: 3/4" 'UNIVERSAL' GR.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.

SECURITY UL 1034 / UL 294 LISTED

UL10C/ CAN4-S104, 3hr. Fire rating

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

MODEL	
CX-EPD-1289L	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-EPD-1289-SPC	Spacer plate for CX-EPD-1289L surface mount RIM strike

Specifications

Voltage: 12/24V, AC/DC

Current Draw: 560mA @ 12 VDC | 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) 250,000 cycles (UL verified)

Mode: Fail-safe / Fail-secure | Duty: Continuous

Fire Rating: UL10C/CAN4-S104 | 3 hrs.(Fail Secure)

Mech 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 (231.6mm x 48mm x 19.8mm)

CX-ED1259L: 1/2" 'UNIVERSAL' GR.1 FIRE RATED RIM STRIKE

CX-ED1259L is a Grade 1 surface mount RIM strike that accommodates 1/2" to 3/4" latch projection and is a 'Universal' design, 12/24V AC/DC, and selectable fail safe/fail secure operation. Includes (2) spacer plates.

SECURITY UL 1034 / UL 294 LISTED

UL10C/ CAN4-S104, 3hr. Fire rating

Features	
• 'No Cut' surface mounted	• (2) spacer plates and horizontal adjustment insure proper latch entry in all applications
• 'Universal' design with selectable 12/24V, AC/DC & fail safe/fail secure operation	• 1/2" to 3/4" latch projection
• Single solenoid design provides superior strike reliability	• Latch monitoring included
• Tamper resistant stainless steel construction	• Non-handed, plug-in wiring harness
	• 5 year warranty

MODEL	
CX-ED1259L	Surface mount Grade 1 RIM electric strike, UL 1034 Burglary Listed, 12/24V, AC/DC, fail safe/fail secure operation, c/w latch monitoring and (2) spacer plates

Specifications

Voltage: 12/24V AC/DC

Current Draw: 280mA @ 12V AC/DC 140mA @ 24V AC/DC

Strength - Static: 1,500 Lbs. | Dynamic: 70 Ft- Lbs.

Endurance: 1,000,000 cycles (Factory Tested) 250,000 cycles (UL verified)

Fire Rating: UL10C / CAN4-S104, 3 hrs. (Fail Secure)

Mode: Selectable Fail-safe / Fail-secure

Operation: AC - Buzz, DC - Silent | Latch Monitor: Yes

Dimensions: 9"H x 1-3/4"W x 1/2"D (230mm x 44.5mm x 13mm)

ELECTRIC STRIKES

COMING SOON

CX-ED1959-MB: OUTDOOR GR.1 ELECTRIC STRIKE WITH SURFACE BOX

CX-ED1959-MB grade 1 outdoor rated strike for cylindrical and mortise locksets (without dead bolts) offers 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/fail secure operation. Perfect for exterior doors and gates.

SECURITY
UL LISTED
UL 1034
UL 294

(with Surface Box)

Features

- UL Listed Grade 1 Strike for exterior doors & gates
- Surface Mounting Box Included
- Selectable fail safe/fail secure
- 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-ED1959-MB	Outdoor rated Grade 1 strike for exterior doors and gates. Supplied with metal mounting box. 12/24V AC/DC, fail safe/fail secure

Specifications

Voltage:	12/24 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) 250,000 cycles (UL Verified)
Latch Opening:	1-9/16" x 7/8" (40mm x 22mm)
Mode: Fail-safe / Fail-secure	Duty: Continuous
Dimensions (Body): 4-7/8"H x 1-5/8"W x 1-5/8"D (124mm x 42mm x 42mm)	

THE STANDARD FOR STRIKE QUALITY, FEATURES & VALUE !

Camden's **CX-EPD-1289L** 'Universal' fire rated RIM strike features a preload release function, handling up to 15 lbs. of pressure.

BEST VALUE

BEST QUALITY

Page 4

ELECTRIC STRIKES

CX-ED1309 SERIES: 'UNIVERSAL' GR.1 STRIKE 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.

SECURITY
UL 1034
UL 294
LISTED

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 with: (1) CX-ESF-2 ANSI Round Faceplate - Brushed Aluminum finish (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 150mA @ 24V AC/DC
Faceplates:	CX-ED1379: Brushed aluminum (BHMA 628) Dark bronze (BHMA 710)
Static Strength:	1,500 Lbs.
Dynamic Strength:	70 Ft. Lbs.
Mode:	Fail-safe/Fail-secure Field selectable
Operation:	AC - Buzz DC - Silent
Duty:	Continuous (DC)
Endurance:	1,000,000 Cycles (Factory Tested) 250,000 Cycles (UL Verified)
Dimensions:	**Body:** 4-7/8"H x 1-11/16"W x 1-5/8"D (124mm x 43mm x 42mm)

ELECTRIC STRIKES

CX-ED1579L: 'ALL IN ONE' GR.1 FIRE RATED ELECTRIC STRIKE

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.

SECURITY UL 1034 UL 294
UL LISTED

c UL us LISTED UL10C/ CAN4-S104, 3hr. Fire rating

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

Specifications

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

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)

Stainless Steel Faceplates

CX-EMP-1   CX-EMP-2   CX-EMP-3   CX-EMP-4   CX-EMP-5

CX-JIG6

ELECTRIC STRIKES

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

SECURITY
UL LISTED
UL 1034
UL 294

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 faceplate (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 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) 250,000 Cycles (UL Verified)
Operation:	AC - Buzz | DC - Silent
Duty:	Continuous
Latch Monitor	SDPT, 100mA @ 24 VDC
Dimensions:	**CX-ED1079:** 3-3/8"H x 1-3/4"W x 1-7/32"D (86mm x 44mm x 31mm) **CX-ED1079D:** 3-3/8"H x 1-3/4"W x 1-3/8"D (86mm x 44mm x 35mm)

CX-JIG1   *CX-ED-LIP1*

ELECTRIC STRIKES

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.

SECURITY
UL 1034
UL 294
UL LISTED

UL10C/
CAN4-S104,
90 min. Fire rating
c UL US LISTED

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-ED1079DL Strike, ANSI Round faceplates (CX-ESP2B)

Specifications

Voltage:	12/24V AC/DC
Current Draw:	260mA @ 12V AC/DC 150mA @ 24V AC/DC
Static Hold Force:	1,500 Lbs.
Dynamic Strength:	70 Ft- Lbs.
Endurance:	1,000,000 Cycles (Factory Tested) 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 (86mm x 47mm x 35mm)

CX-JIG3

ELECTRIC STRIKES

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

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

CX-ED2071 / 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 c/w 3 Stainless Steel Faceplates ANSI Square, Hollow Metal Door and Wood Door
- CX-ED2079-1: 12/24V Strike c/w 1 Stainless Steel Faceplate ANSI Square
- CX-ED2071: 8V – 16V Strike c/w 3 Stainless Steel Faceplates ANSI Square, Hollow Metal Door and Wood Door

Specifications

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

SERIES 20: PRE-LOAD GR.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"
CX-EPD-2020L	ANSI Round 4-7/8" x 1-1/4"
CX-EPD-2030L	Hollow Metal Door 6-7/8" x 1-1/4"
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-EU0958	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)

POWER SUPPLIES

CX-PS10UL: POWER SUPPLY

CX-PS10UL is a 1 amp power supply ideal for powering magnetic locks and electric strikes. UL and NFPA listed, this model meets all fire and life safety codes for access control and locking devices.
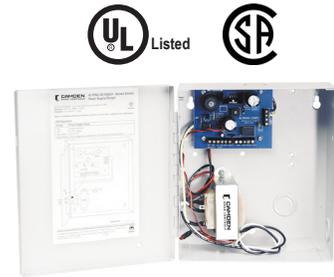
Features

- UL 294, NFPA101 and MEA listed
- Latching fire alarm tie-in with reset
- 12 or 24 VDC selectable 1 Amp output
- AC power and status indicators
- Short circuit and terminal protection
- Battery charger (400mA)
- 115V AC power input
- Metal enclosure accommodates
  1 - 12 VDC / 7 AH battery or
  2 - 12 VDC / 4 AH batteries
  (not included)
- 3 year warranty

MODEL

CX-PS10UL	Power supply

Specifications

Voltage:	115 VAC
Output Voltage:	12/24 VDC
Output Power:	1A, 400mA Battery Charger
Output Protection:	Short Circuit Protection Enclosure
Accomodates:	1 x 12 VDC / 7 AH Battery or 2 x 12 VDC / 4 AH Batteries
Dimensions:	7-1/2"H x 8-1/2"W x 3-1/4"D (190mm x 216mm x 89mm)

CX-PS30UL / PS60UL: POWER SUPPLY

*Camden's affordable and high quality **CX-PS30UL** and **CX-PS60UL** power supplies feature power protection, latching fire alarm outputs, selectable 12 VDC or 24 VDC operation, battery charging and rugged metal cabinets.*
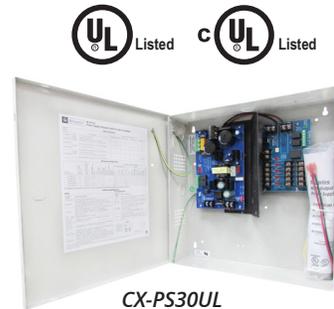
Features

- Multi-output power supply
- Specifically designed for fire alarm or access control applications
- Trigger connections
- 5 individual circuit breakers
- Protected outputs
- AC fail supervision
- DC output and charger supervision
- Batteries not included
- 115 VAC power input
- 3 year warranty

CX-PS30UL

MODELS

CX-PS30UL	3 Amp Power Supply
CX-PS60UL	6 Amp Power Supply

Specifications

Voltage:	115 VAC
Output Voltage:	12/24 VDC
Output Power:	**CX-PS30UL:** 2.5A, 600mA Battery Charger **CX-PS60UL:** 6A, 700mA Battery Charger
Output Protection:	Short Circuit Protection Enclosure
Accomodates:	2 x 12 VDC / 12 AH Batteries
Dimensions:	13"H x 12-1/2"W x 3-1/4"D (330mm x 318mm x 83mm)

POWER SUPPLIES

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	• Self-resetting smart fuse protection
• Compact board-only design	• Input voltage transformer required. See manual for specification
• Input voltage: 6 - 26 VAC, depending on output voltage selected	• 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 (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	• Fused model for additional circuit protection
• Standard mount & plug-in models	

MODELS	
Panel (Nipple) Mount	
CX-TRN-2024*○	24 VAC, 20VA panel (nipple) mount transformer
Standard Mount	
CX-TRX-2012*○	12 VAC, 20VA standard mount transformer
CX-TRX-4024*○	24 VAC, 40VA standard mount transformer
CX-TRX-5024○^	24 VAC, 50VA standard mount transformer
Fused Standard Mount	
CX-TRX-2024*○	24 VAC, 20VA, fused, standard mount transformer
Plug-in	
CX-TRP-4016○	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

*C UL Listed   ^ UL Listed   ° CSA

Specifications

Voltage:	120 VAC 60H

CX-TRX-2012

CX-TRN-2024

CX-TRX-5024

CX-TRP-4016

Dimensions:

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

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

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

MAGNETIC LOCKS

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.

SECURITY
UL LISTED
UL 1034
UL 294

c**UL** ULC S533-15

Features

- 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
- 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 - Basic
CX-90S-03	300 Lbs. Surface Mount Single Door - Basic

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

NOW WITH MOUNTING JIG INCLUDED!

CX-90S-03

CX-91S-06

CX-91S-12

Specifications

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

MAGNETIC LOCKS

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. CX-92 Series 600 & 1200 Lbs. magnetic locks are now UL 1034, UL 294, & ULC S533 listed.*

SECURITY
UL UL 1034
LISTED UL 294

cRU ULC S533-15

Features

- 600 and 1,200 Lbs. single door models
- Weather and vandal resistant construction proven over thousands of installations
- Compatible with all access/egress systems
- Metal mounting jig included
- 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

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

NOW WITH METAL MOUNTING JIG !

CX-92S-06

CX-92S-12

MAGNETIC LOCKS

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	• Field selectable 12/24 VDC operation
• Built-in door monitor sensor and relay output 0.5 Amp @ 28 VDC	• 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	Surface mounting kit for CX-93M-12LS

Specifications

Voltage:	12/24 VDC
Current Draw:	310mA @ 12 VDC 180mA @ 24 VDC
Temp Range:	14°F to 122°F (-10°C to 50°C)
Contact Rating:	**Bond Sensor:** 0.5A @ 28 VDC
Time Delay:	Selectable 3, 6, 9 & 12 Seconds
Temp Op. Range:	-4°F to 122°F (-20°C to +50°C)
Dimensions:	**Lock:** 1-3/8"H x 7-1/4" W x 1"D (35mm x 184mm x 25mm)
	Control Board: 2-1/2"H x 1-1/16"W (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	• Field selectable 12/24 VDC operation
• Compatible with all access / egress systems	• On board MOV power surge protection prevents damage to mag lock
• Conduit fitting for weather resistant installation	• Lifetime Warranty
• Built-in lock sensor and relay	

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 250mA @ 24 VDC
Temp Range:	5F to 122F (-15°C to 50°C)
Contact Rating:	**Bond Sensor:** 1A @ 30 VDC
Dimensions:	2-1/2"H x 8"W x 1-5/8"D (63mm x 203mm x 41.5mm)

MAGNETIC LOCKS

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, space bars and glass mounting kits.*

Note: 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, technical support departments, or visit our website.

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-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
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)

L Bracket

LZ Bracket

Spacer Bar

Armature

Glass Mounting Kit

Split Armature
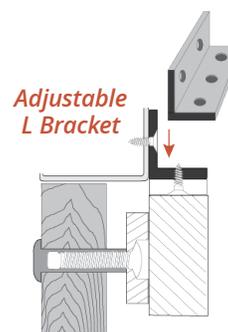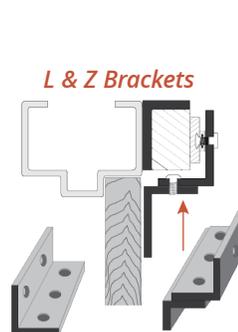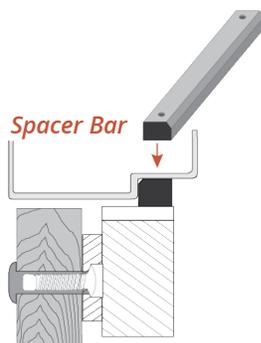
Spacer Bar

L & Z Brackets

Adjustable L Bracket

Glass Mounting Kit

MAGNETIC LOCKS

EXIT WATCH™

CX-DE1200 SERIES:
DELAYED EGRESS

NEW

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

SECURITY c(UL)us **LISTED**

Features

- Holding Force up to 1,200 Lbs.
- Field selectable exit delay time 15/30 seconds
- Nuisance Delay period either 1/2 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

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)

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	Auto / Manual	Manual	Unlocked	
CX-DE1200/1220-B1	15			0 or 1	Auto / Manual			Locked/Unlocked
CX-DE1200/1220-B2	30			0 or 1	Auto / Manual			Locked/Unlocked
CX-DE1200/1220-B3	15		0		Auto / Manual			Locked/Unlocked
N# = NFPA COMPLIANCE B# = BOCA COMPLIANCE								

MAGNETIC LOCKS

| 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

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 15 W audio speaker station, non-illuminated
CX-DESPK15SM	Surface Mount, external 15 W audio speaker station, non-illuminated
CX-DESPK15/54i	Flush Mount, external 15 W audio speaker station, optional Aura™ PCB feature displays 3 colors for designated states
CX-DESPK15/55i	Surface Mount, external 15 W 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
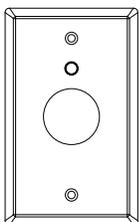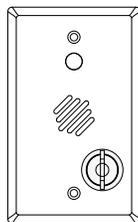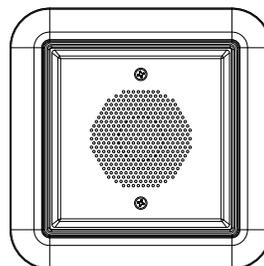
CX-DE502SO   *CX-DESPK*   *CX-DESPK15FM*

DOOR MONITOR ALARMS

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.

CX-DA100   **CX-DA200**

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

Specifications

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

CX-DA300 / CX-DA400

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

Input:	N/O or N/C Alarm Shunt N/C Door Contact N/O Remote Reset/Bypass Voltage Sense Shunt
Output:	N/O & N/C Door Contact Status N/O & N/C Door Prop Alarm Status N/O & N/C Intrusion/Tamper Alarm Status N/O & N/C Bypass/Key switch Status Remote LED
Contact Rating:	Form 'C', 1 Amp
Time Delay:	Auto Reset 0 sec. -5 min. / Manual Alarm Delay 0 sec. – 5 min./ Infinite Silent Time 0 sec. – 90 min.
Sounder:	High – 103 dB @ 3 ft. Low – 96 dB @ 3 ft.
Dimensions:	4-5/8"H x 4-5/8" W x 1/2"D (117mm x 117mm x 64mm)

ADJUSTABLE TIME DELAYS

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.*

Features	
• Ultra compact design • 12/24V AC/DC • Adjustable delay from 1-30 seconds	• Color coded leads & plastic case • 3 year warranty

MODEL	
CX-1000/74	MicroMinder
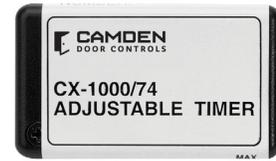
Specifications

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 (57mm x 32mm x 19mm)
Mounting:	Double Sided Foam Tape
Enclosure:	Black Styrene Plastic

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-EMF-2
Multi-Function Relay
Page 26

CX-33
Advanced Logic Relay
Page 25

CX-12 PLUS
Door Interface Relay
Page 24

CX-33PS:
*Control Relay &
2 amp Power Supply
Cabinet now available!*
Page 25

ADJUSTABLE TIME DELAYS

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.*

Features	
• Adjustable delay from 1 second - 4 hours	• SPDT contacts with LED
• Dipswitch programming for accuracy	• 12-24 VDC
• Normal/fail safe output	• DPDT contacts rated 5 Amps @ 24 VDC

MODEL	
CX-1000/77	MaxiMinder

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 (51mm x 76mm x 19mm)
Mounting:	Double Sided Foam Tape

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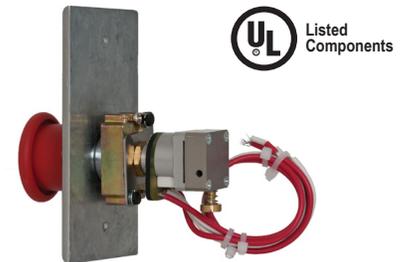
CX-1085M
(Push button sold separately)

Features	
• 1 to 60 second timer	• To view Exit buttons with pneumatic timers, see CM-4000, 5000, 7000 and 8000 series (pages 47 - 53)
• May be ordered separately, or factory installed on select exit buttons	
• DPST contacts rated 5 Amp @ 30 VDC	

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 (25mm x 35mm x 57mm)

ADJUSTABLE TIME DELAYS

CX-247: 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 Volt 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 @ Rated Capacity
Dimensions:	2-3/8"H x 2-3/8"W x 1-1/4"D (60mm x 60mm x 32mm)

DOOR CONTROL RELAYS

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.*
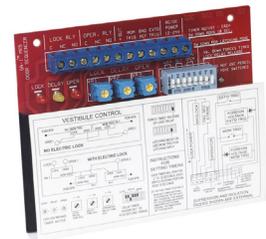
Features

- 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 @ Rated Capacity
Time Delay:	D.O.R. #1: 0.5-30 Seconds D.O.O. #2: 0.5-30 Seconds D.O.R. #2: 0.5-30 Seconds
Dimensions:	3-1/2"H x 4"W x 2/3"D (89mm x 102mm x 19mm)

DOOR CONTROL RELAYS

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 (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.

NEW RESTROOM CONTROL MODE!

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 Programing 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 @ Rated Capacity
Modes:	8
Time Delay:	D.O.R. #1: 1-30 Seconds D.O.O. #2: 1-30 Seconds D.O.R. #3: 1-30 Seconds
Dimensions:	2-5/16"H x 3-1/4" W x 11/16"D (58mm x 83mm x 18mm)

DOOR CONTROL RELAYS

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.

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

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 1 x Wet: min. 5V AC/DC 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 Delay 1 Timer: 0-15 Seconds Hold 2 timer: 0-50 Seconds Delay 2 timer: 0-60 Seconds Hold 3 Timer: 0-50 Seconds Delay on Activate: 0-10 Seconds
Dimensions:	2"H x 6"W x 7/8"D (51mm x 152mm x 22mm)

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.

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 32-35).
- 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

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:	7-7/8"H x 11-1/16"W x 2-13/16"D 200mm x 184mm x 72mm)

DOOR CONTROL RELAYS

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 unsecured 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

- Microprocessor control
- 3 mode selector switch
- 5 adjustable timers, 1-30 seconds each
- LEDs for visual confirmation
- May be used on normally locked and normally unlocked washroom doors
- 12-24V AC/DC
- Plug-In connectors facilitate wiring
- SPDT contacts rated 3 Amps @ 30 VDC
- 7 dry inputs
- Use with fail-safe and fail-secure locks
- Enclosed plastic case or mounted in metal enclosure
- 3 year warranty

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 Same as CX-EMF-2M but configured for ABM vestibules

Specifications

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

CX-EMF-2M

CX-EMF-2ABM

DOOR CONTROL RELAYS

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 (#) (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 (# 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
New! Lock-Down Mode	Yes	No	No	No	Applications include schools
New! 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"	

DOOR CONTROL RELAYS

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" gap
CX-MDC	SPDT surface magnetic contact, white, 1"
CX-MDH	SPST recessed magnetic contact, 1-1/16"

CX-MDA   **CX-MDC**   **CX-MDH**

Specifications

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

ANNUNCIATORS

CX-LED: SINGLE GANG LED PLATES

CX-LED Series single gang plates annunciate 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.

CX-LED1/50

CX-LED2

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, 12/28 VDC
CX-LED2	Single gang, 2 LEDs, blank, 12/28 VDC

LED Options (if not specified, 'RED' will be supplied)	
CX-R	Add suffix 'R' to model number for red LED
CX-G	Add suffix 'G' to model number for green LED
CX-RG	Add suffix 'RG' to model number for (1) red LED & (1) green LED

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**		
OCCUPIED	OCCUPIED WHEN LIT	DOOR LOCKED WHEN LIT	ASSISTANCE REQUIRED	IN USE	OCCUPIED VACANT	DOOR LOCKED DOOR UNLOCKED	ARMED DISARMED
CX-xx/50	CX-xx/51	CX-xx/52	CX-xx/53	CX-xx/54	CX-xx/55	CX-xx/56	CX-xx/57

ANNUNCIATORS

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.
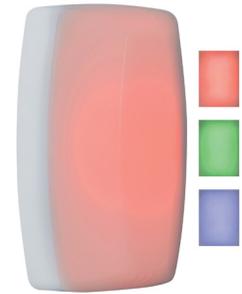
CM-AF142SO

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: 40 - 70mA
	CM-AF142SO: 70mA max 1 color 130mA max multi-color
Temp Range:	32°F - 176°F (0°C - 80°C)
Finish:	White
Sounder:	Adjustable, 93dB @ 3 Ft. (1 meter) max.
Dimensions:	4-1/2"H x 3"W x 2"D (114mm x 76.2mm x 51mm)

MODELS

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

CM-AF141SO WHITE
Continuous Illumination/ alarm

CM-AF142SO RED, GREEN, BLUE & WHITE
Flashing Illumination

ASSISTANCE REQUIRED

◄ *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*
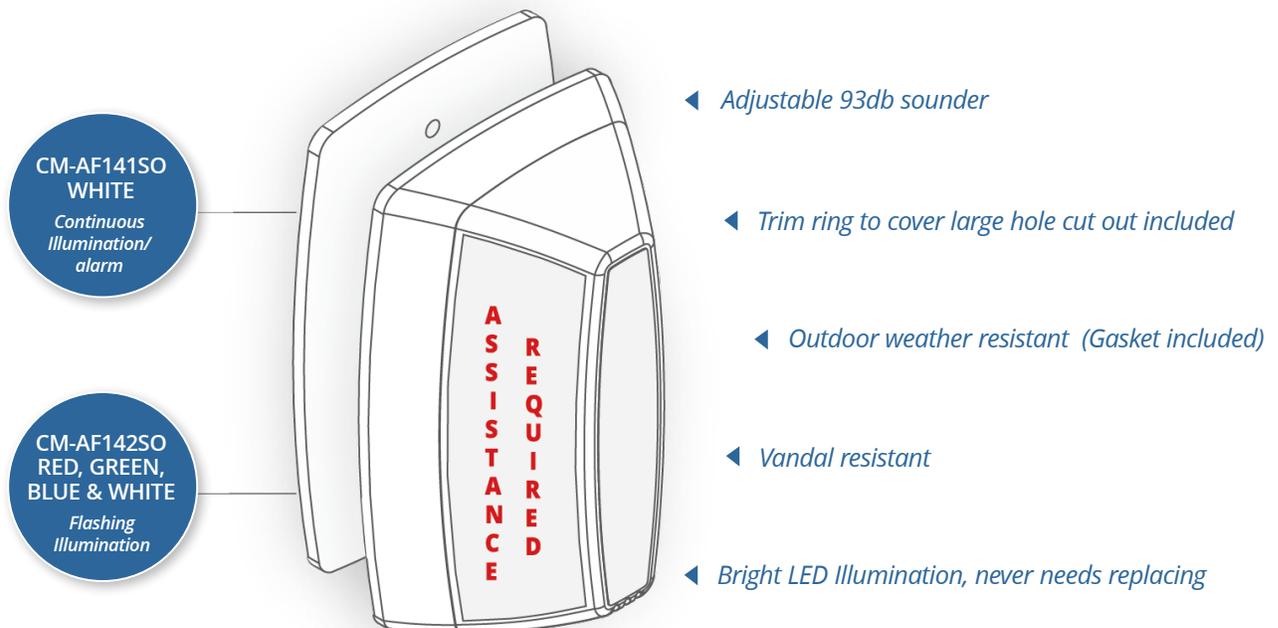
ANNUNCIATORS

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.

Specifications

Voltage:	12/30V AC/DC
Current Draw:	**CM-AF500/AF550R:** 30 – 50mA **CM-AF501SO/AF540SO:** 30 – 75mA
Temp Range:	32°F - 176°F (0°C - 80°C)
Construction:	18 gauge stainless steel faceplate
Sounder:	**CM-501SO/CM-AF540SO:** Adjustable, 85dB @ 10cm max.
Push Button:	**CM-AF540SO:** Maintained (Push/Pull), N/O & N/C, 6A @ 30 VDC **CM-AF550R:** Momentary (Spring Action) N/O, 6A @ 30 VDC
Std. Finish:	US 32/C32D
Dimensions:	**CM-AF500/CM-AF501SO:** 4-1/2"H x 2-3/4"W x 9/16"D (114mm x 70mm x 15mm) **CM-AF503:** 3"H x 5-1/8"W x 9/16"D (76mm x 127mm x 15mm) **CM-AF540SO/CM-AF550R:** 4-1/2"H x 4-1/2"W x 9/16"D (114mm x 114mm x 15mm)

Features

- CM-AF500: (6) message insert labels included, English, French and Bilingual
- CM-AF503: Horizontal, curved, with (6) message labels
- CM-AF501SO: 'Assistance Required' label, with sounder
- CM-AF501SO: Adjustable 85dB 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', 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

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

DOOR LOCKED WHEN RED
UNLOCKED WHEN GREEN

PUSH TO OPEN

PUSH TO LOCK
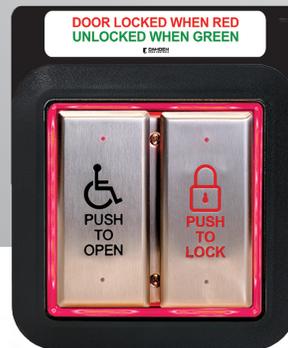
▶ *Barrier Free control, activation, locking, annunciation and signage.*

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.

• **CM-330 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.

COMPLETE SYSTEM SOLUTIONS

ASSISTANCE REQUIRED

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

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.

ONLINE SPECIFICATION PARTNERS   CADdetails   COMSENSE   S Sweets

RESTROOM CONTROL KITS

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.*

UL Listed Components

ADA Compliant

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

CX-WC10

CX-WC11

CX-WC11ASM-PS

CX-WC11AFM-PS

CX-WC13AXSM

RESTROOM CONTROL KITS

CX-WC: BARRIER FREE RESTROOM CONTROL KITS

UL Listed Components

ADA Compliant

MODELS

CX-WC13AXFM	**FLUSH MOUNT COMBO ILLUMINATED PUSH PLATE SYSTEM** (1) **CX-33** Advanced Logic Relay (1) **CM-2520/4854SE1** Combo switch, 2" x 4" narrow 'PUSH TO OPEN' & 'PUSH TO LOCK', Flush mount AURA™ illuminated enclosure and sign (1) **CM-45/454SE1** 4-1/2" Square (concealed screws) push plate, c/w 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 (1) **CX-MDA** Magnetic contact, surface, SPST, white
CX-WC13AXSM-PS	**SURFACE MOUNT COMBO ILLUMINATED PUSH PLATE SYSTEM** (1) **CX-33PS** Advanced Logic Relay, 2 Amp Power Supply, Cabinet and Transformer (1) **CM-2520/4854SE1** Combo switch, 2" x 4" narrow 'PUSH TO OPEN' & 'PUSH TO LOCK', Surface mount AURA™ illuminated enclosure and sign (1) **CM-45/454SE1** 4-1/2" Push plate switch, wheelchair & 'PUSH TO OPEN' with Surface mount AURA™ illuminated enclosure and sign (1) **CX-ED2079** Grade 2 ANSI electric strike with 3 faceplates (1) **CX-MDA** Magnetic contact, surface, SPST, white Add suffix 'F' to model number for French language
CX-WC13AXFM-PS	**FLUSH MOUNT COMBO ILLUMINATED PUSH PLATE SYSTEM** (1) **CX-33PS** Advanced Logic Relay, 2 Amp Power Supply, Cabinet and Transformer (1) **CM-2520/4855SE1** Combo switch, 2" x 4" narrow 'PUSH TO OPEN' & 'PUSH TO LOCK', Flush mount AURA™ illuminated enclosure and sign (1) **CM-45/455SE1** 4-1/2" Push plate switch, wheelchair & 'PUSH TO OPEN' with Flush mount AURA™ illuminated enclosure and sign (1) **CX-ED2079** Grade 2 ANSI electric strike with 3 faceplates (1) **CX-MDA** Magnetic contact, surface, SPST, white Add suffix 'F' to model number for French language
CX-WC14AXSM	**SURFACE MOUNT TWO DOOR RESTROOM SYSTEM** (1) **CX-EMF2** Multi-Function Relay Controller (2) **CM-2520/4854SE1** Combo switch, 2" x 4" narrow 'PUSH TO OPEN' & 'PUSH TO LOCK', Surface mount AURA™ illuminated enclosure and sign (2) **CM-45/454SE1** 4-1/2" Push plate switch, wheelchair & 'PUSH TO OPEN' with Surface mount AURA™ illuminated enclosure and signs (2) **CX-MDA** Magnetic contact, surface, SPST, white Add suffix 'F' to model number for French language
CX-WC14AXFM	**FLUSH MOUNT TWO DOOR RESTROOM SYSTEM** (1) **CX-EMF2** Multi-Function Relay Controller (2) **CM-2520/4854SE1** Combo switch, 2" x 4" narrow 'PUSH TO OPEN' & 'PUSH TO LOCK', Flush mount AURA™ illuminated enclosure and sign (2) **CM-45/454SE1** 4-1/2" Push plate switch, wheelchair & 'PUSH TO OPEN' with Flush mount AURA™ illuminated enclosure and signs (2) **CX-MDA** Magnetic contact, surface, SPST, white Add suffix 'F' to model number for French language
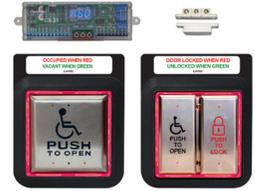
CX-WC13AXFM

CX-WC13AXSM-PS

CX-WC13AXFM-PS
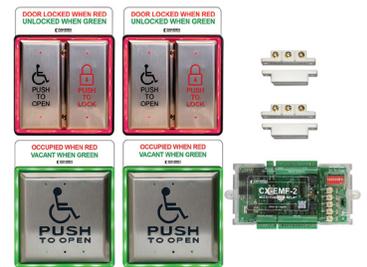
CX-WC14AXSM
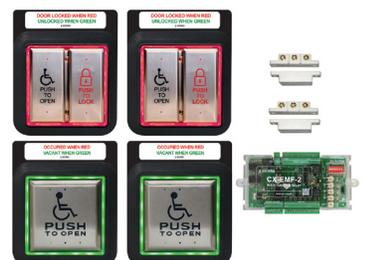
CX-WC14AXFM

RESTROOM CONTROL KITS

CX-WC: BARRIER FREE RESTROOM CONTROL KITS

UL Listed Components

ADA Compliant

MODELS	
CX-WC14AXSM-PS	**SURFACE MOUNT TWO DOOR RESTROOM SYSTEM, WITH POWER SUPPLY** (1) **CX-EMF-2** Multi-function relay controller (1) **CX-PS10UL** Power supply and cabinet, 1 Amp (2) **CM-2520/4854SE1** Combo switch, 2" x 4" narrow 'PUSH TO OPEN' & 'PUSH TO LOCK', Surface mount AURA™ illuminated enclosure and sign (2) **CM-45/454SE1** 4-1/2" Push plate switch, wheelchair & 'PUSH TO OPEN' with Surface mount AURA™ illuminated enclosure and sign (2) **CX-ED2079** Grade 2 ANSI electric strike with 3 faceplates (2) **CX-MDA** Magnetic contact, surface, SPST, white Add suffix 'F' to model number for French language
CX-WC14AXFM-PS	**FLUSH MOUNT TWO DOOR RESTROOM SYSTEM, WITH POWER SUPPLY** (1) **CX-EMF-2** Multi-function relay controller (1) **CX-PS10UL** Power supply and cabinet, 1 Amp (2) **CM-2520/4855SE1** Combo switch, 2" x 4" narrow 'PUSH TO OPEN' & 'PUSH TO LOCK', Flush mount AURA™ illuminated enclosure and sign (2) **CM-45/455SE1** 4-1/2" Push plate switch, wheelchair & 'PUSH TO OPEN' with Flush mount AURA™ illuminated enclosure and sign (2) **CX-ED2079** Grade 2 ANSI electric strike with 3 faceplates (2) **CX-MDA** Magnetic contact, surface, SPST, white Add suffix 'F' to model number for French language
CX-WC16	**TOUCHLESS SWITCH RESTROOM KIT** (1) **CX-33** Advanced Logic Control Relay & Power Supply Cabinet (1) **CM-331/43S-SGLR** Wired touchless switch, 1 relay, 'Wave to Lock' with stainless steel faceplate and Red/Green/Blue LED illumination (1) **CM-331/42SW-SGLR** Wired touchless switch, 1 relay, 'Wave to Open' with double gang stainless steel faceplate and Red/Green/Blue LED illumination (1) **CM-325/42SW** Wired 'short range' touchless switch, 1 relay, 'Wave to Open' with stainless steel faceplate, non illuminated (1) **CX-MDA** Magnetic contact, surface, SPST, white Add suffix 'F' to model number for French language
CX-WC16-PS	**TOUCHLESS SWITCH RESTROOM KIT WITH POWER SUPPLY** (1) **CX-33PS** Advanced Logic Relay, 2 Amp Power Supply, Cabinet and Transformer (1) **CM-331/43S-SGLR** 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. (1) **CM-331/42SW-SGLR** Wired touchless switch, 1 relay, hand icon, 'WAVE TO OPEN' text & wheelchair symbol; double gang stainless steel faceplate, light ring & stainless steel faceplate (1) **CM-325/42SW** Wired 'SHORT RANGE' touchless switch, 1 relay, hand icon, 'WAVE TO OPEN' text and wheelchair symbol, double gang stainless steel faceplate (1) **CX-ED2079** Grade 2 ANSI electric strike with 3 faceplates (1) **CX-MDA** Magnetic contact, surface, SPST, white Add suffix 'F' to model number for French language

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.

RESTROOM CONTROL KITS

CX-WC: BARRIER FREE RESTROOM CONTROL KITS

MODELS	
CX-WC17	**COLUMN™ SWITCH RESTROOM SYSTEM KIT** (2) **CM-7536/4** 'Push to Open' Switches (1) **CM-7536/8B** 'Push to Lock' (Red) Switch (2) **CM-AF503** LED Annunciators (with 'Occupied' and 'Locked' Message Labels) (1) **CX-33** Controller (1) **CX-MDA** Surface Magnetic Contacts
CX-WC17-PS	**COLUMN™ SWITCH RESTROOM SYSTEM KIT WITH POWER SUPPLY** (2) **CM-7536/4** 'Push to Open' Switches (1) **CM-7536/8B** 'Push to Lock' (Red) Switch (2) **CM-AF503** LED Annunciators (with 'Occupied' and 'Locked' Message Labels) (1) **CX-33PS** Controller and Power Supply Cabinet (1) **CX-ED2079** Grade 2 Electric Strike (1) **CX-MDA** Surface Magnetic Contacts

CX-WC17

CX-WC17-PS

CX-WEC SERIES: EMERGENCY CALL SYSTEMS FOR UNIVERSAL RESTROOMS

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).

UL Listed Components   **ADA** Compliant

Specifications

Current Draw: CX-WEC Series: 165mA

MODELS	
CX-WEC10	**UNIVERSAL EMERGENCY CALL KIT** (1) **CM-450R/12** Mushroom Push button, single gang, stainless steel faceplate, push/pull, 'PRESS FOR EMERGENCY ASSISTANCE' (1) **CM-AF501SO** Single gang LED annunciator with adjustable sounder 'ASSISTANCE REQUESTED' (1) **CM-AF141SO** Single Gang LED Dome Light with sounder (1) **CM-SE21A** 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. Add suffix 'F' to model number for French language.
CX-WEC10K2	**UNIVERSAL EMERGENCY CALL SYSTEM KIT, WITH WHITE DOME LIGHT** (1) **CM-AF540SO** Double gang, push/pull mushroom push button, red, 'Assistance Required', with LED annunciator & adjustable sounder, 'Assistance Requested' (1) **CM-AF141SO** Single Gang LED Dome Light with sounder (1) **CM-SE21A** English, solid white sign, 'IN THE EVENT OF AN EMERGENCY PUSH EMERGENCY BUTTON AND AUDIBLE AND VISUAL SIGNAL WILL ACTIVATE'

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

PRESS FOR EMERGENCY ASSISTANCE   ASSISTANCE REQUESTED   ASSISTANCE REQUIRED

CX-WEC10

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

PRESS FOR EMERGENCY ASSISTANCE   ASSISTANCE REQUESTED   ASSISTANCE REQUIRED

CX-WEC10K2

RESTROOM CONTROL KITS

CX-WEC SERIES: EMERGENCY CALL SYSTEMS FOR UNIVERSAL RESTROOMS

UL Listed Components

ADA Compliant

MODELS

CX-WEC10BK2

UNIVERSAL EMERGENCY CALL SYSTEM KIT, WITH MULTI-COLOR DOME LIGHT
- (1) **CM-AF540SO** Double gang, push/pull mushroom push button, red, 'Assistance Required', with LED annunciator & adjustable sounder, 'Assistance Requested'
- (1) **CM-AF142SO** Single Gang Multi-Color LED Dome Light with Sounder
- (1) **CM-SE21A** English, solid white sign, 'IN THE EVENT OF AN EMERGENCY PUSH EMERGENCY BUTTON AND AUDIBLE AND VISUAL SIGNAL WILL ACTIVATE'

CX-WEC10CK2

EMERGENCY CALL SYSTEM KIT-2 DOOR RESTROOMS, MULTI-COLOR DOME LIGHT
- (1) **CM-AF540SO** Double gang, push/pull mushroom push button, red, 'Assistance Required', with LED annunciator & adjustable sounder, 'Assistance Requested'
- (2) **CM-AF142SO** Single Gang Multi-Color LED Dome Light with Sounder
- (1) **CM-SE21A** English, solid white sign, 'IN THE EVENT OF AN EMERGENCY PUSH EMERGENCY BUTTON AND AUDIBLE AND VISUAL SIGNAL WILL ACTIVATE'

CX-WEC12

UNIVERSAL EMERGENCY CALL KIT, WITH PUSH BUTTON RESET
- (1) **CM-AF501SO** Single gang LED annunciator with adjustable sounder 'ASSISTANCE REQUESTED'
- (1) **CM-AF141SO** Single Gang LED Dome Light with sounder
- (1) **CM-SE21A** English, solid white sign, 'IN THE EVENT OF AN EMERGENCY PUSH EMERGENCY BUTTON AND AUDIBLE AND VISUAL SIGNAL WILL ACTIVATE'
- (1) **CM-LRS24** 24V Latching Relay Assembly for EM Call System using momentary 'Press For Emergency Assistance' switches
- (1) **CM-8010/13** momentary, 'Press for Reset' 1" red push button; For use with momentary 'Press For Emergency Assistance' switches (extra)

CX-WEC13

UNIVERSAL EMERGENCY CALL KIT, WITH KEY SWITCH RESET
- (1) **CM-AF501SO** Single gang LED annunciator with adjustable sounder 'ASSISTANCE REQUESTED'
- (1) **CM-AF141SO** Single Gang LED Dome Light with sounder
- (1) **CM-SE21A** English, solid white sign, 'IN THE EVENT OF AN EMERGENCY PUSH EMERGENCY BUTTON AND AUDIBLE AND VISUAL SIGNAL WILL ACTIVATE'
- (1) **CM-LRS24** 24V Latching Relay Assembly for EM Call System using momentary 'Press For Emergency Assistance' switches
- (1) **CM-1205/14-60KD** 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)

CX-WEC10BK2

CX-WEC10CK2

CX-WEC12

CX-WEC12

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

RESTROOM CONTROL KITS

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' 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. Add suffix 'F' to model number for French language, 'FE' for bilingual
CM-AF142SO	Single Gang Multi-Color LED Dome Light with sounder 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-8010/13	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). '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) '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) '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) '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
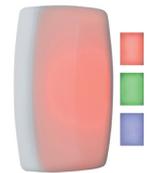
CM-AF141SO   CM-AF142SO

CM-LRS12

CM-1205/14-60KD   CM-8010/13

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

CM-SE21A

DANS LE CAS D'UNE URGENCE POUSSER LE BOUTON D'URGENCE POUR ACTIVER LE SIGNAL SONORE ET VISUEL

CM-SF20A

62
CM-RQE70A

66
CM-45/4

DOOR ACTIVATION DEVICES

69
CM-75 Series

ILLUMINATED PUSH BUTTONS

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

CM-30 Series UL compliant 'Request to Exit' (REX) switches also conform to NFPA and ADA standards. They are designed to control electric locks, electromagnetic locks, electric strikes, and low energy door operators. They may also be used for shunting, bypassing alarms, request to exit, timed functions and many other applications.

CM-30E

UL 294 Compliant
Intertek

ADA Compliant

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
- 12/24V 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:	**CM-30E/C/U:** 4-1/2"H x 2-3/4"W x 2-1/2"D (114mm x 70mm x 64mm)

'UNIVERSAL' MULTI LABEL SWITCHES

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

'ECONOMICAL' ONE LABEL SWITCH

CM-30E	(1) English 'PUSH TO EXIT', Green label, 12-28V 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)
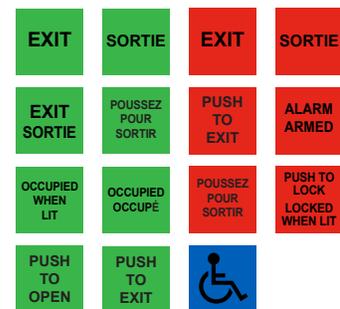
CM-30C
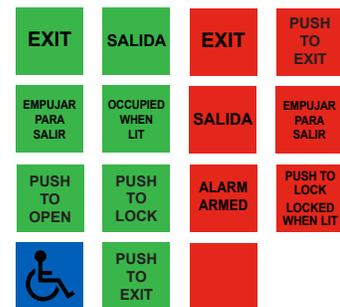
CM-30U

ILLUMINATED PUSH BUTTONS

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.

* ETL LISTED Intertek — UL 294 Compliant   UL — Listed Components

CM-300RPTE   **CM-310/RE**

CM-300GPTE   **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 12/24V AC/DC
- 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-300GPTE	Green button, 'PUSH TO EXIT' faceplate graphics, SPDT Momentary (No button or graphic options)
CM-300RPTE*	Red button, 'PUSH TO EXIT' faceplate graphics, SPDT Momentary (No button or graphic options)

NARROW FACEPLATE

CM-310	Blank faceplate, SPDT Momentary
CM-310GPTE	Green button, 'PUSH TO EXIT' faceplate graphics, SPDT Momentary (No button or graphic options)
CM-310RPTE*	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:	**CM-300:** 4-1/2"H x 2-3/4"W x 1-5/16"D (114mm x 70mm x 33mm) **CM-310:** 4-1/2"H x 1-3/4"W x 1-5/16"D (114mm x 44mm x 33mm)

OPTIONS (Add suffix and cost to model above)

Faceplate Graphic Options (Note: All faceplate graphics are black)				**Button Graphic Options** (Note: All button texts are black)		
PUSH TO OPEN	POUSSEZ POUR OUVRIR	EMPUJE PARA ABRIR	PUSH TO LOCK	EXIT	SORTIE	SALIDA
CX-xx/3	CX-xx/3F	CX-xx/3S	CX-xx/8	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

VANDAL RESISTANT PUSH BUTTONS

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

CM-9000 and CM-9100 Series push/exit buttons are all-metal construction and 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.

CM-9080PTE

CM-9180

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

CM-9080/3F

CM-9180PTE

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

Specifications

Voltage:	12/24 VDC
Contact Type:	**CM-9080/9180:** DPDT Momentary
	CM-9090/9190: DPDT Maintained
Contact Rating:	6A @ 30 VDC
Std. Finish:	Brushed Aluminum
Dimensions:	**CM-9000 Series:** 4-1/2"H x 2-3/4" W x1-1/8"D (114mm x 70mm x 28mm)
	CM-9100 Series: 4-1/2"H x 1-3/4" W x1-1/8"D (114mm x 44mm x 28mm)

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

OPTIONS (Add suffix and cost 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-xxE
♿	PUSH TO OPEN	POUSSEZ POUR OUVRIR	EMPUJE PARA ABRIR	PUSH TO EXIT	POUSSEZ POUR SORTIR	PUSH TO LOCK	EXIT

VANDAL RESISTANT PUSH BUTTONS

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

RoHS COMPLIANT

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

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 (-40°C to +82°C)
Std. Finish:	US32/C32D
Dimensions:	**Single Gang:** 4-1/2"H x 2-3/4"W x 1-1/2"D (114mm x 70mm x 38mm) **Jamb Width:** 4-1/2"H x 1-3/4"W x 1-1/2"D (114mm x 45mm x 38mm)

SINGLE GANG FACEPLATE	
CM-9600	Illuminated piezo electric push button, blank faceplate

NARROW FACEPLATE	
CM-9610	Illuminated piezo electric push button, blank faceplate

Remote Activation / Control	
CM-9600C	Cable for remote activation / control of switch LED

OPTIONS (Add suffix and cost to model above)

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

PUSH TO OPEN	POUSSEZ POUR OUVRIR	EMPUJE PARA ABRIR	PUSH TO EXIT	POUSSEZ POUR SORTIR	PUSH TO LOCK	EXIT
CX-xx/3	*CX-xx/3F*	*CX-xx/3S*	*CX-xx/7*	*CX-xx/7F*	*CX-xx/8*	*CX-xxE*

VANDAL RESISTANT PUSH BUTTONS

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

RoHS COMPLIANT

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

- One piece aluminum construction
- No moving parts; virtually impervious to vandalism
- Lifetime 'Camden Tough' warranty with '2 for 1' replacement

- 3 labels included:
  'U' models with English & Spanish labels,
  'C' models with English & French labels
- No power required to operate

Specifications

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

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 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)

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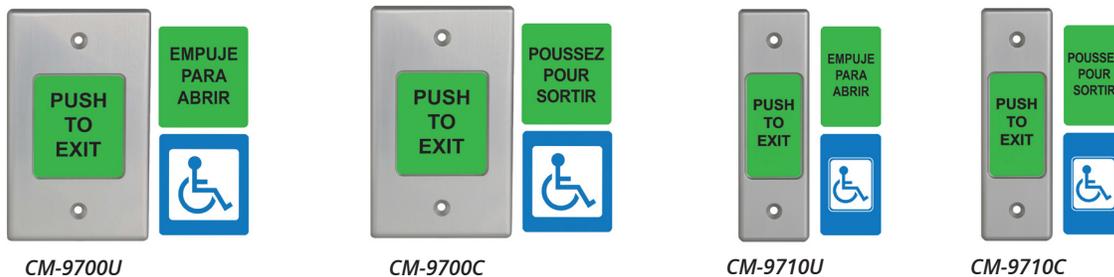
'U' and 'C' versions include these message labels.

VANDAL RESISTANT PUSH BUTTONS

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

Features

- Capacitive Touch Technology
- ADA and 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

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 (116mm x 86mm x 21mm)

Crisis Response Demands The Best!

BEST PERFORMANCE

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 48)*
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.

MEDIUM DUTY VANDAL RESISTANT BUTTONS

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.

UL Listed Components

CM-7000R   CM-7100R

Features

- 1" diameter red or green button
- Mounted on heavy 1/4" 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:	**CM-7000/7100:** N/O SPST
	CM-7010/7110: N/C SPST
	CM-7020/7120: N/O + N/C DPST
	CM-7085/7185: N/O + N/C DPST Form Z with Pneumatic Timer
Contact Rating:	6A @ 30 VDC
Switch Type:	Momentary
Std. Finish:	Brushed Aluminum
Dimensions:	**CM-7000 / 7010 / 7020:** 4-1/2"H x 2-3/4" W x 1-3/4"D (114mm x 70mm x 44mm)
	CM-7100 / 7110 / 7120: 4-1/2"H x 1-3/4" W x 1-3/4"D (114mm x 44mm x 44mm)
	CM-7085: 4-1/2"H x 2-3/4" W x 2-1/4"D (114mm x 70mm x 57mm)
	CM-7185: 4-1/2"H x 1-3/4" W x 2-1/4"D (114mm x 45mm x 57mm)

OPTIONS (Add suffix and cost to model above)

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

CX-xx/2	CX-xx/3 PUSH TO OPEN	CX-xx/3F POUSSEZ POUR OUVRIR	CX-xx/3S EMPUJE PARA ABRIR
CX-xx/4 PUSH TO OPEN	CX-xx/7 PUSH TO EXIT	CX-xx/7F POUSSEZ POUR SORTIR	CX-xx/8 PUSH TO LOCK

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

EXIT	SORTIE	SALIDA
CM-xxE	CM-xxS	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 VANDAL RESISTANT BUTTONS

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.

UL Listed Components

ADA Compliant

CM-8000RE   *CM-8100G*

Features

- 1" diameter, extended red or green buttons
- Mounted on heavy 1/4" 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 and cost to model above)

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

♿ *CX-xx/2*	**PUSH** TO OPEN *CX-xx/3*	**POUSSEZ POUR OUVRIR** *CX-xx/3F*	**EMPUJE PARA ABRIR** *CX-xx/3S*
♿ **PUSH** TO OPEN *CX-xx/4*	**PUSH** TO EXIT *CX-xx/7*	**POUSSEZ POUR SORTIR** *CX-xx/7F*	**PUSH** TO LOCK *CX-xx/8*

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

EXIT *CM-xxE*	**SORTIE** *CM-xxS*	**SALIDA** *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

MUSHROOM PUSH BUTTONS

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-420RPTE*	N/O & N/C Plain faceplate, with 'Push to Exit' engraved on button
CM-450	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:	**CM-400:** 4-1/2"H x 2-3/4"W x 1-3/4"D (114mm x 70mm x 44mm)
	CM-400N: 4-1/2"H x 1-3/4"W x 1-3/4"D (114mm x 44mm x 44mm)
	CM-400W: 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 and cost to model above)

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

CX-xx/1	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	POUSSEZ POUR VERROUILLER CX-xx/8F	POUSSEZ POUR VERROUILLER PUSH TO LOCK CX-xx/8FE	PRESS FOR EMERGENCY ASSISTANCE CX-xx/12	APPUYER POUR AIDE D'URGENCE CX-xx/12F	APPUYER POUR AIDE D'URGENCE PRESS FOR EMERGENCY ASSISTANCE CX-xx/12FE

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

EXIT CM-xxE	SORTIE CM-xxS	SALIDA CM-xxSA
CM-xxH	SALIDA CM-xxSA	EXIT SALIDA CM-xxESA

MUSHROOM PUSH BUTTONS

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.

UL Listed Components   **ADA Compliant**

CM-3000R   CM-3100G

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

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:	**CM-3000:** 4-1/2"H x 2-3/4"W x 1-3/4"D (114mm x 70mm x 44mm) **CM-3100:** 4-1/2"H x 1-3/4"W x 1-3/4"D (114mm x 44mm x 44mm)

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, 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

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

OPTIONS (Add suffix and cost to model above)

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

CX-xx/2	CX-xx/3 (PUSH TO OPEN)	CX-xx/3F (POUSSEZ POUR OUVRIR)	CX-xx/3S (EMPUJE PARA ABRIR)	CX-xx/4 (PUSH TO OPEN)
CX-xx/7 (PUSH TO EXIT)	CX-xx/7F (POUSSEZ POUR SORTIR)	CX-xx/8 (PUSH TO LOCK)	CX-xx/E (EXIT)	

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

CM-xxE (EXIT)	CM-xxES (EXIT SORTIE)	CM-xxS (SORTIE)
CM-xxH	CM-xxSA (SALIDA)	CM-xxESA (EXIT SALIDA)

MUSHROOM PUSH BUTTONS

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.

* ETL Listed Intertek — UL 294 Compliant   UL® — Listed Components

CM-4000RE

Features	
• Indoor and outdoor applications	• Red, green, or blue mushroom button
• Large, paint filled engraved symbols or words on button	• 1/4" thick aluminum faceplate and HD button are vandal and tamper resistant
• Available with integrated 1-60 second pneumatic time delay	• 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
CM-4110	Spring return, N/C, Momentary
CM-4120	Spring return, N/O & N/C, Momentary
CM-4185	Spring return, DPST 1-60 second pneumatic time delay
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:	SPST and DPST models
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)

CM-4100: 4-1/2"H x 1-3/4"W x 1-3/4"D (114mm x 44mm x 44mm)

CM-4085: 4-1/2"H x 2-3/4"W x 2-1/4"D (114mm x 70mm x 57mm)

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 and cost to model above)

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

PUSH TO OPEN	POUSSEZ POUR OUVRIR	EMPUJE PARA ABRIR
CX-xx/3	CX-xx/3F	CX-xx/3S
PUSH TO EXIT	POUSSEZ POUR SORTIR	PUSH TO LOCK
CX-xx/7	CX-xx/7F	CX-xx/8

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

EXIT	SORTIE	SALIDA
CM-xxE	CM-xxS	CM-xxSA
♿	SALIDA	EXIT SALIDA
CM-xxH	CM-xxSA	CM-xxESA

MUSHROOM PUSH BUTTONS

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.

ETL UL 294 Compliant — Intertek

ADA Compliant

CM-5085RPTE

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:	SPST and DPST models
Switch Type:	Momentary / Maintained / 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:	**CM-5000:** 4-1/2"H x 2-3/4" W x 1-3/4"D (114mm x 70mm x 44mm) **CM-5085:** 4-1/2"H x 2-3/4" W x 2-1/4"D (114mm x 70mm x 57mm)

OPTIONS (Add suffix and cost to model above)

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

EXIT	EXIT SORTIE	SORTIE
CM-xxE	CM-xxES	CM-xxS
(wheelchair symbol)	SALIDA	EXIT SALIDA
CM-xxH	CM-xxSA	CM-xxESA

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

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	• Mounted on heavy 1/4" thick aluminum plate
• Ideal for lock-out or emergency shut-down applications	• Push on, turn key to release
	• Vandal and tamper resistant
	• 3 year warranty

MODELS	
CM-6030	Red, 'PUSH TO LOCK', key to release, N/O, Maintained
CM-6040	Red, 'PUSH TO LOCK', key to release, N/C, Maintained
CM-6050	Red, 'PUSH TO LOCK', key to release 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 (114mm x 70mm x 44mm)

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.

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

CM-810   *CM-840*   *CM-850*

MODELS	
NEMA Enclosure	
CM-810	SPDT Momentary
CM-820	SPST Mantained
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:	**CM-810/820/830/840:** 20 Amps **CM-850:** 10 Amps
Switch Life:	100,000 cycles
Dimensions:	**CM-810/820:** 2-1/2"H x 2-1/4"W x 1-3/8"D (63mm x 57mm x 35mm) **CM-830/840:** 2-7/8"H x 1-1/2"W x 3/4"D (73mm x 38mm x 19mm) **CM-850:** 2-3/8"H x 2-3/8"W x 1/2"D (60mm x 60mm x 13mm)

ECONOMY PUSH BUTTONS

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.

CM-250/8

CM-250/2H

Features

- 1" RED button - requires minimal actuation force
- Stainless steel faceplate in vertical or horizontal configurations
- Available with a variety of messages and logos
- 3 year 'Camden Tough' warranty with '2 for 1' year replacement

NARROW JAMB FACEPLATE

CM-250	Switch with stainless steel faceplate

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 (114mm x 41mm x 32mm)

OPTIONS (Add suffix and cost 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
CM-xxxE					

PUSH BUTTON PARTS

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

HANDS - FREE SWITCHES

ACTIVE INFRARED HANDS-FREE SWITCHES

SureWave™ touchless switches includes 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-330 and CM-333 models 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.

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 57 for faceplate, graphic and light ring options

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

CM-330: BATTERY POWERED, WIRELESS

Features

- Ideal where switch is difficult / expensive to wire
- Long battery life using standard Alkaline batteries

- Low battery & battery test features
- Standard operating range, 1" - 12"
- Requires CM-RX90 / 91 / 92 wireless receiver

MODEL

CM-330	Hands-free switch, battery powered, wireless, 0 relays

Specifications

Sensors:	(1)
Batteries:	(2) 'AA' alkaline (supplied) (2) 'AA' Lithium Batteries (optional)
Battery Life:	2 yrs (100 operations per day)
Output Frequency:	905.25 / 915.25 / 925.25 MHz. (Spread Spectrum)

CM-331: WIRED, 1 RELAY

Features

- Standard Operating range, 1"- 28"
- Extended Range up to 6 ft.
- Adjustable time delay 1 - 30 seconds
- (4) Selectable operating modes

- Inputs for REX and door contact
- Option for light ring (single gang and double gang SS 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

HANDS - FREE SWITCHES

CM-332: WIRED, 2 RELAY

Features	
• Advanced switch with Door Control Functions	• (7) Selectable operating modes
• Standard operating range, 1"-28"	• Inputs for REX and door contact
• Extended Range up to 6ft.	• Option for light ring (single gang and double gang SS only)
• Adjustable time delay 1 - 30 seconds	• 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

CM-333: BATTERY POWERED, (1) RELAY

Features	
• Ideal for retrofit applications using existing wires (only 2 conductors)	• Standard operating range, 1" - 12"
• Long battery life using standard Alkaline batteries	• Adjustable time delay 1 - 30 seconds
	• Inputs for REX and door contact
• Option for plug-in wireless transmitter	• Fail Safe/Non-Fail Safe operation

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

Specifications

Sensors:	(1)
Batteries:	(2) 'AA' alkaline (supplied) (2) 'AA' Lithium Batteries (optional)
Battery Life:	2 yrs (100 operations per day)
Relay Outputs:	(1) Form 'C', 3A @ 30 VDC
Inputs:	REX and Door Contact
Operating Modes:	Momentary, Momentary with Alarm, Maintained (Latching)

CM-324: 'ORIGINAL' MODEL

Features	
• Standard operating range, 3" - 26"	• Proven performance over tens of thousands of installations
• Adjustable time delay 1 - 5 seconds	

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

<u>NOTE:</u> **See page 57 for faceplate, graphic and light ring options**

HANDS - FREE SWITCHES

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)

Specifications

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

MODEL

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

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	
CM-xxx/N	Narrow Faceplate
CM-xxx/W	Double Gang Faceplate
CM-xxx/R	6" Round Stainless Steel Faceplate
Light Ring	
CM-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-TX99	915Mhz. plug-in transmitter for CM-331, 332 & 333 series switches
CM-RX90	Advanced, Compact Single Relay Receiver

OPTIONS (Add suffix to model above)

Faceplate Graphic Options

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 (SGLR)

HANDS - FREE SWITCHES

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 and a selection of faceplate graphics. ValueWave™ hands free switches are water resistant and offer a built-in light ring standard.*

ROHS COMPLIANT   **ADA Compliant**

Features

- Adjustable sensor range 2" to 8" (5 to 20 cm)
- Adjustable time delay (0.5 to 20 sec.) 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

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-34D
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-34D
CM-221/46W	Double Gang, Compatible Surface Mounting Box CM-53

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-34D
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-34D
CM-222/46W	Double Gang, Compatible Surface Mounting Box CM-53

Switch & Power Supply Kit

-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

WAVE TO OPEN	CM-XXX/A42
WAVE TO EXIT	CM-XXX/46

HANDS - FREE SWITCHES

MOUNTING BOXES

CM-23D

CM-34BL

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. Not compatible with CM-333 SureWave™ battery powered touchless switch
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-47SER	4-1/2" round surface box, ABS, 4-1/2"W x 2-5/8"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™ 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™ 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-43CBLA

CM-79AK

NEW

CM-47SER

NEW

CM-69SER

NEW

CM-RH-SG

NEW

CM-RH-DG

SURE◆WAVE™
BY CAMDEN

TOUCHLESS : Designed For Retrofit

12-24V AC/DC

Illuminated

CM-331 Series
Reuse 2 existing wires for power and install an optional CM-TX99 plug-in wireless transmitter to activate the door opening!

Battery

CM-333 Series
Reuse 2 existing wires to activate the door opening and battery to power the switch, with 2 year battery life!

HANDS - FREE SWITCHES

SELECTION CHART

FEATURES	CM-221	CM-324	CM-325	CM-330*	CM-331	CM-332	CM-333
Narrow, 1 gang and 2 gang faceplates	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Polycarbonate or stainless steel faceplate	No	Yes	Yes	Yes	Yes	Yes	Yes
6" Stainless Steel Faceplate	No	Yes	Yes	Yes	Yes	Yes	Yes
5 faceplate graphic options	No	Yes	Yes	Yes	Yes	Yes	Yes
Selectable fail safe / non-fail safe	No	Yes	Yes	Yes	Yes	Yes	Yes
Sensor Range	2" - 8"	3" - 28"	1" - 12"	1" - 12"	3" - 28"	3" - 28"	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*	Yes*
REX input					Yes*	Yes*	Yes*
Door Contact input					Yes	Yes	Yes
Active Ouput, 9 - 12V				Yes	Yes	Yes	Yes
Light Ring, door position or lock status (SS faceplate only)					Yes	Yes	
* CM-RX90, CM-RX91 or CM-RX92 Wireless Receiver required							

PULL STATIONS

CM-700 SERIES: 'UNIVERSAL' BLUE PULL STATIONS

UL Listed Components

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.

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

CM-701 **CM-701SO**

CM-701SO-PC

'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

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.

'Universal' Labels Included

PULL FOR DOOR RELEASE	PULL FOR EMERGENCY DOOR RELEASE	PULL IN CASE OF EMERGENCY	PULL IN CASE OF EMERGENCY / TIRER EN CAS D'URGENCE	JALE EN CASO DE EMERGENCIA

REQUEST TO EXIT DETECTORS

CM-RQE70 : PIR 'REQUEST TO EXIT' DETECTORS

CM-RQE70 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.

SECURITY
c UL us LISTED
UL 294 and ULC-S319
Standards for Access Control

SECURITY today
2018
NEW PRODUCT OF THE YEAR

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
- A plug-in wiring harness, or 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

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 - (1) Fully Custom - Selectable Fail Safe/Fail Secure
Coverage:	- Max. 10' W x 10' H - Horizontal and vertical adjustment (mechanical) - 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 (43mm x 176mm x 43mm)

MODELS

CM-RQE70	PIR 'Request to Exit' detector, white, w/ wiring harness, white 12/24 VDC
CM-RQE70BK	PIR 'Request to Exit' detector, black, w/ wiring harness, black 12/24 VDC
CM-RQE70A	PIR 'Request to Exit' detector, white, w/ wiring terminal, white 12/24 VDC
CM-RQE70ABK	IR 'Request to Exit' detector, black, w/ wiring terminal, black 12/24 VDC
CM-RQEPW	Single gang adaptor plate (White)
CM-RQEPK	Single gang adaptor plate (Black)

CM-RQE-70A   *(Shown with CM-RQEPW adaptor plate)*

On-Board Wiring Terminal

Programming Buttons with Factory Default Modes

Sized to Fit Door Frames

ALL - ACTIVE SWITCHES

KINETIC BY CAMDEN
VERSIONS AVAILABLE

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

UL Listed Components

ADA Compliant

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
  - '/2', '/A2', '/A4' & '/4' Graphic options only
  - Aluminum faceplate

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: **CM-25:** 4-1/2"H x 1-3/4"W x 1-3/16"D
(144mm x 44mm x 30mm)

CM-35: 4-1/2"H x 2-3/4"W x 1-3/16"D
(144mm x 70mm x 30mm)

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. Graphic Options: '/2', '/4', '/A4' 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

NEW **NO-BATTERY KINETIC™ WIRELESS NARROW & SINGLE GANG SWITCHES** with built-in Kinetic™ 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. Graphic Options: '/2', '/4', '/A4' 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

OPTIONS (Add suffix and price 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
					PUSH TO OPEN	POUSSEZ POUR OUVRIR	PUSH TO OPEN	PUSH TO OPEN	PUSH TO OPEN	PUSH TO OPEN	POUSSEZ POUR OUVRIR	PUSH TO LOCK	PUSH TO LOCK

Architectural Finishes				Water Tight Option
CM-xxx-AB	Antique Brass	CM-xxx-OB	Oil Rub Bronze	CM-xxx-WT
CM-xxx-SB	Satin Brass	CM-xxx-PB	Polished Brass	Boot & watertight coating

ALL - ACTIVE SWITCHES

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 2" x 4" 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.

UL Listed Components

ADA Compliant

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

Specifications

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

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
	♿	♿	PUSH TO OPEN	POUSSEZ POUR OUVRIR

CM-xx/4	CM-xx/A4	CM-xx/4F	CM-xx/48
♿ PUSH TO OPEN	♿ PUSH TO OPEN	♿ POUSSEZ POUR OUVRIR	♿ PUSH TO OPEN / PUSH TO LOCK

Mortise Cylinders

CM-CYL60KA	Mortise cylinder 1-1/8", solid brass keyed alike, chrome finish
CM-CYL60KD	Mortise cylinder, 1-1/8", solid brass, keyed different, chrome finish

Water Tight Option

CM-xxx-WT	Add 'WT' to product # for boot and water tight coating

CM-2510/3

CM-2520/4

CM-2520/48

ALL - ACTIVE SWITCHES

KINETIC BY CAMDEN
VERSIONS AVAILABLE

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

UL **Listed Components**   ADA **Compliant**

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.

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

Specifications

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

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

NEW **NO-BATTERY KINETIC™ WIRELESS ROUND SWITCHES**
with built-in Kinetic™ 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

OPTIONS (Add suffix and price 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
					PUSH TO OPEN	POUSSEZ POUR OUVRIR	PUSH TO OPEN

CM-xx/A4	CM-xx/4AL	CM-xx/4AR	CM-xx/4F	CM-xx/8	CM-xx/8B	CM-xx/8F	CM-xx/8D
PUSH TO OPEN	PUSH TO OPEN	PUSH TO OPEN	POUSSEZ POUR OUVRIR	PUSH TO LOCK	PUSH TO LOCK	POUSSEZ POUR VERROUILLER	PUSH TO LOCK DOOR

Architectural Finishes		Water Tight Option	Contact Option
CM-xxx-AB Antique Brass	CM-xxx-OB Oil Rub Bronze	CM-xxx-WT Boot & watertight coating	CM-xxx-DP DPDT switch instead of SPDT
CM-xxx-SB Satin Brass	CM-xxx-PB Polished Brass		

ALL - ACTIVE SWITCHES

KINETIC BY CAMDEN — VERSIONS AVAILABLE

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

UL Listed Components   **ADA Compliant**

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.

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

ROUND 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.

NEW — NO-BATTERY KINETIC™ WIRELESS ROUND SWITCHES
with built-in Kinetic™ transmitter. 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 and price 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				Water Tight Option	Contact Option
CM-xxx-AB	Antique Brass	CM-xxx-OB	Oil Rub Bronze	CM-xxx-WT Boot & watertight coating	CM-xxx-DP DPDT switch instead of SPDT
CM-xxx-SB	Satin Brass	CM-xxx-PB	Polished Brass		

ALL - ACTIVE SWITCHES

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.

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

Specifications

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

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:

- DPDT Contacts: CM-40, CM-45 or CM-46 'DP' option cannot be used with Aura™ illuminated enclosures
- See Page 68 for faceplate graphic options and suffix to replace "x" in above models

CM-45/454

CM-45/455

CM-40/4GRF

ALL - ACTIVE SWITCHES

AURA™ RESTROOM CONTROL SIGNS

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

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

Switches sold separately

CM-54 Sign

CM-55 Sign

CM-57 Sign

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-TX9	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

KINETIC BY CAMDEN
VERSIONS AVAILABLE

CM-75: COLUMN™ PUSH PLATE SWITCHES

UL **Listed Components**   ADA **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.*

Specifications

Voltage:	12/24V AC/DC
Contact - Type: SPDT Form 'C'	Rating: 15A @ 30 VDC
Switch Type:	Momentary
Finishes:	- Clear Aluminum (BHMA 628, US28)
	- Brushed Stainless Steel (US32/630)
	- Dark Bronze (BHMA 690, US40)
	- Blue (Anodized)

Dimensions: **CM-7509:** 10-5/8"H x 5-7/8"W x 1-1/2"D
(270mm x 150mm x 38mm)

CM-7536: 37-1/2"H x 5-7/8"W x 1-1/2"D
(953mm x 150mm x 38mm)

CM-7536K: 37-1/2"H x 5-7/8"W x 2"D
(953mm x 150mm x 51mm)

Features

- Low profile contoured design with easy activation from side angles
- Meets or exceeds California building code, section 1117B.6 requirements
- Over 94 square inch total activation area (CM-7536)
- 4 different stock graphic options
- (2) Fully redundant SPDT, 15 Amp. UL listed switches (CM-7536)
- Clear aluminum, dark bronze, brushed stainless steel or anodized blue finishes
- Adjustable leveling screws for easy installation on uneven walls
- No internal wires exposed to moving parts

MODELS

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, stainless steel.

OPTIONAL WIRELESS

CM-7536K	36" Long Column™ push plate switch, anodized aluminum finish. Built-in Kinetic™ no battery wireless transmitter, receiver required.
CM-7536SSK	36" Long Column™ push plate switch, stainless steel. Built-in Kinetic™ no battery wireless transmitter, receiver required.
-TX	Add suffix '-TX' to Model # for (1) CM-TX-9 Lazerpoint RF™ wireless transmitter and alkaline battery pack, mounted in switch cap.
CM-RX-90	Kinetic™ and Lazerpoint RF™ compatible receiver.

CM-7509 CM-7536 -BLU -BRZ CM-7536SS

OPTIONS (Add suffix and price to model above)

Faceplate Graphic Options

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*

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" Extruded 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" Extruded stainless steel bollard

Faceplate Graphic Details		Architectural Finishes		Water Tight Option	
CM-xx/1:	CM-7536 only, not available w/ 'BRZ' & 'BLU' finishes	CM-BRZ	Suffix '-BRZ' for Anodized Dark Bronze Finish (BHMA 710, 313AN)	-WT	For Boot & Water Tight Coating
/2AL & /2AR:	Not available on CM-7536 stainless steel model				
/A2 & /A4:	Not available on CM-7536 stainless steel model	CM-BLU	Suffix '-BLU' for Anodized Blue Finish		
/8B:	Only available on CM-7536 aluminum model				

ENCLOSURES & MOUNTING BOXES

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.*

CM-23   CM-23D   CM-23CP

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

CM-31   CM-34AL   CM-34BL

NARROW / JAMB MOUNTING BOXES	
CM-23	SURFACE BOX, Standard Depth, Flame and impact resistant black polymer (ABS) 4-1/2"H x 1-3/4"W x 1-1/4"D
CM-23CP	Narrow/jamb stainless steel cover plate
CM-23D	SURFACE BOX, Extra Deep - For wireless. Flame and impact resistant black polymer (ABS) 4-1/2"H x 1-3/4"W x 1-1/2"D

SINGLE GANG MOUNTING BOXES	
CM-31	SLEEVE, Cover for standard 2" x 4" surface electrical box. Heavy gauge stainless steel
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-66	FLUSH BOX & DRESS PLATE Standard Depth box with 7" x 7" dress plate. Heavy gauge stainless steel
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 for all **SureWave™** mounting boxes and box conversion kits.
CM-43CP	Double gang stainless steel cover plate
CM-43G	Gasket. For **CM-43CBL** and **CM-63CBL** Boxes

CM-34CP   CM-34D

CM-RH-SG

CM-CPC1   CM-66

CM-43CBL   CM-43CP

ENCLOSURES & MOUNTING BOXES

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 **CM-45/46** push plate switches Add suffix 'A' for use with: **CM-324/325/330** Series double gang Hands Free Switches Add suffix 'B' for use with **CM-2520** double gang vestibule switches
CM-43GMK	Glass Mount Kit. For **CM-43LP** 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 **CM-45 & 46 Series**
CM-48AL	SURFACE KIT, Shallow Depth. Anodized aluminum 4-1/2" H x 4-1/2" W x 3/4" D. For use with **CM-45/46 Series**
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 **CM-2510/2520**
CM-54CBL	SURFACE BOX (non-Illuminated, matches **CM-54i**). 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 **CM-45/46 Series**
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 **CM-60** Series switches
CM-68AL	SURFACE KIT, Shallow Depth. Anodized aluminum, clear 4" H x 4" W x 3/4" D. For use with **CM-60 Series**
CM-68BZ	SURFACE KIT, Shallow Depth. Anodized aluminum, dark bronze 4" H x 4" W x 3/4" D. For use with **CM-60 Series**
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™ 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™ CM-60K & SureWave™ 'R' suffix 6"round switches

CM-43LP

CM-43GMK

CM-44

CM-48AL

CM-53

CM-54CBL

CM-54i

CM-55i

NEW
CM-RH-DG

CM-68AL

CM-440

CM-540B

CM-47S

NEW
CM-47SER

CM-57CBL

CM-570B

CM-69S

NEW
CM-69SER

ENCLOSURES & MOUNTING BOXES

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

CM-59S

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

CM-89S

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

ENCLOSURES & MOUNTING BOXES

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	Single Gang, Compatible Surface Mounting Box CM-34BL
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 **CM-7536** 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) Single gang 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 **CM-7536** 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 **CM-7536** 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 **CM-7536** 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 & ENCLOSURE COMPATIBILITY CHART

Style		Box / Enclosure	Dimensions W X H X D (inches)	Material 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 4-1/2" x 1-1/4"	P	√														
		CM-23D (RF Suitable)	1-3/4" x 4-1/2" x 1-1/2"	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			√												
	FLUSH	CM-66	7" x 7" x 2"	S			√			√	√	√	√	√	√				
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 & ENCLOSURE COMPATIBILITY CHART

BOX / ENCLOSURE (DETAILS ON PG.78)	CM-221	CM-250	CM-300	CM-310	CM-310EE	CM-324/325/330	CM-333	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 (RF Suitable)		√		√			√N					√									
CM-34AL	√		√				√		√	√	√							√		√	√
CM-34BL	√		√				√	√	√	√	√									√	√
CM-34D							√							√			√	√	√	√	√
CM-66																		√		√	
CM-43CBL																					
CM-43CBLA							√W	√W													
CM-43LP							√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														
CM-49																					
CM-570B																					
CM-59S																					
CM-57CBL																					
CM-57GR																					
CM-69S					√	√	√	√													
CM-69SER						√R	√R														
CM-79			√																		
CM-89S																					
JAMB MOUNT		√					xN	xN					√			√					
SINGLE GANG			√				√	√	√	√						√					
DOUBLE GANG							√W	√W		√			√	√							

See SureWave™ Mounting Box Conversion Kits on Page 59

WIRELESS DOOR CONTROLS

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™ PUSH PLATE SWITCH SERIES MODELS

See product series catalog pages 63-69 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

KINETIC™ RECEIVER MODELS   See page 78 for specifications

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

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-RX90

CM-RX91   **CM-RX92**

CM-TX9   **CM-RX-DBK**

WIRELESS DOOR CONTROLS

KINETIC BY CAMDEN: SWITCH KITS

RoHS COMPLIANT | ADA Compliant | FC

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-RFK45/4		(2) CM-45K 4-1/2" Square Switches, Wheelchair Symbol & Text (2) CM-43CBL Surface Mount Boxes (1) CM-RX90 Receiver
CM-RFK46/4		(2) CM-46K 4-1/2" Square Switches, Wheelchair Symbol & Text (2) CM-43CBL Surface Mount Boxes (1) CM-RX90 Receiver
CM-RFK46CB/4		(2) CM-46CBK 4-1/2" Square Switches, Wheelchair Symbol & Text (2) CM-43CBL Surface Mount Boxes (1) CM-RX90 Receiver

Kinetic™ Switch Mounted on Glass

KINETIC™
BY CAMDEN

900 Mhz. No-Battery Wireless
Door Control System

CAMDEN JUST MADE SWITCH WIRING OBSOLETE

—— 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

LAZERPOINT RF™ BY CAMDEN — 915MHZ. 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 0°C (32°F).

RoHS COMPLIANT ADA Compliant FC

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 receivers 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 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)

WIRELESS DOOR CONTROLS

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-TX99	Plug-in Transmitter

LITHIUM BATTERIES

CM-xxx-L2	Add 'L2' to **CM-TX9** 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™ Compatible Single Relay Receiver
CM-RX-91	V2 Lazerpoint RF™ dual frequency receiver, slot for (1) Kinetic™ plug-in no-battery wireless daughterboard
CM-RX-91-DBK1	V2 Lazerpoint RF™ dual frequency receiver with Kinetic™ plug-in no-battery wireless daughterboard
CM-RX-92	V2 Lazerpoint RF™ dual frequency receiver, slot for (2) Kinetic™ plug-in no-battery wireless daughterboards
CM-RX-92-DBK1	V2 Lazerpoint RF™ dual frequency receiver with (1) Kinetic™ plug-in no-battery wireless daughterboard
CM-RX-92-DBK2	V2 Lazerpoint RF™ dual frequency receiver with (2) Kinetic™ plug-in no-battery wireless daughterboards
CM-RX-DBK	Kinetic™ 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-TX99

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-TX99:	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

LAZERPOINT RF™ 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 JAMB WIDTH 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 JAMB WIDTH 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 JAMB WIDTH 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

WIRELESS DOOR CONTROLS

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 symblol, (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-40 Series

CM-47S

CM-49

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-45 Series

CM-43CBL

CM-43LP

WIRELESS DOOR CONTROLS

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

WIRELESS DOOR CONTROLS

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-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-60 Series

CM-69S

CM-79

CM-2520

CM-43LPB

CM-53

WIRELESS DOOR CONTROLS

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

Custom Control Panels
at Stock Model Price & Delivery

A program of stock control panel components configured & shipped within days, at a stock price!

- Components in stock for any door control application

- Stainless steel faceplates from jamb size to 4 gang

- ¼" or ½" 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

FAST DELIVERY

STOCK PRODUCT PRICE

KEY SWITCHES

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.

CM-1000
(Mortise cylinder sold separately)

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 90 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

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 (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).

Heavy duty aluminum faceplate

Single piece, diecast construction

May be used with any type of cam

Switch bracket with elongated mounting holes accommodates 1"- 1-1/4" mortise cylinders, including Medeco and Best IC Core cylinders.

Accepts one or two switches

KEY SWITCHES

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).

RoHS COMPLIANT **UL Listed Components**

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)

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:	**Single Gang:** 4-1/2" H x 2-3/4" W x 1-1/2" D (114mm x 70mm x 42mm) **Narrow:** 4-1/2" H x 1-3/4" W x 1-1/2" D (114mm x 44m x 42mm)

Note: See page 90 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-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

KEY SWITCHES

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.*

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

CM-1200 **CM-2200**
(Mortise cylinders sold separately)

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:	**CM-1200 Series:** 4-1/2"H x 2-3/4"W x 1-5/8"D (114mm x 70mm x 41mm) **CM-2200 Series:** 4-1/2"H x 1-3/4"W x 1-5/8"D (114mm x 44mm x 41mm)

Note: See page 90 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

KEY SWITCHES

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

CM-3500
(Mortise cylinder sold separately)

Specifications

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

Note: See page 90 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

KEY SWITCHES

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

SINGLE LEDs Add suffix & cost 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 & cost 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 'BZ' to model number for Dark Bronze finish (BHMA 710/313AN)

NEW

STAINLESS STEEL RAIN HOODS FOR ANY OUTDOOR APPLICATION

CM-RH-SG Single Gang

CM-RH-DG Double Gang

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KEY SWITCHES

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.

CM-1000/21

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-CYL60KA	Mortise cylinder, 1-1/8", solid brass, keyed alike, aluminum finish
CM-CYL60KD	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
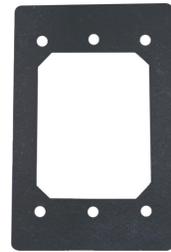
CM-1000/60KD

CM-308

CM-34AL

AUTOMATIC DOOR CONTROL SWITCHES

CM-160 / 170 / 180 SERIES: KEY SWITCHES

UL Listed Components

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.

Specifications

Voltage:	12/24 VDC
Contact Rating:	4A @ 28 VDC
Switch Life:	10,000 cycles
Dimensions:	**CM-160:** 3"H x 1-11/16"W x 1-3/8"D (76mm x 42mm x 35mm)
	CM-170: 4-1/2"H x 1-3/4"W x 1-3/8"D (114mm x 44mm x 35mm)
	CM-180: 4-1/2"H x 2-3/4"W x 1-3/8"D (114mm x 70mm x 35mm)

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 and cost to model above)

Faceplate Graphics

MOMENTARY	MAINTAINED	MAINTAINED	MAINTAINED	MAINTAINED
OFF / OPEN	OFF / AUTO	OFF / AUTO / HOLD OPEN	OFF / DAY / NIGHT	EXIT / AUTO / OFF / HOLD OPEN
CX-xx/20	CX-xx/21	CX-xx/22	CX-xx/23	CX-xx/24
$0.00	$0.00	$0.00	$0.00	$0.00

CM-160/23   CM-170/21   CM-180/23

CM-190 SERIES: TOGGLE SWITCH

UL Listed Components

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.

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:	**CM-190:** 2-5/8"H x 1-1/2"W x 2"D (59mm x 38mm x 51mm)
	CM-195: 4-1/2"H x 2-3/4"W x 2"D (114mm x 70mm x 51mm)

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 and cost to model above)

Faceplate Graphics

ON / OFF	AUTOMATIC / OFF / OFF / HOLD OPEN
CX-xx/30 $0.00	CX-xx/31 $0.00

CM-190/30   CM-195/31

POWER TRANSFER CABLES

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
Note: PTSS models are available in lengths up to 72". Contact factory for pricing and delivery	
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	
• **Use PG1 to measure swing door closing force or switch activation force** • **Use PG2 to measure auto door opening force (swinging, sliding or overhead)**	• **Use PG3 to measure opening force as well as door sidelite breakout force**

MODELS	
CM-PG1	0-7 Lb. Pressure gauge
CM-PG2	0-35 Lb. Pressure gauge
CM-PG3	0-50 Lb. Pressure gauge
CM-PG4	10-100 Lb. Pressure gauge

CM-PG

KEYPADS

CM-120: FLUSH MOUNT WIRED AND WIRELESS KEYPADS

RoHS COMPLIANT

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 / 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 (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, 2 Channel
Dimensions:	4-1/2" H x 2-3/4" W x 3/4" D (114 mm x 70 mm x 19 mm)

CM-120TX:

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

KEYPADS

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	
• Up to 2,000 users	• Adjustable door open time
• Backlit vandal resistant keypad	• Tamper alarm output
• Weather resistant IP rated	• Request to Exit device input
• Adjustable door delay time	• 3 year warranty

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:	**CM-110SK:** 12 VDC
	CM-550SK: 12/24V, AC/DC (+/-10%)
IP Rating:	**CM-110SK:** IP68 **| CM-550SK:** IP65
Current Draw:	**CM-110SK:** 60mA **| CM-550SK:** 50mA
Contact Type:	Form 'C' **|** Output: 8 Bit burst
Contact Rating:	**CM-110SK:** 3A @ 30 VDC
	CM-550SK: 2A @ 30 VDC
Delay Time:	0 – 99 secs. **|** Alarm Time: 0 – 3 mins.
Temp Range:	**CM-110SK:** -49°F to +140°F (-45°C to +60°C)
	CM-550SK: -4°F to +140°F (-20°C to +60°C)
Dimensions:	**CM-110SK:** 6"H x 1-3/4" W x 1"D (152mm x 45mm x 25mm)
	CM-550SK: 5" H x 3-1/8" W x 1" D (127mm x 80mm x 25mm)

LAZERPOINT RF™
BY CAMDEN

915 MHz. Battery Powered Wireless Door Control System

The widest range of transmitters, receivers, activation devices and switch enclosures.

Lazerpoint RF™ available in complete packages for your automatic door switch installation - all at an economical price!

PUSH TO OPEN

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CI-PBU3

99

CI-3502

99
CI-1050CP

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CI-SCPI

INDUSTRIAL DOOR CONTROLS

KEY SWITCHES

CI-1KF: INTERIOR USE KEY SWITCHES

CI-1KF Series of key switches feature heavy-duty faceplates with die-cast aluminum enclosures and rubber gaskets. They have 2 SPST momentary switches rated 15A @ 250 VAC and a mortise cylinder. These tamper proof switches are UL listed and CSA certified. Designed for activating overhead doors, store front grilles and shutters.

UL Listed Components

CI-1KF   **CI-1KFS**

Features	
• Heavy duty die cast aluminum enclosure • NEMA 1 and NEMA 2 for interior use • Form A and Form 'C' outputs available • Tamper resistant	• High power outputs, 18A @ 125 VAC, 15A @ 250 VAC • UL, CSA certified

MODELS	
CI-1KF	Flush mount, NEMA 1 & 2
CI-1KFS	As above, with heavy duty stop button, NEMA 1 & 2

Specifications

Contact Type:	**CI-1KF:** 2 x N/O SPST **CI-1KFS:** 2 x N/O SPST, 1 x N/C Momentary
Contact Rating:	18A @ 125 VAC, 15A @ 250 VAC
Enclosure:	NEMA 1 and NEMA 2
Dimensions:	5"H x 4-7/16"W x 2-25/32"D (127mm x 113mm x 71mm)

CI-1KX: EXTERIOR USE SURFACE MOUNT KEY SWITCHES

CI-1KX Series of key switches feature heavy-duty faceplates with die-cast aluminum enclosures and rubber gaskets. They have (2) SPST momentary switches rated 15A @ 250 VAC and a mortise cylinder. These tamper proof switches are UL listed and CSA certified. Designed for activating overhead doors, store front grilles and shutters.

UL Listed Components

CI-1KX

Features	
• Heavy duty die cast aluminum enclosure • NEMA 4 rated for exterior use • Form A and Form 'C' outputs available • Tamper resistant	• High power outputs, 18A @ 125 VAC, 15A @ 250 VAC • UL Listed, CSA certified

MODELS	
CI-1KSMX	Replaced by CI-1050CP (See page 99)
CI-1KX	Diecast aluminum enclosure, painted gray enamel, NEMA 1, 2, 3R, 4, 6, 12, 13, & ICS
CI-1KFS	As above, with weatherized stop button, NEMA 1, 2, 3R, 4, 6, 12, 13, & ICS

Specifications

Contact Type:	**CI-KX:** 2 x N/O SPST
	CI-KXS: 2 x N/O SPST, 1 x N/C Momentary
Contact Rating:	18A @ 30V AC/DC,125 VDC 15A @ 250 VDC
Enclosure:	Nema 4
Dimensions:	4-5/64"H x 4-3/8"W x 2-3/4"D (105mm x 111mm x 70mm)

KEY SWITCHES

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.

Listed Components

Features

• Heavy duty die cast aluminum enclosure	• 6A/30V AC/DC, 110 VAC
• Form 'C' outputs	• 3A @ 250 VAC
• Tamper resistant	• 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 @ 30V AC/DC, 125 VAC
Dimensions:	4-1/2"H x 2-3/4"W x 1-3/4"D (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	• 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
• Cylinder may be easily removed, and replaced by customer's high security / master keyed cylinder	

MODEL

CI-3502	Mortise Cylinder Industrial Key Switch

Specifications

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

PUSH BUTTON CONTROL STATIONS

CI-3BX SERIES: EXTERIOR USE CONTROL STATIONS

UL Listed Components

*Industrial push button control stations for **exterior use** are designed to control shipping doors in harsh environments. CI-3BX Series stations are supplied complete with NEMA rated enclosures and heavy duty 240 VAC rated contacts.*

Features

- 3 Buttons for OPEN, CLOSE and STOP
- Key Lockout Available
- NEMA 4 Enclosure for Outdoor Use

MODELS

CI-3BX	3 button, Open/Close/Stop, NEMA 4, UL/CSA rated, 3 Amp @ 240 VAC
CI-3BXL	As above with key lockout

Specifications

Contact Type:	3 Single Pole Momentary Contacts 2 x N/O, 1 x N/C
Contact Rating:	3A @ 240 VAC
Enclosure:	NEMA 4
Key Lockout:	CI-3BXL
Dimensions:	4-9/64"H x 3-7/8"W x 2-3/4"D (105mm x 98mm x 70mm)

CI-PB SERIES: INTERIOR USE CONTROL STATIONS

UL Listed Components

*Industrial push button control stations for **interior use** are designed to control shipping doors. CI-PB Series stations are supplied complete with NEMA rated enclosures and heavy duty 240 VAC rated contacts.*

Features

- 3 Buttons for OPEN, CLOSE and STOP
- High Power Output Contacts 5A / 10A @ 240 VAC
- NEMA 1 for Indoor use
- Surface or Flush Mount

CI-PBS3   *CI-PBU3*

MODELS

CI-PBS3	3 button, Open/Close/Stop, NEMA 1, 3 Amp @ 250 VAC, stainless faceplate, flush or surface mount
CI-PBU3	3 button, Open/Close/Stop, NEMA 1, surface mount, 5 Amp @ 30 VDC

Specifications

Contact Type:	3 Single Pole Momentary Contacts 2 x N/O, 1 x N/C
Contact Rating:	**CI-PBU3:** 5A @ 240 VAC **CI-PBS3:** 10A @ 240 VAC
Enclosure:	**CI-PBU3:** NEMA1 Surface Mount **CI-PBS3:** NEMA1 Flush/Surface Mount
Dimensions:	**CI-PBU3:** 5-11/32"H x 2-3/8"W x 1-13/16"D (136mm x 60mm x 46mm) **CI-PBS3:** 4-1/2"H x 2-3/4"W x 1-7/16"D (114mm x 70mm x 62mm)

CEILING PULL SWITCHES

CI-SCP1/CI-WPS1: CEILING PULL SWITCHES

*Camden ceiling pull switches are **NEMA rated** for harsh environments, feature rugged diecast aluminum construction and heavy duty momentary contacts.*

Features

- CI-SCP1 (ceiling mount) is supplied with a 20' cord and pull handle
- CI-WPS1 is ideal for activating industrial doors or use by lift truck operators
- CI-WPS1 may be ceiling or wall mounted
- Interior or exterior use
- Heavy duty die cast aluminum enclosure
- NEMA 1 and NEMA 2 rated for interior use
- NEMA 4 rated for exterior use
- Optional 110V heater (WPS1)

Specifications

Contact Type:	**CI-SCP1:** Form C (SPDT)
	CI-WPS1: N/O SPST Momentary
Contact Rating:	15A @ 240 VAC
Cord:	20' with handle
Enclosure:	**CI-SCP1:** NEMA 1, 2, 3R, 4, 6, 12, 13 and ICS **CI-WPS1:** NEMA 4
Dimensions:	**CI-SCP1:** 4-1/8"H x 3-7/8" W x 3-13/16"D (104mm x 99mm x 96mm) **CI-WPS1:** 4-3/8"H x 5-7/8"W x 4-1/2"D (112mm x 150mm x 114mm) **CI-WPSH:** 5-1/2"H x 6-1/2"W x 4-1/4"D (140mm x 165mm x 110mm)

MODELS

CI-SCP1	Diecast aluminum enclosure, SPDT momentary, 15 Amps @ 240 VAC, NEMA 1, 2, 3R, 4, 6, 12, 13, and ICS
CI-WPS1	Ceiling/wall pull switch with 360 degree rotating arm & pivoting cam. SPDT momentary, 15 Amps @ 240 VAC, NEMA 4
CI-WPSH	As above, with 110V heater (special order)

CI-SCP1

CI-WPS1

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CV-603PS

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CV-550SPK

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CV-WTX2

ACCESS CONTROL

ACCESS CONTROL SYSTEMS

CV-110SPK: SLIM LINE STAND-ALONE PROXIMITY READER AND KEYPAD

CV-110SPK slim line (jamb width) 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 tags	• Tamper alarm output
• Batch card/tag enrollment	• Request to Exit device input
• Backlit vandal resistant keypad	• Wiegand:
• Weather resistant IP68 rated	Reader: 26 bit input/output
	Keypad: 8 bit burst

MODELS	
CV-110SPK	Slim line stand-alone prox. reader & keypad, 1 relay, 2,000 users
COMPATIBLE CARDS & KEY TAGS	
CV-CSE	EM Format ISO Prox Card, package of 10
CV-CSE-B	EM Format ISO Prox Card, package of 100
CV-KTE	EM Format Prox Tag, package of 25

Specifications

Voltage:	12 VDC (+/- 10%)
Reader Format:	EM, 8 bit burst
Current Draw:	60mA
Contact Type: Form 'C'	Contact Rating: 3 Amps
Delay Time: 0 to 99 seconds	
Alarm Time: 0 to 3 minutes	
Wiegand:	26 bit
Temp Range:	-49°F to 140°F (-45°C to 60°C)
Dimensions:	6"H x 1-3/4"W x 1"D (152mm x 45mm x 25mm)

CV-550SPK: STAND-ALONE PROXIMITY READER AND KEYPAD

CV-550SPK stand-alone, HID format prox reader and keypad, supports up to 2000 users with card, PIN, or card and PIN access. It features a cast metal housing and backlit keypad with fully potted electronics.

Features	
• Up to 2,000 users - cards or tags	• 4 to 6 digit PIN code length
• Batch card/tag enrollment	• Tamper alarm output
• Cast metal, heavy duty construction	• Request to Exit input
• Backlit vandal resistant keypad	• Door contact input
• Weather resistant IP65 rated	• Wiegand 26 bit input/output

MODELS	Note: Compatible with HID readers & credentials. See page 109 for details
CV-550SPK	Stand-alone prox. reader & keypad, 1 relay, 2,000 users
COMPATIBLE CARDS & KEY TAGS	
CV-CSH	HID Format clam shell prox. card, package of 10
CV-CSH-B	HID Format clam shell prox. 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

Specifications

Input Voltage:	12 VDC (+/- 10%)
IP Rating:	68
Idle Current:	25mA
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:	1.75" (40Mm) Max
Card Frequency:	125KHz, EM and HID
Card Format:	26, 34 or 37 bit Wiegand
Keypad Format:	4 bit, 8 bit & Virtual Card Number
Operating Temp:	-49°F to 113°F (-45°C to 55°C)
Dimensions:	4-13/16"H x 3-1/8"W x 1-1/16"D (121.67mm x 79.50mm x 26.42mm)

ACCESS CONTROL SYSTEMS

CV-7600 SERIES-BLE: MOBILE READY PROXIMITY READER

CV-7600 Series mobile-ready readers combine Bluetooth Low Energy (BLE) and contactless smart card technologies. These readers interface with most electronic access control systems with either Wiegand or bi-directional OSDP, based on LEGIC® contactless RFID.

Features

- A range of Bluetooth® readers, 1 ft to 30 ft read range
- Compatible with all access control systems
- Smartphone App, Android™ and Apple iOS™ compatible
- MIFARE smart card/tag compatible
- 26-bit Wiegand, ABA Track II magnetic strike (clock & data) and OSDP interface
- IP67 water resistant
- Narrow (jamb) width and single gang mounting plate, included
- 3 year warranty

BLUETOOTH® READER MODELS

CV-7600	BLE reader, up to 1 foot range
CV-7605	BLE reader, up to 5 foot range
CV-7615	BLE reader, up to 15 foot range
CV-7630	BLE reader, up to 30 foot range

CREDENTIAL MODELS

CV-MBT	Smart Phone BLE Mobile Credentials, package of 10
CV-MCS	Clam Shell Cards, package of 10
CV-MKT	Key fob, 2K memory, package of 10

Specifications

Voltage:	8 - 14 VDC
Current:	40 mA typical @12 VDC 195 mA peak
Frequency:	13.56 MHz (contactless smartcard) 2.4 GHz (BLE)
Cabling:	24 AWG minimum, multi-conductor stranded with foil shield
Interface:	Wiegand (26-bit formats), ABA Track II magnetic strike (clock & data) or OSDP
Operating Temp:	-40°F to 149°F (-40°C to 65°C)
LED Control:	Blue, Red, Green, Amber and Off
Read Range:	Cards/Tags: Up to 1.5" (38mm)
Mobile:	CV-7600 - Up to 1 ft (30cm) CV-7605 - Up to 5 ft (1.5m) CV-7615 - Up to 15 ft (4.6m) CV-7630 - Up to 30 ft (9m)
Audio Tone:	Beeper included
Protection:	IP67
Dimensions:	**Mullion:** 4-3/4"H x 1-3/4"W x 1-3/16"D (119mm x 44mm x 30mm) **Single Gang:** 5-1/8"H x 3"W x 1-3/16"D (130mm x 76mm x 30mm)

ACCESS CONTROL SYSTEMS

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.

NEW   *CV-WRX4*

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 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 Two Button & CV-WTX4H 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.

Specifications

Voltage:	CV-WRX4 : 12 VDC
	CV-WTX2, CV-WTX2H, CV-WTX4H : 3 VDC, CR2032 Type
Current:	CV-WRX4 : 14 mA typical / 36 mA peak
	CV-WTX2, CV-WTX2H, CV-WTX4H : 12 mA
Frequency:	868.35 Mhz.
IP Rating:	CV-WRX4 : IP54 (IP65 with cable plug installed)
Temp Range:	CV-WRX4 : -4°F to 185°F (-20°C to 85°C)
	CV-WTX2, CV-WTX2H, CV-WTX4H : -4°F to 131°F (-20°C to 55°C)
Dimensions:	CV-WRX4 : 3-1/4"W x 7-3/8"H x 1-5/8"D (82mm x 187mm x 42mm)
	CV-WTX2 : 1-3/8"W x 2"H x 1/4"D (35mm x 57mm x 6.5mm)
	CV-WTX2H, CV-WTX2H : 1-1/2"W x 2-1/2"H x 1/2"D (36mm x 68mm x 14.4mm)

RECEIVER	
CV-WRX4	Four Channel Wiegand Receiver

KEY FOBS	
CV-WTX2	Two Channel Wiegand Key Fob + HID® Prox.
CV-WTX2-B	Two Channel Wiegand Key Fobs + HID® Prox. Package of 10
CV-WTX2H	Two Channel Wiegand Key Fob + HID® iCLASS SE®
CV-WTX2H-B	Two Channel Wiegand Key Fob + HID® iCLASS SE® Package of 10
CV-WTX4H	Four Channel Wiegand Key Fob + HID® iCLASS SE®

CV-WTX2   *CV-WTX2H*   **NEW**   *CV-WTX4H*   Laser Etched ID numbers for long term legibility

ACCESS CONTROL SYSTEMS

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 'best in class' security of doors and gates, with up to 2,000 users. 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.

Bluetooth™

CV-603

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

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 Momentary bi-stable / latch
Contact Rating:	1A @ 12V
Operating Temp.:	-4°F to 131°F (-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 (115mm x 90mm x 44mm)
CV-603PS:	11-5/16"H x 8-1/16"W x 2-5/8"D (287mm x 205mm x 68mm)

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 impedence, 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

READERS & CREDENTIALS

CV-7400	Narrow compact HID/AWID protocol proximity reader, 4" - 5" range
CV-CSH	HID Format Clam Shell Proximity Card, Package of 10
CV-CSH-B	HID Format Clam Shell Proximity Card, Package of 100
CV-KTH	HID Format Proximity Tag, Package of 25
CV-7600	Bluetooth® Reader, up to 1 ft. range
CV-MBT	Smart Phone BLE Mobile Credentials, Package of 10
CV-MCS	Clam Shell Cards, Package of 10
CV-MKT	Key fob, 2K memory, Package of 10

CV-603PS-K1

CV-603EA

CV-7600

CV-TXM-2

ACCESS CONTROL SYSTEMS

CV-350: TCP/IP ACCESS CONTROL SYSTEM

CV-350 is a powerful and flexible TCP/IP and RS485 networked access control system that is designed to provide easier management, better security and enhanced performance, including integration with fire alarm and intruder alarm systems and time and attendance.

CV-350

Features

- 2 door controllers with built-in TCP-IP and RS485 or RS485 only communications
- Lockable metal enclosure with controller, power supply, battery charger and transformer
- Integrated keypad, proximity reader and fingerprint reader support
- Unlimited number of doors, users, access levels and sites
- Distributed intelligence
- Anti-passback and mantrap access

- Graphic site mapping and custom reports
- Programmable inputs and outputs for common alarms
- Client-server software. Up to 10 clients.
- No licenses or fees. Compatible with Windows: 7, 8, Server 2008, Mac (with Parallels Desktop)
- Fully configurable logic of inputs and outputs across network
- 24 time zones, 32 holiday schedules and unlimited number of access levels

Specifications

Voltage:	110 VAC to 220 VAC
Users:	Up to 15,000 per controller
Event log:	Up to 30,000 per controller
Communications:	TCP/IP and RS485
Controllers per System:	Unlimited
Relays:	(2) 250 VAC, 10A, per controller
Reader Inputs:	2 per controller 26, 34 bit or custom 8 to 128 bit
Door Contact Inputs:	2 per controller
'Request to Exit' Inputs:	2 per controller
Programmable Inputs:	(2) Opto-couplers, 5-30 VDC, 3-28 mA
Programmable Inputs:	(2) 250 VDC, 10A per controller
Tamper:	Yes
Current Draw:	300mA, not including devices
Temp Range:	0°C to 45°C (32°F to 113°F)
Backup:	360 day data retention

CONTROL PANELS

CV-352	(1) Two Door TCP/IP & RS485 controller, 2 Amp power supply, 40VA transformer, & metal cabinet
CV-352E	(1) Two Door RS485 controller, 2 Amp power supply, 40VA transformer, & metal cabinet
CV-354	(1) Two Door TCP/IP & (1) Two Door RS485 controller, (1) 2 Amp power supply, 40 VA transformer, & metal cabinet
CV-354E	(2) Two Door RS485 controllers, (1) 2 Amp power supply, 40 VA transformer, & metal cabinet

TWO DOOR SYSTEM KITS

CV-352-K1	CP / IP & RS485 controller, 2 Amp power supply, 40VA transformer, metal cabinet & (2) CV-7400 AWID/HID proximity card readers

FOUR DOOR SYSTEM KITS

CV-354-K1	(1) TCP/IP & RS485 controller, (1) RS485 controller, 2 Amp power supply, 40VA transformer, metal cabinet & (4) CV-7400 AWID/HID prox. card readers

ENHANCED SOFTWARE KEY

CV-350DK	USB enhanced software key: Time and attendance, SQL database, global anti-passback, create your scenarios to collect information from events and create alarms, send email reports, ID card design and printing, web reporting server

ACCESS CONTROL SYSTEMS

CV SERIES: SYSTEM READERS, CARDS & TAGS

*Camden supports **MProx BLE** and **CV-350** access control systems with an extensive line of readers and credentials, for both indoor and outdoor use.*

Features

- HID, AWID, HID/AWID dual format, MIFARE® readers and credentials
- Indoor and outdoor (weather resistant) use
- Proximity and Bluetooth® enabled readers, in narrow and single gang configurations

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

BLUETOOTH® / MIFARE® DUAL FORMAT READERS

CV-7600	BLE reader, up to 1 ft range
CV-7605	BLE reader, up to 5 ft range
CV-7615	BLE reader, up to 15 ft range
CV-7630	BLE reader, up to 30 ft range

BLUETOOTH® / MIFARE® FORMAT CREDENTIALS

CV-MBT	Smart Phone BLE Mobile Credentials, Package of 10
CV-MCS	MIFARE® Clam Shell Cards, Package of 10
CV-MKT	MIFARE® Key fob, 2K memory, Package of 10

Specifications

Dimensions:
CV-7400 :
1-3/4"W x 3-3/16"H x 3/4"D
(43mm x 81mm x 18mm)

CV-7400 :
3"W x 4-5/8"H x 3/8"D
(76mm x 117mm x 10mm)

CV-7600 - <u>Mullion</u>:
4-3/4"H x 1-3/4"W x 1-3/16"D
(119mm x 44mm x 30mm)

CV-7600 - <u>Single Gang</u>:
5-1/8"H x 3"W x 1-3/16"D
(130mm x 76mm x 30mm)

CV-7400

CV-7820

CV-CSH

CV-KTH

CV-7600

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TERMS AND CONDITIONS

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.

WARRANTY
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.

RETURN MATERIAL AUTHORIZATION (RMA)
Camden Door Controls will not accept any returned product without an RMA. Upon contact by the customer, Camden will issue an RMA number and email or fax an RMA confirmation document. Camden cannot issue an RMA without reference to a Camden invoice number or customer purchase order number for the original product purchase.

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.

Camden return material authorizations are valid for 60 days, from date of issue. Goods returned under RMAs after this time will not be accepted.

SHIPPING/RECEIVING
All returned products must be shipped to us prepaid.

Canadian shipping location:
5502 Timberlea Blvd. Mississauga, Ontario, L4W 2T7, Canada

U.S shipping location:
**FB Logistics Inc. 4450 Witmer Industrial States #4
Niagara Falls, NY, 14305 USA**

Returned products will not be accepted by our warehouse receiving without reference to a valid RMA number. Goods must be returned with the RMA number clearly marked on the product package and the shipping carton, and the Camden RMA confirmation document is to be attached to the packing slip or waybill.

REPAIR/REPLACEMENT/CREDIT
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.

Products returned under an RMA that are found to be fully operational are subject to a 10% restocking charge, at our discretion. Products returned under an RMA that are, in the opinion of Camden, damaged due to incorrect installation or storage will not be repaired, replaced or credited.

QUESTIONS
Any questions, concerns or comments regarding our warranty policy and procedures should be forwarded to our customer service department.