2025
PRODUCT GUIDE

LOCKING

CONTROL

ACTIVATION

ACCESS

CAMDEN
DOOR CONTROLS

OPENING NEW DOORS TO INNOVATION, QUALITY, AND SUPPORT!

It's more than a slogan; it is the driving force behind our commitment to support your business with new products, services, and solutions. We understand you don't need another brand of electric strike, push/exit button, or door control system. You need products and solutions that provide more selection, features, and value to improve your service to building occupants, and to increase your profits.

There is no better example of our market leadership than in the many pages of new products we've added to this 2025 Catalogue/Price List. From more maglock accessories to new restroom (privacy) control system kits, and the world's first 1/2" surface mount RIM strike with preload, Camden is continuing our 36-year history of offering the best door activation, control, locking, and access control products!

Behind every great Camden product is an equal commitment to customer care. Our new 41,000 sq. ft. head office and manufacturing facility has enabled us to improve order processing times so that 90% of stock orders are shipped in less than two business days. We've also expanded our customer service department, technical support team, and our network of sales representatives to serve you better!

Although Camden continues to grow and expand our range of products and services, one thing will never change—our dedication to earning your business every day!

BEST QUALITY

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

EXCLUSIVE PRODUCTS

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

FASTEST DELIVERY

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

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LOCKING PRODUCTS

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

UL10C/
CAN4-S104,
3hr. Fire rating

UL 1034
UL 294

CX-EPD1289L Series 3/4" Grade 1 electric RIM strikes for pullman latches offer 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. The award-winning strikes are now also available in a unique all-black finish, including the jaws and latch monitor.

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

MODELS	
CX-EPD1289L	3/4" Surface mount Grade 1 RIM strike with preload, 12/24V, AC/DC, fail safe / fail secure, w/ 'plug-in' latch monitor assembly and metal mounting jig
CX-EPD1289L-BK	All-black finish, surface mount Grade 1 RIM strike with preload, 12/24V, AC/DC, fail safe / fail secure, w/ 'plug-in' latch monitor assembly and metal mounting jig
SPACER PLATE	
CX-EPD1289-SPC	1/8" Spacer plate for CX-EPD1289L 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)	
Mechanical Adjustment: Strike Body	
Operation: AC - Buzz, DC - Silent	
Latch Projection:	3/4"
Latch Bolt Monitor: SPDT, 100mA @ 24 VDC	
Dimensions (Body): 9-3/16"H x 1-7/8"W x 3/4" D (233mm x 48mm x 19.8mm)	

CX-EPD1299L SERIES: 1/2" SURFACE MOUNT RIM STRIKES WITH PRELOAD

UL 1034
UL 294

COMING SOON!

CX-EPD1299L Series 1/2" Grade 1 electric RIM strikes for pullman latches offer the best strike quality, with a preload release function for superior performance under the most demanding conditions. Industry-leading preload strike design registered under U.S. Patent 10,988,959.

Features	
• 'Universal' design, UL Security Listed	
• 1/2" latch projection	• Up to 15 lbs. of preload pressure on strike keepers
• 2 Spacer plates included: 1/8" and 1/4"	• Plug-in latch bolt monitor assembly included
• Stainless steel or all-black finish	• 5 year warranty

MODELS	
CX-EPD1299L	1/2" Surface mount Grade 1 RIM, brushed aluminum finish strike with preload, 12/24V, AC/DC, fail safe/fail secure, w/ 'plug-in' latch monitor assembly & metal mounting jig
CX-EPD1299L-BK	1/2" Surface mount Grade 1 RIM strike, all-black finish, w/ preload, 12/24V, AC/DC, fail safe/fail secure, w/ 'plug-in' latch monitor assembly & metal mounting jig

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	
Mechanical Adjustment: Strike Body	
Operation: AC - Buzz, DC - Silent	
Latch Projection:	1/2"
Latch Bolt Monitor: SPDT, 100mA @ 24 VDC	
Dimensions (Body): 9-3/16"H x 1-7/8"W x 1/2" D (233mm x 48mm x 12.7mm)	

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

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

SECURITY

UL 1034
UL 294
LISTED

Features	
• Ideal for cylindrical and spring latch locksets in wood, hollow metal or aluminum frames	• Selectable 12/24V AC/DC
• 1/2" to 5/8" (12mm to 16mm) latch projection	• A wide range of aluminum and dark bronze faceplates available
• Selectable fail safe / fail secure operation	• Easy fit connectors and mounting tabs included
• 1-3/4" (44.5 mm) minimum door thickness	• 5 year warranty

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)

MODELS	
CX-ED1379	Grade 1 'Universal' Electric Strike, 12/24V AC/DC, fail safe / fail secure operation, includes: (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.

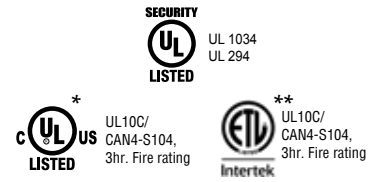| FACEPLATES	
Brushed Aluminum Finish (BHMA 628)	
CX-ESF-1	ANSI Square Faceplate for CX-ED1309, Brushed Aluminum Finish
CX-ESF-2	ANSI Round Faceplate for CX-ED1309, Brushed Aluminum Finish
CS-ESF-2BR	Radius ANSI Round Faceplate for CX-ED1309, Brushed Aluminum Finish
CX-ESF-3	Hollow Metal Faceplate for 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

CX-ED1689L & CX-ED1799L SERIES:
LOW PROFILE & DUAL MONITOR 'ALL IN ONE' FIRE RATED ELECTRIC STRIKES

*Camden **CX-ED1689L** and **CX-ED1799L** are Grade 1 fire rated "all in one" electric strikes for use with mortise and cylindrical locksets. Both models include latch monitoring, and are packaged with either 4 or 8 faceplates. Universal performance, with field selectable voltage and fail safe / fail secure operation.*

Option for ordering strike bodies and individual faceplates separately. Faceplates also available in black finish.

SECURITY
UL LISTED
UL 1034
UL 294

* c UL US LISTED — UL10C/CAN4-S104, 3hr. Fire rating

** ETL Intertek — UL10C/CAN4-S104, 3hr. Fire rating

CX-ED1689L* CX-ED1799L**

Features

- For mortise and cylindrical locksets
- A range of strike and faceplate packages for latchbolts and deadbolts
- Faceplates also available in black architectural finish (BHMA 622, US19)
- Selectable fail safe / fail secure
- Selectable 12/24V AC/DC
- 1 or 2 latch and deadbolt monitoring switches included
- Magnetic door position switch included
- Strike power monitor switches included
- Easy fit connectors
- 5 year warranty

ELECTRIC STRIKES WITHOUT FACEPLATES

CX-ED1689L	Low Profile Strike Body with Latch Monitor Switch. Order Faceplates Separately.
CX-ED1799L	Strike Body with Latch & Deadbolt Monitor Switches. Order Faceplates Separately.

STRIKE AND MULTI FACEPLATE PACKS

Low Profile

CX-ED1689L-4	Strike w/ Latch Monitor, (4) Faceplates for Latchbolts Includes: CX-EMP100, CX-EMP200, CX-EMP300, CX-EMP400

Standard Depth Dual Monitor

CX-ED1799L-8	Strike w/ 2 Monitors, (8) Faceplate Package for Latchbolts & Deadbolts Includes: CX-EMP100, CX-EMP200, CX-EMP300, CX-EMP400, CX-EMP110, CX-EMP210, CX-EMP310, CX-EMP410

Specifications

Voltage:	12/24V AC/DC
Current Draw:	300mA @ 12V AC/DC 150mA @ 24V AC/DC
Static Strength:	1,500 lbs.
Dynamic Strength:	70 Ft- lbs.
Mode:	Selectable Fail Safe / Fail Secure
Endurance:	1,500,000 Cycles (Factory Tested) 250,000 Cycles (UL Verified)
Operation:	AC - Buzz | DC - Silent
Duty:	Continuous
Fire Rating:	UL 10C/CAN4-S104 | 3hr. (Fail Safe)
Lock Monitor Status:	2 x SPST, 100mA @ 24 VDC, Resistive
Strike Monitor Status:	SPDT, 100mA @ 24 V DC, Resistive
Dimensions:	**CX-ED1689L:** 4-7/8"H x 1-5/8"W x 1-3/8"D (124mm x 41mm x 36mm) **CX-ED1799L:** 4-7/8"H x 1-5/8"W x 1-21/32"D (124mm x 41mm x 42mm)

FACEPLATES

ANSI Square Metal Door Frame Stainless Steel Faceplates (BHMA 630, US32D)

|	
CX-EMP-100	Centreline applications. Compatible with all cylindrical locksets.
CX-EMP-200	Deadlatch positioned above latchbolt. Compatible with Baldwin, PDQ, Marks locksets.
CX-EMP-300	Deadlatch positioned above latch. Compatible with Sargent 8100 / 7700, Schlage, Yale 8700 locksets.
CX-EMP-400	Deadlatch positioned below the latchbolt. Compatible with Corbin Russwin, Falcon, Sargent 7800 locksets.
CX-EMP-110	Deadbolt used for night latch function only. Compatible with Marks, Omnia, PDQ, Arrow, Accurate locksets.
CX-EMP-210	Deadlatch positioned below the latchbolt. Compatible with Corbin Russwin, Best 45 / 47, Falcon, Sargent 7800 / 8200 / 9200 locksets.
CX-EMP-310	Deadbolt used for night latch function only. Compatible with Sargent 7700 / 8100, Yale 8700 locksets.
CX-EMP-410	Used for 1" deadbolt and no latch. Compatible with Marks, Baldwin, Arrow, PDQ, Omnia locksets.

Wood Door Frame Stainless Steel Faceplates (BHMA 630, US32D)

CX-EMP-100W	Deadbolt used for night latch function only. Compatible with Marks, Omnia, PDQ, Arrow, Accurate locksets.
CX-EMP-110W	Centreline applications. Compatible with all cylindrical locksets.
CX-EMP-400W	Dead latch positioned above the latch bolt. Compatible with all cylindrical locksets.

ANSI Square Metal Door Frame All-Black Faceplates (BHMA 622, US19)

CX-EMP-100-BK	Centreline applications. Compatible with all cylindrical locksets. All-black finish.
CX-EMP-200-BK	Deadlatch positioned above latchbolt. Compatible with Baldwin, PDQ, Marks locksets. All-black finish.
CX-EMP-300-BK	Deadlatch positioned above latch. Compatible with Sargent 8100 / 7700, Schlage, Yale 8700 locksets. All-black finish.
CX-EMP-400-BK	Deadlatch positioned below the latchbolt. Compatible with Corbin Russwin, Falcon, Sargent 7800 locksets. All-black finish.
CX-EMP-110-BK	Deadbolt used for night latch function only. Compatible with Marks, Omnia, PDQ, Arrow, Accurate locksets. All-black finish.
CX-EMP-210-BK	Deadlatch positioned below the latchbolt. Compatible with Corbin Russwin, Best 45 / 47, Falcon, Sargent 7800 / 8200 / 9200 locksets. All-black finish.
CX-EMP-310-BK	Deadbolt used for night latch function only. Compatible with Sargent 7700 / 8100, Yale 8700 locksets. All-black finish.
CX-EMP-410-BK	Used for 1" deadbolt and no latch. Compatible with Marks, Baldwin, Arrow, PDQ, Omnia locksets. All-black finish.

ANSI Square Metal Door Frame Faceplates

CX-EMP-100   CX-EMP-200   CX-EMP-300   CX-EMP-400

CX-EMP-110   CX-EMP-210   CX-EMP-310   CX-EMP-410
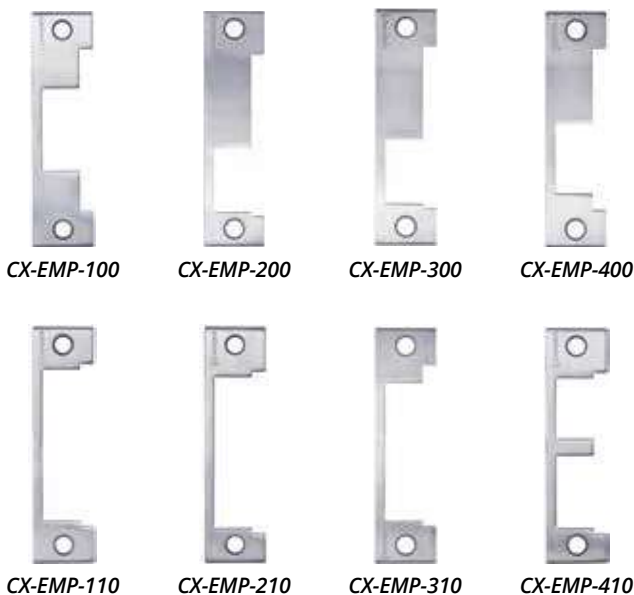
Wood Door Frame Faceplates

CX-EMP-100W   CX-EMP-110W   CX-EMP-400W

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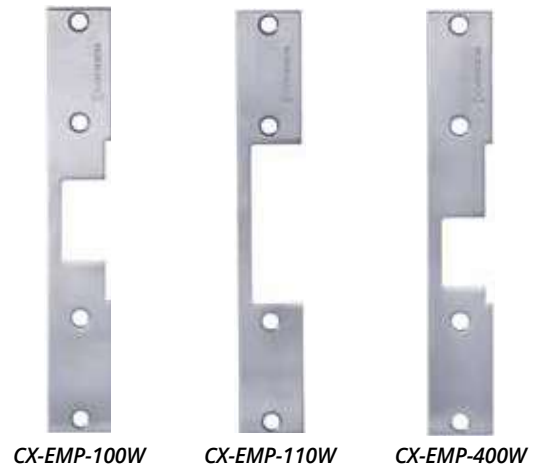
CX-ED1579L: 'ALL IN ONE' GRADE 1 FIRE RATED ELECTRIC STRIKE

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.

Features

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

MODEL

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

FACEPLATES (Included in Package)

Stainless Steel Finish (BHMA 630, US32D)

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

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 Safe)
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)

Stainless Steel Faceplates

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

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

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

Features

- Centerline latch entry for cylindrical and mortise locksets
- CX-ED1079, low profile. 1/2" to 5/8" latch projection (throw)
- CX-ED1079D, standard depth. 5/8" to 3/4" latch projection (throw)
- Selectable 12/24V AC/DC
- Selectable fail safe / fail secure operation
- Horizontal adjustability of strike 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

Optional Faceplates

CX-ESP2B	ANSI Round, 4-7/8" x 1-1/4", stainless steel
CX-ESP1B-BK	ANSI Square, 4-7/8" x 1-1/4", all-black finish (BHMA 622, US19)
CX-ESP2B-BK	ANSI Round, 4-7/8" x 1-1/4", all-black finish (BHMA 622, US19)
CX-ESP3B-BK	Hollow Metal Door, 6-7/8" x 1-1/4", all-black finish (BHMA 622, US19)
CX-ESP4B-BK	Wood Door, 7-15/16" x 1-7/16", all-black finish (BHMA 622, US19)

LIP EXTENSION BRACKETS

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

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	SPDT, 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-ED1410 / CX-ED1420 SERIES: 'ANSI' GRADE 1 FIRE RATED ELECTRIC STRIKE

SECURITY — UL LISTED — UL 1034 UL 294

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

COMING SOON!

CX-ED1410   CX-ED1420

CX-ED1410 and CX-ED1420 Grade 1 ANSI fire rated strikes are designed to provide affordable code compliance to UL fire rated doors/frames with cylindrical locksets.

Features

- Centerline latch entry for cylindrical locksets
- UL/ULC 90 minute fire rating
- UL 1034 Burglary listed
- **CX-ED1410:** 5/8" - 3/4" (16mm - 19mm) latch projection
- **CX-ED1420 Low Profile:** 1/2" - 5/8" (12mm - 16mm) latch projection
- Dual voltage 12/24V AC/DC
- Trim plate included
- Option for all-black finish
- 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 rated electric strike, 12/24V AC/DC, fail safe / fail secure operation
CX-ED1410-BK	As above, with all-black finish faceplate (BHMA 622, US19)
CX-ED1420	Grade 1 'ANSI' Low Profile, fire rated electric strike
CX-ED1420-BK	As above, with all-black finish faceplate (BHMA 622, US19)

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 | Duty: Continuous
Mode:	Field Selectable, Fail Safe/Fail Secure (Fire Rated in Fail Secure Mode Only)
Latch projection:	**CX-ED1410:** 5/8" - 3/4" (16mm - 19mm) **CX-ED1420:** 1/2" - 5/8" (12mm - 16mm)
Operation:	AC– Buzz | DC – Silent
Dimensions (**Body**):	**CX-ED1410:** 3-3/8"H x 1-7/8"W x 1-3/8"D (86mm x 47mm x 35mm) **CX-ED1420:** 3-3/8" H x 1-7/8" W x 1-3/16"D (86mm x 47mm x 30mm)

CX-ED1959 SERIES: OUTDOOR RATED ELECTRIC STRIKES

SECURITY — UL LISTED — UL 1034 UL 294

CX-ED1959 Series outdoor-rated strikes feature heavy-duty stainless steel construction with an integrated ANSI square faceplate and Grade 1 performance. The CX-ED1959 Series models include a heavy gauge painted steel mounting box at no additional charge.

CX-ED1959-MB is specifically designed for exposed perimeter doors and gates and is compatible with cylindrical and centreline mortise locksets without deadbolts. The CX-ED1959RM-MB is a best in class outdoor gate strike, designed for doors equipped with RIM exit devices.

Features

- UL listed Grade 1 strikes for exterior doors & gates
- Heavy gauge painted steel mounting boxes included
- Selectable fail safe / fail secure operation
- 7/8" latch opening
- Easy fit connectors
- 5 year warranty
- Selectable 12/24V DC

MODEL

CX-ED1959-MB	Outdoor rated Grade 1 strike for exterior doors and gates, designed for use with cylindrical & centreline mortise locksets. Supplied with metal mounting box.
CX-ED1959RM-MB	Outdoor rated Grade 1 strike for use with RIM exit devices, with standard or Pullman latches. Supplied with metal mounting box.

CX-ED1959-MB   CX-ED1959RM-MB

Specifications

Voltage:	12/24V 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)
Modes:	Selectable Fail Safe / Fail Secure
Duty:	Continuous
Dimensions (**Body**):	4-7/8"H x 1-5/8"W x 1-11/16" D (124mm x 41mm x 43mm)

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

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

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

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

SECURITY UL LISTED UL 1034 UL 294

CX-ED2071 / CX-ED2079

Features

- Centerline latch entry for cylindrical locksets, 1/2" to 5/8" latch projection
- Horizontal adjustability of strike body
- Low profile strike body
- Selectable fail safe / fail secure
- 5 year warranty

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

MODELS

CX-ED2071	'Universal' electric strike, 8 - 16V AC/DC, fail safe / fail secure operation, horizontal adjustment, 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, 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, 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

Optional Faceplates

CX-ESP2B	ANSI Round, 4-7/8" x 1-1/4", stainless steel
CX-ESP1B-BK	ANSI Square, 4-7/8" x 1-1/4", all-black finish (BHMA 622, US19)
CX-ESP2B-BK	ANSI Round, 4-7/8" x 1-1/4", all-black finish (BHMA 622, US19)
CX-ESP3B-BK	Hollow Metal Door, 6-7/8" x 1-1/4", all-black finish (BHMA 622, US19)
CX-ESP4B-BK	Wood Door, 7-15/16" x 1-7/16", all-black finish (BHMA 622, US19)

LIP EXTENSION BRACKETS

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

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 **(Body)**:	3-3/8"H x 1-7/8"W x 1-7/32"D (86mm x 44mm x 31mm)

CX-ESP1B   *CX-ESP3B*   *CX-ESP4B*

SERIES 20: PRE-LOAD GRADE 2 ELECTRIC STRIKES

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

Features

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

ELECTRIC STRIKES WITHOUT FACEPLATE

CX-EPD-2000L	Standard body, no faceplate

NOTE : Faceplate options, sold separately

ELECTRIC STRIKES WITH FACEPLATE

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

FACEPLATES

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

Specifications

Voltage:	12/24V AC/DC
Current Draw:	130mA @ 12 VDC 200mA @ 12 VAC 70mA @ 24V AC/DC
Static Strength:	1,500 Lbs.
Preload (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)

CX-STR-TMPKIT: STRIKE MARKING TEMPLATE KIT

Strike marking template kit, *CX-STR-TMPKIT*, includes a set of 5 heavy-duty metal templates for Camden strikes. This includes templates for Grade 1 and 2 ANSI strikes, ANSI fire-rated strike, ANSI storefront strike, and all-in-one mortise strike. They are conveniently packaged in a branded zipper pouch, complete with a screwdriver and marking pencil!

Features

- Heavy-duty metal templates
- Branded zipper pouch, complete with a screwdriver and marking pencil
- Templates included for:
  - CX-ED1079 Series
  - CX-ED2071/2079 Series
  - CX-ED1379/1309 Series
  - CX-ED1410 Series
  - CX-ED1579 Series
  - CX-ED1689/1799 Series

MODELS

CX-STR-TMPKIT	5 heavy-duty metal templates, screwdriver, and marking pencil

ELECTRIC STRIKE CROSS REFERENCE CHART

DESCRIPTION	CAMDEN	RCI (DORMA KABA)	H.E.S.	ADAMS RITE	TRINE	VON DUPRIN	LOCKNETICS	NOTES
3/4" Surface Mount RIM Strike	CX-EPD1289L	F0162	9500/9600	N/A	4800F	6300	RS-300-F-32D	Camden Includes Preload, Security and 3 Hour Fire Rating
1/2" Surface Mount RIM Strike with 2 Spacer Bars	CX-EPD1299L	0163	9400	74R2	4590	N/A	RS-2000	Camden Includes Preload Security and 2 Spacer Plates
Low Profile 'All in One' Fire Rated Electric Strike	CX-ED1689L-4	N/A	1500	N/A	4100	N/A	N/A	Camden Includes 4 Faceplates, 3 Hour Fire Rating, and Monitoring as Standard
Dual Monitor 'All in One' Fire Rated Electric Strike	CX-ED1799L-8	N/A	1600	N/A	N/A	6216	N/A	Camden Includes 8 Faceplates, 3 Hour Fire Rating, and Monitoring as Standard
'All in One' Grade 1 Fire Rated Electric Strike	CX-ED1579L	F2164	1006CLB	N/A	4100CDBM	6400	MS100F	Camden Includes 5 Faceplates, 3 Hour Fire Rating, and Latch Monitoring as Standard
Cylindrical, Grade 1, Low Profile	CX-ED1079	L65U	5000C	N/A	N/A	4200	CS-450	Camden Includes 3 Faceplates as Standard
Cylindrical Grade 1, Standard Depth	CX-ED1079D	S65U	5200C	N/A	4200	N/A	CS-750	Camden Includes 3 Faceplates as Standard
Cylindrical, Grade 1, Fire Rated Electric Strike	CX-ED1410	F4114	4500	7240	N/A	6200	N/A	Camden Includes 1 Faceplate (ANSI w/ Square Corners) as Standard, and 90 min. Fire Rating
Cylindrical, Grade 1, Fire Rated Electric Strike, Low Profile	CX-ED1420	N/A	5300	N/A	N/A	N/A	N/A	Camden Includes 1 Faceplate, 90 min. Fire Rating
Cylindrical, Grade 2, Low Profile	CX-ED2079	L65U	N/A	N/A	4200	5100	CS-450	Camden Includes 3 Faceplates
'Universal' Grade 1, Narrow Stile Aluminum	CX-ED1309 Series	N/A	N/A	7100	N/A	N/A	N/A	Camden Includes 2 ANSI Faceplates
Outdoor Rated, Grade 1 Electric Gate Strike	CX-ED1959-MB/ CX-ED1959RM-MB	N/A	N/A	N/A	EN400	N/A	N/A	Camden Includes a Metal Surface Mounting Box

Note: Specifications are subject to change without notice.

CX-ED1689L   CX-ED1799L   CX-ED1579L   CX-ED1079   CX-ED1410   CX-ED2079   CX-ED1309   CX-ED1959-MB

CX-EPD1289L   CX-EPD1299L

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CX-90 / 91 SERIES: SINGLE DOOR MAGNETIC LOCKS

* SECURITY
UL 1034
UL 294
LISTED

c UL® ULC S533-15

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, and are available in an aluminum or black finish.

Features

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

MODELS

300 lbs..

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

600 lbs..

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

1200 Lbs..

CX-91S-12*	1,200 lbs. Surface Mount Single Door - Basic
CX-91S-12TDS*	1,200 lbs. Surface Mount Single Door - With Adjustable Timer, Door Status Switch, Lock Sensor / Relay & LED
CX-91S-12-BK	1,200 lbs. Surface Mount Single Door - Basic, All-black Finish
CX-91S-12TDS-BK	1,200 lbs. Surface Mount Single Door - With Adjustable Timer, Door Status Switch, Lock Sensor / Relay & LED, All-black Finish

Specifications

Voltage:	12/24 VDC
Current Draw:	**CX-90 Series:** 360mA @ 12 VDC, 180mA @ 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 Cycles
Body Dimensions:	**CX-90S-03:** 6-1/2"W x 1-3/8"H x 13/16"D (165mm x 35mm x 21mm) **CX-90M-03:** 8"W x 1-3/8"H x 13/16"D (203mm x 35mm x 21mm) **CX-91S-06 & CX-91S-06-BK:** 9-7/8"W x 2"H x 1-1/8"D (250mm x 50mm x 29mm) **CX-91M-06:** 9"W x 1-1/2"H x 1-1/8"D (229mm x 38mm x 29mm) **CX-91S-12 & CX-91S-12-BK:** 10-1/2"W x 2-5/8"H x 1-9/16"D (266mm x 67mm x 39mm)
Armature Plate:	**CX-90 Series:** 5-1/8"W x 1-1/4"H x 1/4"D (130mm x 32mm 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) **CX-91M-06:** 7-5/32"W x 1-3/4"H x 15/32"D (182mm x 44mm x 12mm)

CX-90S-03

CX-91S-06

METAL MOUNTING JIG INCLUDED!

CX-91S-12-BK

CX-92S SERIES: DOUBLE DOOR MAGNETIC LOCKS

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

* **SECURITY**
UL 1034
UL 294
LISTED

ULC S533-15

Features

- 600 and 1,200 lbs. single door models
- 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 maglock
- Wide range of mounting brackets and spacers available
- Lifetime warranty

MODELS

600 lbs..

CX-92S-06	600 lbs.. Surface Mount Double Door Maglock - Basic
CX-92S-06TDS	600 lbs.. Surface Mount Double Door Maglock - With Adjustable Timer, Door Status Switch, Lock Sensor, Relay & LED
CX-92S-06-BK	600 lbs.. Surface Mount Single Door - Basic, All-Black Finish
CX-92S-06TDS-BK	600 lbs.. Surface Mount Double Door Maglock - With Adjustable Timer, Door Status Switch, Lock Sensor, Relay & LED, All-Black Finish

1200 Lbs..

CX-92S-12*	1,200 lbs.. Surface Mount Double Door Maglock - Basic
CX-92S-12TDS*	1,200 lbs.. Surface Mount Double Door Maglock - With Adjustable Timer, Door Status Switch, Lock Sensor, Relay & LED
CX-92S-12-BK	1,200 lbs.. Surface Mount Double Door Maglock - Basic, All-Black Finish
CX-92S-12TDS-BK	1,200 lbs.. Surface Mount Double Door Maglock - With Adjustable Timer, Door Status Switch, Lock Sensor, Relay & LED, All-Black Finish

Specifications

Voltage:	12/24 VDC
Current Draw:	**CX-92S-06 TDS:** 2 x 510mA @ 12 VDC / 2 x 285mA @ 24 VDC **CX-92S-12 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 Cycles
Body Dimensions:	**CX-92S-06 TDS & CX-92S-06 TDS-BK:** 19-3/4"W x 2"H x 1-1/8"D (500mm x 50mm x 29mm) **CX-92S-12 TDS & CX-92S-12 TDS-BK:** 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)

CX-92S-06

CX-92S-12-BK

METAL MOUNTING JIG INCLUDED!

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

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

SINGLE DOOR MODELS

Brackets

CX-MA0610	L Bracket for 600 lbs. Magnetic Lock
CX-MA0613	L & Z Bracket for 600 lbs. Magnetic Lock
CX-MA1210	L Bracket for 1,200 lbs. Magnetic Lock
CX-MA1213	L & Z Bracket for 1,200 lbs. Magnetic Lock

Filler Plates

CX-MA0614-38	3/8" Filler Plate for 600 lbs. Magnetic Lock
CX-MA0614-12	1/2" Filler Plate for 600 lbs. Magnetic Lock
CX-MA0614-58	5/8" Filler Plate for 600 lbs. Magnetic Lock
CX-MA1214-38	3/8" Filler Plate for 1,200 lbs. Magnetic Lock
CX-MA1214-12	1/2" Filler Plate for 1,200 lbs. Magnetic Lock
CX-MA1214-58	5/8" Filler Plate for 1,200 lbs. Magnetic Lock

Spacer Plates

CX-MA0614-25	1" Spacer Plate for 600 lbs. Magnetic Lock
CX-MA1214-25	1" Spacer Plate for 1,200 lbs. Magnetic Lock

Armature / Mounting Kits

CX-MA0612	Armature Housing for 600 lbs. Magnetic Lock
CX-MA1212	Armature Housing for 1,200 lbs. Magnetic Lock
CX-MA1215-95	Split Armatures (2) for 1,200 lbs. Magnetic Lock 3/8" (9.5mm)
CX-MA1215-16	Split Armatures (2) for 1,200 lbs. Magnetic Lock 5/8" (16mm)

Glass Door Mounting Kits

CX-MA0611	Glass (1/2" thick) Door Mounting Kit for 600 lbs. Magnetic Lock
CX-MA1211	Glass (1/2" thick) Door Mounting Kit for 1,200 lbs. Magnetic Lock

DOUBLE DOOR MODELS

Brackets

CX-MA0610D	L Bracket for 600 lbs. Magnetic Lock
CX-MA1210D	L Bracket for 1,200 lbs. Magnetic Lock
CX-MA0613D	L & Z Bracket for 600 lbs. Magnetic Lock
CX-MA1213D	L & Z Bracket for 1,200 lbs. Magnetic Lock

Filler Plates

CX-MA1214-38D	3/8" Filler Plate for 1,200 lbs. Magnetic Lock
CX-MA1214-12D	1/2" Filler Plate for 1,200 lbs. Magnetic Lock
CX-MA1214-58D	5/8" Filler Plate for 1,200 lbs. Magnetic Lock

Spacer Plates

CX-MA0614-25D	1" Spacer Plate for 600 lbs. Double Magnetic Lock
CX-MA1214-25D	1" Spacer Plate for 1,200 lbs. Double Magnetic Lock

SIGNAGE

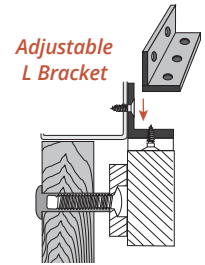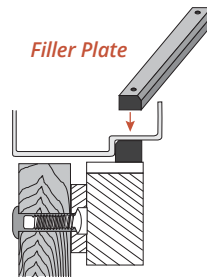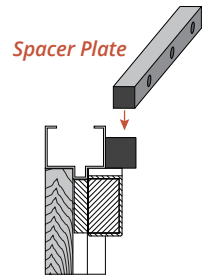|	
CX-MS01/W	Sign for Emergency Exit, Printed on White Mylar
CX-MS01	Sign for Emergency Exit, Printed on Clear Mylar

Armature

Split Armature
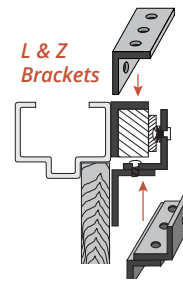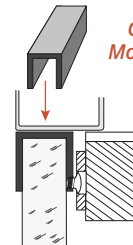

L & Z Brackets

Adjustable L Bracket

Filler Plate

Spacer Plate

Glass Mounting Kit

Emergency Exit Signage

CX-94 SERIES: GATE LOCK

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

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

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

Specifications

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

CX-95S-DH SERIES: MAGNETIC DOOR HOLDERS

CX-95S-DH CX-95S-DH Magnetic Door Holders are designed for virtually any remote door release application. The UL-listed Magnetic Door Holder controls the release and closing of commercial and public area doors, ideal for use in apartment buildings, schools, hotels, hospitals, and offices.

Fail-safe operation, tri-volt coils, and an adjustable armature plate allow for easy and flexible installation. Our Magnetic Door Holders may be surface, flush, or floor mounted, with all mounting hardware included in the kit. Optional extension bars are also available.

UL 10C
UL 228
ULC/ORD-C228-95

C UL us LISTED

CX-95S-DH   **CX-95S-DH-FL**

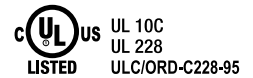| Features	
• Multiple voltages: 12/24V, AC/DC, 120 VAC • Armature plate adjusts to door alignment • Two models: Surface / flush and floor mounted	• 3" & 7" extension bars available • Up to 35 lbs. (16 kg) holding force • 3 year warranty

MODELS	
CX-95S-DH	Magnetic Door Holder Surface / Flush Mount
CX-95S-DH-FL	Magnetic Door Holder Floor Model

EXTENSION BARS	
CX-95S-3E	3" Magnetic Door Holder Extension Bar
CX-95S-7E	7" Magnetic Door Holder Extension Bar

BRACKETS	
CX-DH-LBRK	Floor Mount 'L' Bracket for Door Holder

Specifications

Voltage:	12/24 VDC, 120V AC
Current Draw:	55mA @ 12V AC 57mA @ 12V DC, 32mA @ 24V AC 34mA @ 24V DC, 30mA @ 120V AC
Static Hold Force:	**12V AC/DC:** Up to 30 lbs. **24V AC/DC:** Up to 35 lbs. **120V AC:** Up to 18 lbs.
Mount Options:	Surface/Flush or Floor Mount
Dimensions:	**Surface and Floor Mount Magnet:** 2-3/4" W x 4-5/8" L x 2-1/2" D (70mm x 116mm x 62 mm) **Flush Mount Magnet:** 2-3/4" W x 4-5/8" L x 1-3/4" D (70mm x 116mm x 44mm) **Armature Plate:** 2-9/16" W x 2-9/16" L x 2-7/8" D (65mm x 65mm x 74mm)

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LOCKING PRODUCTS

CX-DE1200 SERIES: DELAYED EGRESS MAGNETIC LOCKS

CX-DE1200 Series delayed egress magnetic locks feature heavy-duty construction, 1,200 lbs. holding force and a range of models. 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 maglock for double doors, and a full complement of ancillary devices, including key switches, annunciators, and signal appliances.

NEW 90 dB SOUNDER INCLUDED!

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

UL 294
ULC S533

Features

- Holding force up to 1,200 lbs.
- Field selectable exit delay time 15/30 seconds
- Nuisance delay period either 1, 2 or 3 seconds
- 75 dB voice alerts with led segment bar displaying countdown time & field selectable languages
- Optional features:
  - Door position status
  - Bond status
  - Remote reset and bypass via keyswitch
- Automatic/manual start-up on power restore
- Single gang 90db sounder provided for Alarm alerts

- Auto sensing voltage power input 12/24 VDC
- Power polarity protection
- Optional connection for auxiliary lock (double leaf door)
- Hall effect sensor monitoring output
- Anti-tamper status
- Tailgating prevention - door will re-lock as soon as it closes
- Anti-pass back / auto re-lock: If door doesn't open after the count down, the door will automatically 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		Manual	Unlocked	
CX-DE1200/1220-B1	15			0 or 3	Auto / Manual			Locked/Unlocked
CX-DE1200/1220-B2	30			0 or 3	Auto / Manual			Locked/Unlocked
CX-DE1200/1220-B3	15		0		Auto / Manual			Locked/Unlocked
N# = NFPA COMPLIANCE B# = BOCA COMPLIANCE								

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 30 sec. Exit Delay
CX-DE1200-N4	Single Maglock, NFPA 101, IBC, IFC, UBC - Fixed 15 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 30 sec. Exit Delay
CX-DE1220-N4	Single & Tandem Maglock, NFPA 101, IBC, IFC, UBC - Fixed 15 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

PUSH UNTIL ALARM SOUNDS. DOOR CAN BE OPENED IN 15 SECONDS.	KEEP PUSHING. THIS DOOR WILL OPEN IN 15 SECONDS. ALARM WILL SOUND.	PUSH UNTIL ALARM SOUNDS. DOOR CAN BE OPENED IN 30 SECONDS.	KEEP PUSHING. THIS DOOR WILL OPEN IN 30 SECONDS. ALARM WILL SOUND.

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

OPTIONS

Magnetic Lock & Remote Reset Key Switch

Add suffix to Delayed Egress Magnetic Lock model number for single gang Key Switch with (2) NO SPST switches, mortise cylinder, stainless steel faceplate and laser etched graphics.

OVERRIDE   RESET

-KS

CONTOURNER   RÉINITIALISER

-KSF

OVERRIDE   RESET
CONTOURNER   RÉINITIALISER

-KSFE

OVERRIDE   RESET

CX-DE1200-XX/KS

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MOUNTING ACCESSORIES

CX-DE1200 Series delayed egress magnetic locks are supported with a range of mounting accessories, including spacer bars and mounting brackets.

MODELS	
CX-DE1214-38	3/8" Spacer bar
CX-DE1214-58	5/8" Spacer bar
CX-DE1215	1" x 1-1/2" L bracket
CX-DE1216	1-1/2" x 1/2" L bracket
CX-DE1217	2" L bracket

SYSTEM ACCESSORIES

Delayed egress magnetic locks are supported with a range of accessory devices, including a reset station, speakers, and an 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 reset switch and 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	Surface Mount, external 15 W audio speaker station, with Aura™ PCB feature displaying 3 colors for designated states
CX-DESPK15/55i	Flush Mount, external 15 W audio speaker station, with Aura™ PCB feature displaying 3 colors for designated states
60-57A027	Delayed egress sign, raised lettering and braille language for the visually impaired. 12" x 12" (30.5 cm x 30.5 cm)
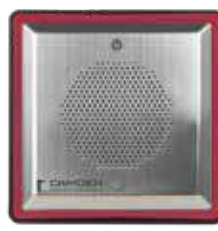
CX-DE502SO   CX-DESPK   CX-DESPK15-54i
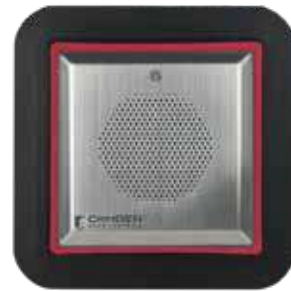
CX-DESPK15-55i

Optional braille sign

60-57A027

CX-EPD0009: MAGNETIC CABINET LOCK

CX-EPD0009 *Magnetic Cabinet Lock has an ultra-compact design and is an easily installed high-security lock for virtually any enclosure door, including computer cabinets, refrigerators, lockers, and retail display counters. This 12V or 24V magnetically operated lock has a holding force of 440 lbs. and is water-resistant, making it ideal for humid environments, including inside fridges and freezers.*

Features

- Front or side mounting for use with swing or sliding doors and drawers
- Armature plate adjusts to door alignment
- 5 lbs. preload
- Ultra-compact design
- 440 lbs. holding force
- Water resistant for indoor and outdoor use

MODELS

CX-EPD0009	Magnetic Cabinet Lock

BRACKETS

CX-CL-LZBRK	L&Z Bracket For Use With CX-EPD0009 Magnetic Cabinet Lock

CX-CL-LZBRK

Specifications

Power Input:	12 / 24 VDC
Current Draw:	60mA @ 12 VDC 110mA @ 24VDC
Endurance:	250,000 cycles
Static Strength:	440 lbs. (200 kg) Holding Force
Preload:	5 lbs.
Temp. Rating:	-4°F to 140°F (-20°C to 60°C)
Operation Mode:	Fail-Safe
Installation Options:	Front Mount, Side Mount

Dimensions:

Cabinet Lock:
2-1/2"H x 27/32"W x 1"D
(64mm x 21.5mm x 25mm)
Armature Plate:
2"H x 11/16"W x 19/32"D
(51mm x 18mm x 15.6mm)

L Bracket:
2-1/2"H x 1-3/32"W x 1-1/4"D
(64mm x 28mm x 29mm)
Z Bracket:
2-1/2"H x 1-5/8"W x 3"D
(64mm x 41mm x 76mm)

CX-ED0010: ELECTROMECHANICAL CABINET LOCK

Camden's CX-ED0010 Electromechanical Cabinet Lock represents an evolution in secure locking systems, designed for a broad range of enclosures that use swinging doors, drawers, and sliding doors. This lock supports both 12V and 24V power supplies and introduces the flexibility of operating in either field selectable fail-safe or fail-secure modes.

The CX-ED0010 accommodates diverse security needs in places such as computer cabinets, lockers, retail display counters, and medical and cannabis dispensaries. Its inclusion of door and lock status sensors further enhances its functionality, providing real-time security status.

Features

- Front mounting for use with office drawers, display cabinets, etc.
- Field selectable fail-safe or fail secure operation
- 440 lbs. (200 kg) holding force
- Strike plate adjusts to door alignment

MODELS

CX-ED0010	Electromechanical Cabinet Lock

Specifications

Power Input:	12 / 24 VDC
Current Draw:	280mA @ 12 VDC 140mA @ 24VDC
Endurance:	250,000 cycles
Static Strength:	440 lbs. (200 kg) Holding Force
Temp. Rating:	-4°F to 140°F (-20°C to 60°C)
Operation Mode:	Field Selectable Fail-Safe or Fail Secure
Installation Options:	Front Mount
Door Status Sensor:	200mA @ 30VDC (Max) Form 'C'
Lock Status Sensor:	1A @ 30V DC (Max)
Dimensions:	**Lock Body:** 3-5/16"H x 1-3/16"W x 1-1/8"D (84mm x 30mm x 28mm) **Strike Plate:** 2-1/16"H x 15/16"W x 1-1/4"D (52mm x 24mm x 32mm)

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DOOR CONTROL

CX-33: ADVANCED LOGIC RELAY

CX-33 is a 'state of the art' door controller designed for 'universal' operation in automatic door and application security. 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 and security 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 36-37)
- Short circuit and thermal overload protection
- 3 year warranty

MODEL

CX-33PS	Advanced Logic Relay, 2 Amp Power Supply, Cabinet and Transformer
Option	
'L'	Add suffix 'L' to model number for Cabinet Lock

Specifications

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

CX-EMF-2: MULTI-FUNCTION RELAY

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

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

Features

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

MODELS

CX-EMF-2	Multi-function relay - clear 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:	0.3 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*

CX-MD SERIES: DOOR CONTACT SWITCHES

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

MODELS

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

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

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

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CX-IRB: ISOLATION RELAY

CX-IRB Isolation Relay Module provides a compact and economical solution for isolating devices from electrical noise and induced voltages, or take (1) input and provide (2) form 'C' outputs. 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 operators 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 • Includes thick double sided tape for easy installation • 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
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.

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 Operations @ Rated Capacity
Modes:	8
Time Delay:	D.O.R. #1: 1-30 Seconds D.O.O. #2: 1-15 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)

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

MODEL	
CX-SA1	Switching Network

Specifications

Voltage:	12 to 24V AC/DC
Current Draw:	18mA Idle, 63mA, Operating @ 24V
Response Time:	0.3 Seconds
Input:	2 x N/O Wet or Dry Contacts
Operation:	One Shot, Maintained, or Latching
Output:	2 x Form 'C' (SPDT)
Contact Rating:	2A @ 24 VDC
Electrical Life:	100,000 Operations @ Rated Capacity
Time Delay:	D.O.R. #1: 0.5-30 Seconds 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)

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 mantraps, and everything in between, Camden offers the right solution at the right price – backed by the best warranty in the industry.

CX-33
Advanced Logic Relay
Page 24

CX-12 PLUS
Door Interface Relay
Page 26

CX-EMF-2
Multi-Function Relay
Page 25

CX-33PS
Control Relay & 2 Amp Power Supply Cabinet
Page 24
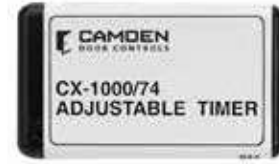
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RELAY CONTROL SELECTION CHART

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)	2* (Yes)	3* (Yes)	2* (Yes)	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	Clear Plastic	Paper Wrap	Paper Wrap	
Dimensions	6" x 2" x 7/8"	6-7/8" x 2-7/8" x 7/8"	3-1/4" x 2-1/4" x 5/8"	4-1/8" x 3-1/2" x 5/8"	

CX-1000/74: MICROMINDER

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

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

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:	0.03 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

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** • **Dipswitch programming for accuracy** • **Normal / fail safe output**	• **12/24 VDC** • **DPDT contacts with LED, rated 5 Amps @ 24VDC**

MODEL	
CX-1000/77	MaxiMinder™

Specifications

Voltage:	12/24 VDC
Current Draw:	12mA Idle, 60mA Operating
Response Time:	0.03 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

DOOR CONTROL

CX-1085M: PNEUMATIC TIME DELAY

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

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

UL Listed Components

CX-1085M
(Push button sold separately)

Features

- 1 to 60 second timer
- May be ordered separately, or factory installed on select exit buttons
- DPST contacts rated 5 Amp @ 30 VDC
- To view Exit buttons with pneumatic timers, see CM-4000, 5000, 7000 and 8000 series (pages 52 - 56)

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)

CX-247 SERIES: 7 DAY TIMER

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

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

Features

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

Specifications

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

MODELS

CX-247-12	7 day timer - 12V AC/DC
CX-247-24	7 day timer - 24V AC/DC
CX-247H-12	7 day timer with first-man-in function - 12V AC/DC
CX-247H-24	7 day timer with first-man-in function - 24V AC/DC

CX-DA SERIES: DOOR PROP ALARMS

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

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

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

CX-DA100   *CX-DA200*

Specifications

Voltage:	**CX-DA100:** 12 - 24 VDC **CX-DA200/300:** 12/24V AC/DC
Current Draw:	**CX-DA100:** 18mA **CX-DA200/300:** 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-DA200/300:** 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-DA300:** 4-1/2"H x 4-1/2"W x 1-1/2"D (114mm x 114mm x 38mm)

CX-DA SERIES: DOOR MONITOR ALARMS

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

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

Specifications

Voltage:	12/24V AC/DC
Current Draw:	250 mA
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, 30VDC
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:	4-1/2"H x 4-1/2"W x 2-1/2"D (114mm x 114mm x 64mm)

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-LED: SINGLE GANG LED PLATES

CX-LED Series single gang plates provide visual 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	• Laser etched text cannot be scratched / worn off
	• Bright LEDs with long life
• Single gang, heavy gauge, stainless steel faceplates	• Custom text/graphics available
	• Other faceplate options available

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

LED Options (If not specified, 'RED' will be supplied)	
CX-xx/R	Add suffix 'R' to model number for red LED
CX-xx/G	Add suffix 'G' to model number for green LED
CX-xx/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)

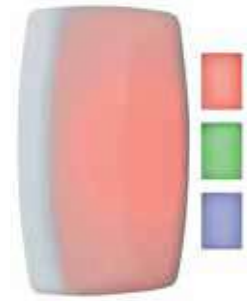| CX-LED1					CX-LED2		
OCCUPIED	OCCUPIED WHEN LIT	DOOR LOCKED WHEN LIT	ASSISTANCE REQUIRED	IN USE	OCCUPIED VACANT	DOOR LOCKED DOOR UNLOCKED	ARMED DISARMED
CX-xx/50	*CX-xx/51*	*CX-xx/52*	*CX-xx/53*	*CX-xx/54*	*CX-xx/55*	*CX-xx/56*	*CX-xx/57*

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, bilingual, and Spanish 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.
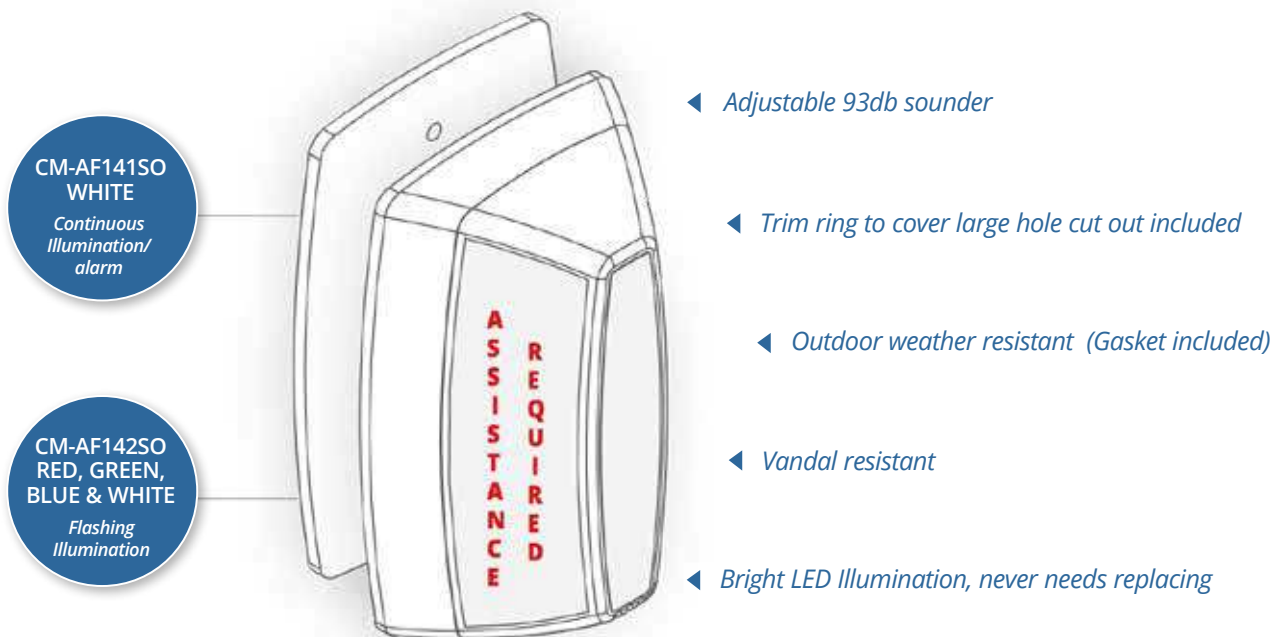
CM-AF142SO

Features

- Compact elegant one gang design
- Impact resistant polycarbonate
- Weather resistant, rubber gasket included
- 'Assistance Required' text, French, bilingual, and Spanish 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, 'FE' for bilingual, 'SP' for Spanish
CM-AF142SO	Single Gang LED Dome Light, Selectable Red/Green/Blue/White, with Sounder Selectable Continuous or Flashing. Add suffix 'F' for French, 'FE' for bilingual, 'SP' for Spanish

CM-AF141SO WHITE
Continuous Illumination/ alarm

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

◀ *Adjustable 93db sounder*

◀ *Trim ring to cover large hole cut out included*

◀ *Outdoor weather resistant (Gasket included)*

◀ *Vandal resistant*

◀ *Bright LED Illumination, never needs replacing*

CM-AF500 SERIES: LED ANNUNCIATORS

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

Features

- CM-AF500: (6) message insert labels included, English, French, Bilingual, and Spanish
- CM-AF501SO: Adjustable 85 dB sounder
- CM-AF540SO: 'Assistance Required' label, with sounder

- 'Super bright' LEDs for high visibility, even in daylight
- Text / graphics are not legible when not illuminated
- Vandal and weather resistant construction
- 3 year warranty

MODELS

Model	Description
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-AF501SO	Single gang LED annunciator with adjustable sounder, 'Assistance Requested'. Add suffix 'F' for French, 'FE' for bilingual, and 'SP' for Spanish
CM-AF540SO	Double gang, push/pull mushroom push button, red, 'Assistance Required', with LED annunciator and adjustable sounder, 'Assistance Requested'. Add suffix 'F' for French, and 'SP' for Spanish
CM-AF550R	Double gang, mushroom push button, red, 'Push to Lock', with LED annunciator, Add suffix 'F' for French, and 'SP' for Spanish

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-AF501SO/CM-AF540SO:** Adjustable, 85dB @ 3-15/16" (100mm) 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-AF540SO/CM-AF550R:** 4-1/2"H x 4-1/2"W x 9/16"D (114mm x 114mm x 15mm)

CM-AF500   CM-AF501SO   CM-AF540SO

# 2nd Generation Restroom Systems
with More <u>Exclusive Features</u>!

## Barrier Free Control & Emergency Call Systems for Universal Restrooms

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

- **Aura™ Illuminated Push Plate Switches**
  Color changes on door lock status.
  Surface and flush mounting.

- **CX-33 and CX-EMF2 Relay Controllers**
  One controller for all activation, annunciation and locking. Systems for 1 or 2 restroom entry doors.

- **SureWave™ Series Touchless Switches**
  Camden offers a complete restroom solution using touchless switches.

- **CM-AF500 Series LED Annunciators**
  The only single and double gang LED annunciators with adjustable sound volume.

- **CM-AF141SO LED Dome Light**
  Vandal and weather resistant design with adjustable sound volume.

- **CX-LRS Latching Relay Kits**
  Only Camden offers the option for maintained or momentary 'assistance' switches, with push button or key switch reset.

Now available with tape switch activation
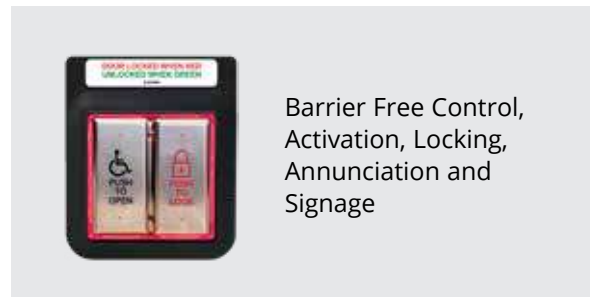
Barrier Free Control, Activation, Locking, Annunciation and Signage
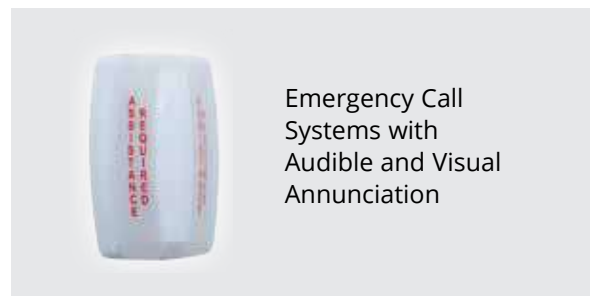
Emergency Call Systems with Audible and Visual Annunciation

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

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

CX-WC KIT NO.	(2) DOOR OPEN SWITCHES	COMBO SWITCH	SURFACE MOUNT WITH BOX	FLUSH MOUNT	ENGLISH	FRENCH	ENGLISH / FRENCH	SPANISH	POWER SUPPLY & STRIKE
10	**N/A**	**N/A**	**N/A**	Standard	Standard	F	FE	SP	PS
11	A	**N/A**	**N/A**	Standard	Standard	F	FE	SP	PS
13	A	X	SM	FM	Standard	F	FE	SP	PS
14	A	X	SM	FM	Standard	F	FE	SP	PS
16	Standard	**N/A**	SM	Standard	Standard	F	FE	SP	PS
17VR	Standard	**N/A**	Standard	**N/A**	Standard	F	FE	SP	PS
18VR	Standard	**N/A**	Standard	**N/A**	Standard	F	FE	SP	PS

MODELS	
CX-WC10	**BASIC PUSH BUTTON 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' for French, 'FE' for bilingual, 'SP' for Spanish
CX-WC11	**BASIC PUSH BUTTON & 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' for French, 'FE' for bilingual, 'SP' for Spanish
CX-WC11ASM-PS	**SURFACE MOUNT PUSH BUTTON & 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' for French, 'FE' for bilingual, 'SP' for Spanish

CX-WC10

CX-WC11

CX-WC11ASM-PS

CX-WC: BARRIER FREE RESTROOM CONTROL KITS

Listed Components

ADA Compliant

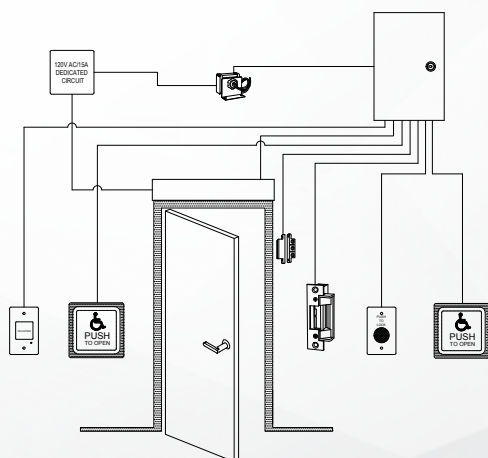| MODELS	
CX-WC11AFM-PS	**FLUSH MOUNT PUSH BUTTON & ANNUNCIATOR SYSTEM** (1) **CX-33PS** Advanced Logic Relay, 2 Amp Power Supply, Cabinet and Transformer (2) **CM-45/4** Push plate switches with wheelchair and 'PUSH TO OPEN', Blue text (1) **CM-400R/8** Single gang, N/O contacts; Red button; 'PUSH TO 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' for French, 'FE' for bilingual, 'SP' for Spanish
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 Add suffix 'F' for French, 'FE' for bilingual, 'SP' for Spanish
CX-WC13AXFM	**FLUSH MOUNT COMBO ILLUMINATED PUSH PLATE SYSTEM** (1) **CX-33** Advanced Logic Relay (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" Square (concealed screws) push plate, with sounder, illuminated RED/GREEN/BLUE flush mount CM-55i box; Double sided. 'DOOR LOCKED WHEN 'RED' / 'UNLOCKED WHEN GREEN' AND 'OCCUPIED WHEN RED' / 'VACANT WHEN GREEN'; 'WHEELCHAIR' symbol and 'PUSH TO OPEN', blue (1) **CX-MDA** Magnetic contact, surface, SPST, white Add suffix 'F' for French, 'FE' for bilingual, 'SP' for Spanish

CX-WC11AFM-PS

CX-WC13AXSM

CX-WC13AXFM

Don't see the kit you need? Give us a call! 1 (877) 226-3369

We offer hundreds of restroom packages!

Contact our customer service department at 1(877) 226-3369 extension 503, or by email at csr@camdencontrols.com

CX-WC: BARRIER FREE RESTROOM CONTROL KITS

Listed Components

ADA Compliant

MODELS	
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' for French, 'FE' for bilingual, 'SP' for Spanish
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' for French, 'FE' for bilingual, 'SP' for Spanish
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' for French, 'FE' for bilingual, 'SP' for Spanish
CX-WC14AXFM	**FLUSH MOUNT TWO DOOR RESTROOM SYSTEM** (1) **CX-EMF2** Multi-Function Relay Controller (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 signs (2) **CX-MDA** Magnetic contact, surface, SPST, white Add suffix 'F' for French, 'FE' for bilingual, 'SP' for Spanish

CX-WC13AXSM-PS

CX-WC13AXFM-PS

CX-WC14AXSM

CX-WC14AXFM

CX-WC: BARRIER FREE RESTROOM CONTROL KITS

Listed Components

ADA Compliant

MODELS	
CX-WC14AXSM-PS	**SURFACE MOUNT TWO DOOR RESTROOM SYSTEM, WITH POWER SUPPLY** (1) **CX-EMF2PS** Multi-function relay controller, 2 Amp power supply, cabinet and transformer (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' for French, 'FE' for bilingual, 'SP' for Spanish
CX-WC14AXFM-PS	**FLUSH MOUNT TWO DOOR RESTROOM SYSTEM, WITH POWER SUPPLY** (1) **CX-EMF2PS** Multi-function relay controller, 2 Amp power supply, cabinet and transformer (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' for French, 'FE' for bilingual, 'SP' for Spanish
CX-WC16	**TOUCHLESS SWITCH RESTROOM KIT** (1) **CX-33** Advanced Logic Relay (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' for French, 'FE' for bilingual, 'SP' for Spanish
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' for French, 'FE' for bilingual, 'SP' for Spanish

CX-WC14XSM-PS

CX-WC14XFM-PS

CX-WC16

CX-WC16-PS

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CX-WC: BARRIER FREE RESTROOM CONTROL KITS

MODELS	
NEW! CX-WC17VR	**COLUMN™ SWITCH RESTROOM SYSTEM KIT WITH POWER SUPPLY & HANDS-FREE SENSORS** (2) **CM-7536VR/4** 'Push to Open' Column™ Switches and Signs (1) **CM-7536VR/8B** 'Push to Lock' (Red) Column™ Switch and Sign (1) **CX-33** Advanced Logic Relay (1) **CX-MDA** Surface Magnetic Contacts Add suffix 'F' for French, 'FE' for bilingual, 'SP' for Spanish
NEW! CX-WC17VR-PS	**COLUMN™ SWITCH RESTROOM SYSTEM KIT WITH POWER SUPPLY & HANDS-FREE SENSORS** (2) **CM-7536VR/4** 'Push to Open' Column™ Switches and Signs (1) **CM-7536VR/8B** 'Push to Lock' (Red) Column™ Switch and Sign (1) **CX-33PS** Advanced Logic Relay, 2 Amp Power Supply, Cabinet and Transformer (1) **CX-ED2079** Grade 2 Electric Strike (1) **CX-MDA** Surface Magnetic Contacts Add suffix 'F' for French, 'FE' for bilingual, 'SP' for Spanish
NEW! CX-WC18SLVR	**COLUMN™ SIDE LOAD SWITCH RESTROOM SYSTEM KIT WITH HANDS-FREE SENSOR** (2) **CM-8436VR/4** 4.5" x 36" 'Push to Open' (Blue) Column Switch w/ Side Load Back Box (1) **CM-8436VR/8B** 4.5" x 36" 'Push to Lock' (Red) Column™ Switch, w/ Side Load Back Box Aluminum finish only. (1) **CX-33** Advanced Logic Control Relay Add suffix 'F' for French, 'FE' for bilingual, 'SP' for Spanish
NEW! CX-WC18SLVR-PS	**COLUMN™ SIDE LOAD SWITCH RESTROOM SYSTEM KIT WITH POWER SUPPLY & HANDS-FREE SENSOR** (2) **CM-8436VR/4** 4.5" x 36" 'Push to Open' (Blue) Column Switch w/ Side Load Back Box (1) **CM-8436VR/8B** 4.5" x 36" 'Push to Lock' (Red) Column™ Switch, w/ Side Load Back Box Aluminum finish only. (1) **CX-33PS** Advanced Logic Control Relay & Power Supply Cabinet (1) **CX-ED2079** Grade 2 ANSI electric strike with 3 faceplates (1) **CX-MDA** Surface Magnetic Contacts Add suffix 'F' for French, 'FE' for bilingual, 'SP' for Spanish

CX-WC17VR

CX-WC17VR-PS

CX-WC18SLVR

CX-WC18SLVR-PS

CX-WEC SERIES: EMERGENCY CALL SYSTEMS FOR UNIVERSAL RESTROOMS

UL Listed Components   ADA Compliant

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

Specifications

Current Draw: CX-WEC Series: 165mA

CX-WEC10

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' Add suffix 'F' for French, 'FE' for bilingual, 'SP' for Spanish
CX-WEC10K2	**UNIVERSAL EMERGENCY CALL KIT** (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' Add suffix 'F' for French, 'FE' for bilingual, 'SP' for Spanish
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 'EMERGENCY' sign Add suffix 'F' for French, 'FE' for bilingual, 'SP' for Spanish
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 'EMERGENCY' sign Add suffix 'F' for French, 'FE' for bilingual, 'SP' for Spanish

CX-WEC10K2

CX-WEC10BK2

CX-WEC10CK2

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CX-WEC SERIES: EMERGENCY CALL SYSTEMS FOR UNIVERSAL RESTROOMS

MODELS

CX-WEC12

UNIVERSAL EMERGENCY CALL KIT, WITH PUSH BUTTON RESET
(1) **CM-AF501SO** Single gang LED annunciator w/ adjustable sounder 'ASSISTANCE REQUESTED' (1) **CM-AF141SO** Single Gang LED Dome Light with sounder
(1) **CM-SE21A** English, solid white 'EMERGENCY' sign
(1) **CM-LRS24** 24V Latching Relay Assembly for EM Call System using momentary 'Press For Emergency Assistance' switches
(1) **CM-8010R/13** momentary, 'Press for Reset' 1" red push button; For use with momentary 'Press For Emergency Assistance' switches (extra)
Add suffix 'F' for French, 'FE' for bilingual, 'SP' for Spanish

CX-WEC12

CX-WEC12-TS

NEW!

EMERGENCY CALL SYSTEM KIT, WITH RIBBON SWITCH WITH PUSH BUTTON RESET, CITY OF TORONTO COMPLIANT
(1) **CM-AF501SO** Single gang LED annunciator w/ adjustable sounder 'ASSISTANCE REQUESTED' (1) **CM-AF141SO** Single Gang LED Dome Light with sounder
(1) **CM-SE21A** English, solid white 'EMERGENCY' sign
(1) **CM-LRS24** 24V Latching Relay Assembly for EM Call System using momentary 'Press For Emergency Assistance' switches
(1) **CM-8010R/13** momentary, 'Press for Reset' 1" red push button; For use with momentary 'Press For Emergency Assistance' switches (extra)
(1) **60-68B010** Ribbon Switch, 33.5" Vertical, "Press For Emergency Assistance" Red Lettering on White background
Add suffix 'F' for French, 'FE' for bilingual, 'SP' for Spanish

RIBBON SWITCH

CX-WEC-12TS

CX-WEC13

UNIVERSAL EMERGENCY CALL KIT, WITH KEY SWITCH RESET
(1) **CM-AF501SO** Single gang LED annunciator w/ adjustable sounder 'ASSISTANCE REQUESTED'
(1) **CM-AF141SO** Single Gang LED Dome Light with sounder
(1) **CM-SE21A** English, solid white 'EMERGENCY' sign
(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)
Add suffix 'F' for French, 'FE' for bilingual, 'SP' for Spanish

CX-WEC13

CX-WEC SERIES: EMERGENCY CALL SYSTEMS FOR UNIVERSAL RESTROOMS

CM-450R/12   **CM-AF501SO**

CM-AF540SO

CM-AF141SO   **CM-AF142SO**

CM-LRS12

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

CM-SE21A

CM-SF20A

| EMERGENCY CALL - COMPONENTS	
CM-450R/12	Mushroom Push button, single gang, stainless steel faceplate, push/pull, 'PRESS FOR EMERGENCY ASSISTANCE'
	For extra contacts to connect additional notification devices or systems, order CM-4000/60N (N/O) or CM-4000/61N (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' for French, 'FE' for bilingual, 'SP' for Spanish
CM-AF141SO	Single Gang LED Dome Light with adjustable sounder. Add suffix 'F' for French, 'FE' for bilingual, 'SP' for Spanish
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-8010R/13	Vandal Resistant 1" Red Push Button, Single Gang Aluminum, N/C Momentary with 'PRESS TO RESET' text
EMERGENCY CALL - OPTIONAL SIGNAGE	
CM-SE21A	English solid white sign, 6" x 10-5/8" (152mm x 270mm). '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'
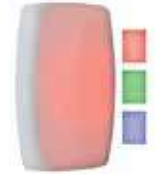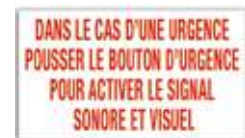
CX-PS150UL: POWER SUPPLY

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

Listed
UL 294
ULC S533

Listed
ULC S533
ULC 60839-11-1

Features

- UL 294 and ULC S533 listed
- Latching fire alarm tie-in with reset
- 12 or 24 VDC selectable 1.7 Amp output
- 12 or 24 VDC 200mA auxiliary output
- AC and DC power and status indicators
- Short circuit and terminal protection
- Battery charger (500mA)
- 120 VAC power input
- Metal enclosure accommodates (1) 4 Ah battery (not included)
- 3 year warranty

Specifications

Voltage:	120 VAC
Output Voltage:	12/24 VDC
Output Power:	1.7 A, 500mA Battery Charger
Output Protection:	Short Circuit Protection
Enclosure Accommodates:	(1) 4 Ah Battery
Dimensions:	9-1/8"H x 8"W x 3-1/2"D (231mm x 203mm x 89mm)

MODEL

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

CX-PS300UL / PS600UL: POWER SUPPLIES

Listed
UL 294
ULC S533

Listed
ULC S533
ULC 60839-11-1

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

CX-PS300UL

CX-PS600UL

Features

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

Specifications

Voltage:	120/240 VAC
Output Voltage:	12/24 VDC
Output Power:	**CX-PS300UL:** (4) 3 Amps, 1.5 Amp Battery Charger **CX-PS600UL:** (8) 6 Amps, 1.5 Amp Battery Charger
Charger Output Protection:	Short Circuit Protection
Battery Charger Monitor:	Battery Load Test Every 48hrs
Enclosure Accommodates:	2 x 12 VDC / 12 Ah Batteries
Dimensions:	17-1/2"H x 13"W x 4-5/16"D (445mm x 330mm x 110mm)

MODELS

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

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	
• Standard and panel mount models	• Fused model for additional circuit protection

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

Specifications

Input Voltage:	120 VAC 60 MHz.
Output Voltage:	12 / 24 VAC

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

CX-TRN-2024   *CX-TRX-2012*   *CX-TRX-5024*   *CX-5024*

DOOR ACTIVATION DEVICES

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

UL 294 Compliant

Intertek

ADA Compliant

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

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

CM-30E

Features

- 'C' and 'U' models offer the largest selection of insert labels (see info below for labels included)
- UL 294 & UL 61058-1 compliant, meets NFPA requirements
- SPDT 10 Amp. momentary contacts

- Economical high visibility 2" square illuminated button
- Industrial grade stainless steel faceplate
- 12/24 VDC with LED bulb
- 3 year 'Camden Tough' warranty

Specifications

Voltage:	12/24 VDC
Contact Type:	SPDT Form 'C'
Contact Rating:	10 Amps @ 30 VDC
Switch Type:	Momentary
Current Draw:	LED Bulb: 14mA
Std. Finish:	US32 / C32D
Dimensions:	**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) Wheelchair 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) Wheelchair Symbol

'ECONOMICAL' ONE LABEL SWITCH

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

SWITCH WITH FIXED 30 SECOND TIMER

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

SWITCH WITH ADJUSTABLE 30 SECOND TIMER

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

OPTIONAL CONTACT

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

EXIT	SORTIE	EXIT	SORTIE
EXIT SORTIE	POUSSEZ POUR SORTIR	PUSH TO EXIT	ALARM ARMED
OCCUPIED WHEN LIT	OCCUPIED OCCUPÉ	POUSSEZ POUR SORTIR	PUSH TO LOCK LOCKED WHEN LIT
PUSH TO OPEN	PUSH TO EXIT	♿	

CM-30C

EXIT	SALIDA	EXIT	PUSH TO EXIT
EMPUJAR PARA SALIR	OCCUPIED WHEN LIT	SALIDA	EMPUJAR PARA SALIR
PUSH TO OPEN	PUSH TO LOCK	ALARM ARMED	PUSH TO LOCK LOCKED WHEN LIT
♿	PUSH TO EXIT		

CM-30U

CM-300 / 310 SERIES: RECTANGULAR LED ILLUMINATED SWITCHES

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

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

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

CM-300RPTE   *CM-310RE*

CM-300GPTE   *CM-310GE*

Features

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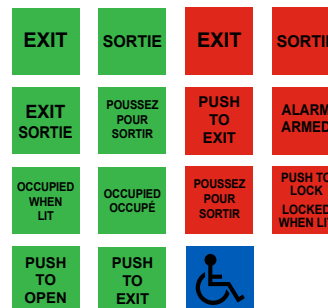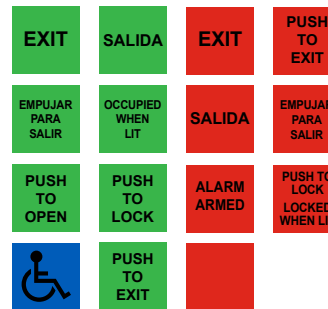- 3 year 'Camden Tough' warranty with '2 for 1' replacement

SINGLE GANG FACEPLATE

CM-300	2" LED Illuminated Green 'PUSH TO EXIT' button with fixed 30 second timer, in-wall mounting box included
CM-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 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
CM-xx/3	*CM-xx/3F*	*CM-xx/3SP*	*CM-xx/8*	*CM-xx/E*	*CM-xx/S*	*CM-xx/SA*

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

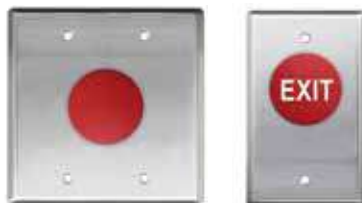|	
CM-xx/R	Add suffix '**R**' to model number for red button
CM-xx/G	Add suffix '**G**' to model number for green button

WWW.CAMDENCONTROLS.COM

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 a stainless steel sign, placed above switch.

* ETL UL 294 Compliant — Intertek   UL Listed Components

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-450R	Push / pull, N/O & N/C stainless steel faceplate, maintained, red only
CM-450RL-7724-CPC	1-5/8" red mushroom 'Lockdown' push button, maintained, push / pull, with N/O & N/C contacts, heavy duty single gang stainless steel faceplate, red flashing 1/2" 24V LED and vandal resistant clear plastic lift cover
NARROW FACEPLATE	
CM-400N	N/O contact, plain faceplate
CM-410N	N/C contact, plain faceplate
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
CM-450W	Push / pull, N/O & N/C stainless steel faceplate, maintained, red only

Specifications

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-xx/R	Add suffix '**R**' for red button
CM-xx/G	Add suffix '**G**' for green button
CM-xx/B	Add suffix '**B**' for blue button

OPTIONS (Add suffix to model above)	
Faceplate Graphic Options (Note: All faceplate graphics are black)	**Button Graphic Options** (Note: All button text is white)

Faceplate Graphic Options:

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

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

Button Graphic Options:

EXIT	EXIT SORTIE	SORTIE
CM-xx/E	CM-xx/ES	CM-xx/S

♿	SALIDA	EXIT SALIDA
CM-xx/H	CM-xx/SA	CM-xx/ESA

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-3030G/8   *CM-3100R*

Features

- 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 button, N/O & N/C, Maintained

NARROW FACEPLATE

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

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-xx/R	Add suffix '**R**' for red button
CM-xx/G	Add suffix '**G**' for green button

OPTIONS (Add suffix to model above)

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

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

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

EXIT *CM-xx/E*	EXIT SORTIE *CM-xx/ES*	SORTIE *CM-xx/S*
CM-xx/H	SALIDA *CM-xx/SA*	EXIT SALIDA *CM-xx/ESA*

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.

*

UL Listed Components

ETL Intertek — UL 294 Compliant

ADA Compliant
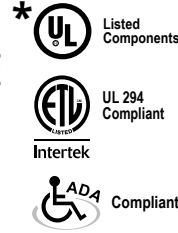
CM-4000RE

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

Specifications

Contact Type:	**CM-4000/4100:** N/O SPST
	CM-4010/4110: N/C SPST
	CM-4020/4120: N/O & N/C DPST
	CM-4085/4185: N/O & N/C DPST Form Z with Pneumatic Timer
	CM-4030/4130: N/O SPST
	CM-4040/4140: N/C SPST
	CM-4050/4150: N/O & N/C DPST
Switch Type:	Momentary / Pneumatic / Push-Pull
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-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-xx/R CM-xx/G CM-xx/B	Add suffix '**R**' for red button Add suffix '**G**' for green button Add suffix '**B**' for blue button

OPTIONS (Add suffix to model above)

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

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

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

EXIT	EXIT SORTIE	SORTIE
CM-xx/E	CM-xx/ES	CM-xx/S
(wheelchair symbol)	SALIDA	EXIT SALIDA
CM-xx/H	CM-xx/SA	CM-xx/ESA

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.

UL 294 Compliant

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 (CM-5085 Models)
- 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

Contact Type:	**CM-5000/CM-5030/CM-5060:** N/O SPST **CM-5010/CM-5040/CM-5070:** N/C SPST **CM-5020/CM-5050/CM-5080:** N/O & N/C DPST **CM-5085/CM-5085PTE:** N/O & N/C DPST Form Z with Pneumatic Timer
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 to model above)

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

EXIT *CM-xx/E*	**EXIT SORTIE** *CM-xx/ES*	**SORTIE** *CM-xx/S*
♿ *CM-xx/H*	**SALIDA** *CM-xx/SA*	**EXIT SALIDA** *CM-xx/ESA*

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-xx/R	Add suffix 'R' for red button
CM-xx/G	Add suffix 'G' for green button
CM-xx/B	Add suffix 'B' for blue button

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.

CM-6030

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

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

Specifications

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)

Crisis Response Demands the Best!

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

CM-450RL-7724-CPC (Page 50)

• 1-5/8" (40mm) Diameter Button

• Heavy Duty, 18 Gauge Stainless Steel Faceplate

• Vandal Resistant, Free-Spinning Push / Pull Button

• 1/2" Flashing Red 24V LED Light

• Vandal Resistant Clear Plastic Lift Cover

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

Listed Components

CM-7000 Series push / exit switches are vandal resistant, and designed and manufactured to meet the stringent demands of exit controls.

They are supplied with a 1/4" thick heavy duty brushed aluminum plate in single gang or narrow widths. Optional duranodic (US 40) finish also available. CM-7000 Series Recessed buttons are designed to limit accidental activation (not suitable for ADA applications) and to provide protection from vandalism.

CM-7000G/7   CM-7100R

Features

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

Specifications

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)

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

OPTIONS (Add suffix to model above)

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

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

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

CM-xx/E EXIT	CM-xx/S SORTIE	CM-xx/SA SALIDA

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-xx/R	Add suffix 'R' to model number for red button
CM-xx/G	Add suffix 'G' to model number for green button

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DOOR ACTIVATION DEVICES

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

UL Listed Components

ADA Compliant

CM-8000 and CM-8100 Series exit switches are vandal resistant; designed and manufactured to meet the stringent demands of exit controls. They are supplied with a 1/4" thick heavy duty brushed aluminum plate in single gang and narrow widths.

CM-8000RE   *CM-8100G*

Features

- 1" (25mm) diameter, extended red or green buttons
- Mounted on heavy 1/4" (6mm) thick aluminum plate
- Indoor or outdoor applications

- Spring return operation
- Pneumatic time delay models available
- 3 year 'Camden Tough' warranty with '2 for 1' replacement

Specifications

Contact Type:	**CM-8000/8100:** N/O SPST
	CM-8010/8110: N/C SPST
	CM-8020/8120: N/O & N/C DPST
	CM-8085/8185: N/O & N/C DPST Form Z with Pneumatic Timer
Contact Rating:	6A @ 30 VDC
Switch Type:	Momentary
Std. Finish:	Brushed Aluminum
Dimensions:	**CM-8000/8010/8020:** 4-1/2"H x 2-3/4"W x 1-3/4"D (144mm x 74mm x 44mm)
	CM-8100/8110/8120: 4-1/2"H x 1-3/4"W x 1-3/4"D (144mm x 44mm x 44mm)
	CM-8085: 4-1/2"H x 2-3/4"W x 2-1/4"D (114mm x 70mm x 57mm)
	CM-8185: 4-1/2"H x 1-3/4"W x 2-1/4"D (114mm x 45mm x 57mm)

EXTENDED BUTTON, SINGLE GANG FACEPLATE
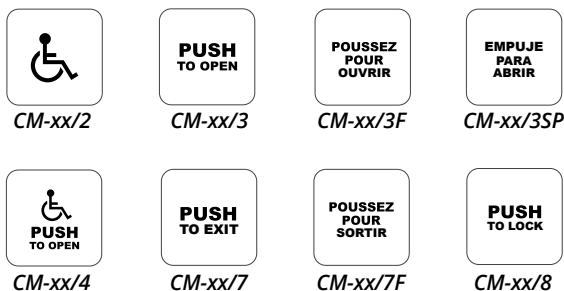
CM-8000	Spring return, N/O, Momentary
CM-8010	Spring return, N/C, Momentary
CM-8020	Spring return, N/O & N/C, Momentary
CM-8085	Spring return, DPST 1 - 60 second pneumatic time delay

EXTENDED BUTTON, NARROW FACEPLATE

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

OPTIONS (Add suffix to model above)

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

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

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

CM-xx/E EXIT	CM-xx/S SORTIE	CM-xx/SA SALIDA

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-xx/R	Add suffix 'R' to model number for red button
CM-xx/G	Add suffix 'G' to model number for green button

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

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

Features

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

SINGLE GANG FACEPLATE	
CM-9080	DPDT Momentary
CM-9080PTE	DPDT Momentary, 'PUSH TO EXIT'
CM-9090	DPDT Maintained

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

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

OPTIONS (Add suffix to model above)

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

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

CM-9080PTE   CM-9180

CM-9080/3F   CM-9180PTE

Specifications

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)

LIFETIME WARRANTY

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	

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

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

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

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) **Narrow / Jamb:** 4-1/2"H x 1-3/4"W x 1-1/2"D (114mm x 45mm x 38mm)

LIFETIME WARRANTY

OPTIONS (Add suffix 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
CM-xx/3	CM-xx/3F	CM-xx/3SP	CM-xx/7	CM-xx/7F	CM-xx/8

EXIT

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

RoHS COMPLIANT

CM-9700 and CM-9710 Series surface mount piezo electric 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) **Narrow / Jamb:** 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 / JAMB FACEPLATE

CM-9710U	Switch with 3 English and Spanish labels ('PUSH TO EXIT', 'EMPUJE PARA ABRIR', wheelchair symbol)
CM-9710C	Switch with 3 English and French labels ('PUSH TO EXIT', 'POUSSEZ POUR SORTIR', wheelchair symbol)

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.

LIFETIME WARRANTY

CM-9700U

CM-9700C

CM-9710U

CM-9710C

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

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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
- 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 Temp:	- 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)

CM-850: ROCKER SWITCH

CM-850 remote door release (rocker) switch is made for surface mount applications, and is Ideal for under desk or wall mounting in reception areas. This surface mount rocker switch can be used for unlocking a door for visitors or as a signaling device in a panic situation.

Its form 'C' contacts can be easily field configurable for either momentary (default) or maintained operation. The large actuator provides positive feedback to the successful activation of the switch. The neutral beige finish blends well with most typical office environments.

CM-850

Features

- Economical Control of Door Lock or Signal Appliance
- Momentary or Maintained Operation
- SPDT Configuration
- Easily Mounts Under Counters or Desks
- 3 Year Warranty

MODELS

CM-850	Momentary or Maintained, Beige Plastic Case

Specifications

Contact Rating:	10A @ 30 VDC
Configuration:	Momentary - SPDT (Common, N.C., N.O.) Maintained - SPDT (Common, N.C., N.O.)
Dimensions:	2-3/8"H x 2-3/8"W x 5/8"D (60mm x 60mm x 17mm)

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 tamper proof 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
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-4000/20N	Blue mushroom (1-5/8"), Spring Return	CM-8000/10N	Red, round extended (1")
CM-4000/30N	Green mushroom (1-5/8"), Spring Return	CM-8000/30N	Green, round extended (1")
CM-5000/10N	Red mushroom (2-3/8"), Spring Return	CM-9000/10N	Steel flush (7/8") momentary
CM-5000/15N	Red mushroom (2-3/8"), Push/Pull	CM-9000/15N	Steel flush (7/8") maintained
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 Series

CM-7000 Series

CM-8000 Series

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ACTIVE INFRARED HANDS-FREE SWITCHES

RoHS COMPLIANT

ADA Compliant

SureWave™ touchless switches include exclusive features, including an extended range (up to 6 ft.), the option for wireless or hybrid wireless / wired operation and 'short range' activation designed to reduce false activation from highly reflective surfaces! CM-333 and CM-336 models are supplied with (2) 'AA' alkaline batteries.

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

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 64 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-331: WIRED, 1 RELAY

Features

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

MODEL

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

NOTE: See page 64 for faceplate, graphic and light ring options

Specifications

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

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CM-332: WIRED, 2 RELAY

Features

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

MODEL

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

NOTE: See page 64 for faceplate, graphic and light ring options

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: HYBRID, BATTERY POWERED, 1 RELAY

Features	
• Ideal for retrofit applications using existing wires (only 2 conductors) • Long battery life using standard Alkaline batteries	• Standard operating range, 1" - 12" • Adjustable time delay 1 - 30 seconds • Input for Request to Exit or Door Contact • Fail Safe / Non-Fail Safe operation

MODEL	
CM-333	Hands-free switch, battery powered, 1 relay. No option for light ring

NOTE: See page 64 for faceplate, graphic and light ring options

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
Input:	Request to Exit or Door Contact
Operating Modes:	Momentary, Momentary with Alarm, Maintained (Latching)

CM-336: BATTERY POWERED, WIRELESS

Features	
• Ideal where switch is difficult / expensive to wire • Industry-leading 4 year battery life using standard Alkaline batteries	• Low battery & battery test features • Standard operating range, 1" - 12" • Requires CM-RX-90/91/92 wireless receiver • Input for Request to Exit or Door Contact

MODEL	
CM-336	Hands-free switch, wireless. No option for light ring

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

NOTE: See page 64 for faceplate, graphic and light ring options

Specifications

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

CM-SK336/42S

2 pieces

2 pieces

1 piece

CM-324: 'ORIGINAL' MODEL

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

MODEL	
CM-324	'Original' Hands-free switch, wired, with 1 relay. No option for light ring.

NOTE: See page 64 for faceplate, graphic and light ring options

Specifications

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

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CM-325: 'SHORT RANGE' MODEL

Features	

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

MODEL	
CM-325	'Short Range' Hands-free switch, wired, with 1 relay. No option for light ring.

Specifications

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

ALL HANDS-FREE SWITCH MODEL OPTIONS

OPTIONS	
NOTE: Unless specified, single gang polycarbonate faceplate will be supplied.	
Faceplate Material	
CM-xx/S	Single Gang Stainless Steel Faceplate. 2-3/4 W" x 4-1/4 H"
Faceplate Size Options - No Illumination	
CM-xx/N	Narrow Faceplate. Rubber gasket supplied. CM-324, 325, 331 & 332 Series narrow switches are compatible with CM-23D narrow jamb surface box. CM-336 Series narrow switches and CM-331, 332 & 336 Series narrow switches with optional CM-TX-99 plug-in wireless transmitter require CM-23DSER 1-7/8" deep surface box. 1-3/4 W" x 4-1/2 H"
CM-xx/W	Double Gang Faceplate. Rubber gasket supplied for weather/water resistant applications. Compatible surface mounting box CM-43CBLA. 4-1/2 W" x 4-1/2 H"
CM-xx/R	6" Round Stainless Steel Faceplate. Mounts on single gang in-wall box, CM-69SER surface round box or CM-79A semi-flush escutcheon. Not water resistant
Light Ring	
CM-xx-SGLR	Red / Green / Blue selectable. Supplied with stainless steel faceplate. Light ring option not available on battery powered SureWave™ (Only for CM-331 & CM-332)
Lithium Batteries	
CX-xxL1	Add suffix 'L1' for (2) 'AA' Lithium Batteries in place of (2) Alkaline
CM-LP1	'AA' lithium battery, pack of (2)
Wireless Options	
CM-TX-99	915MHz. plug-in transmitter for CM-331 & 332 series switches
CM-RX-90	Advanced, Compact Single Relay Receiver

Single Gang Stainless Steel (CM-xx/S)

Polycarbonate Single Gang (standard option)

Narrow (CM-xx/N)

Double Gang (CM-xx/W)

6" Round (CM-xx/R)

Single Gang Faceplate & Light Ring (SGLR)

FACEPLATE GRAPHIC OPTIONS (Add suffix to model above)

🖐	WAVE TO OPEN 🖐	WAVE TO OPEN ♿ 🖐	WAVE TO LOCK 🖐	🖐 ♿
CM-xx/40	*CM-xx/41*	*CM-xx/42*	*CM-xx/43*	*CM-xx/44*

NOTE: FE Bilingual options available for stainless steel faceplates only

Configured SureWave™ Switch Model Numbers (Sequence of Options / Characters)

CM-331/41SW-SGLR-SB

           Optional Architectural Finish (SS only)

         Optional Light Ring

       Optional Narrow, Double Gang or 6Ó Round

     Optional Stainless Steel

    Graphic Option (Required)

Base Model (Required)

MOUNTING BOXES

COMPATIBLE SUREWAVE™ MOUNTING BOXES

CM-23D	Narrow (Jamb) width surface box, ABS, 1-3/4"W x 4-1/2"H x 1-1/2"D. Not compatible with CM-333 or CM-336 SureWave™ battery powered touchless switches
CM-23DSER	Narrow (Jamb) width surface mount box with 3/8" extension ring, ABS, 1-3/4"W x 4-5/8"H x 2-1/16"D. For use with CM-333 & CM-336 SureWave™ switches
CM-34BL	Single gang surface box, ABS, 2-3/4"W x 4-1/2"H x 1-3/4"D
CM-43CBLA	Double gang surface mounting box, ABS, 4-1/2"W x 4-1/2"H x 2"D
CM-69SER	6" round surface box, ABS, 6-1/2"W x 2-5/8"D
CM-79AK	6" round semi-flush escutcheon, mounts to existing in-wall single/double gang or 4x4 boxes
CM-RH-SG	Stainless steel, single gang rain hood
CM-RH-DG	Stainless steel, double gang rain hood

SUREWAVE™ / VALUEWAVE™ SURFACE MOUNTING BOX CONVERSION KITS

CM-54i-ADP1	Aura™ CM-54i or CM-55i box conversion to accept SureWave™ double gang switch
CM-43CBL-ADP1	CM-43CBL box conversion to accept SureWave™ double gang switch
CM-43CBL-ADP2	CM-43CBL box conversion to accept ValueWave™ double gang switch
CM-43LP-ADP1	CM-43LP box conversion to accept ValueWave™ double gang switch

CM-23D   *CM-23DSER*

CM-34BL   *CM-43CBLA*

CM-79AK   *CM-69SER*

CM-RH-SG   *CM-RH-DG*

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

ValueWave™ 12/24 VDC touchless switches with 1 relay are IP65 rated for indoor or outdoor use, and are ideal for use in automatic door or access control systems. These no-touch switches are designed for easy installation and trouble-free service in high traffic applications.

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

Compliant (RoHS COMPLIANT / ADA)

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

NEW OVERRIDE OPTION!

MODELS (RED/GREEN ILLUMINATION)

'WAVE TO OPEN' ValueWave™ CM-221 Graphics	
CM-221/A42	Single Gang, Compatible Surface Mounting Box CM-34BL
CM-221/A42N	Narrow (Jamb), Compatible Surface Mounting Box CM-23D
CM-221/A42W	Double Gang, Compatible Surface Mounting Box CM-53

'WAVE TO EXIT' ValueWave™ CM-221 Graphics	
CM-221/46	Single Gang, Compatible Surface Mounting Box CM-34BL
CM-221/46N	Narrow (Jamb), Compatible Surface Mounting Box CM-23D
CM-221/46W	Double Gang, Compatible Surface Mounting Box CM-53

'WAVE TO EXIT' ValueWave™ with Manual 'Override' CM-221 Graphics	
CM-221M/46	Switch w/ Manual 'Override', Single Gang, Comp. Surface Mounting Box CM-34BL
CM-221M/46N	Switch w/ Manual 'Override', Narrow (Jamb), Comp. Surface Mounting Box CM-23D

MODELS (BLUE/GREEN ILLUMINATION)

'WAVE TO OPEN' ValueWave™ CM-222 Graphics	
CM-222/A42	Single Gang, Compatible Surface Mounting Box CM-34BL
CM-222/A42N	Narrow (Jamb), Compatible Surface Mounting Box CM-23D
CM-222/A42W	Double Gang, Compatible Surface Mounting Box CM-53

'WAVE TO EXIT' ValueWave™ CM-222 Graphics	
CM-222/46	Single Gang, Compatible Surface Mounting Box CM-34BL
CM-222/46N	Narrow (Jamb), Compatible Surface Mounting Box CM-23D
CM-222/46W	Double Gang, Compatible Surface Mounting Box CM-53

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

Specifications

Voltage:	- 12 - 24 VDC ± 10% - Filtered, regulated DC power supply required - Connection of AC/DC voltage above specified range will void product warranty
Current:	45 mA (peak)
Response Time:	10ms
Temp Range:	14°F to 122°F (-10°C to +50°C)
Contact Rating:	**CM-221M (PIR / Pushbutton):** 1A @ 30 VDC
Contacts:	**CM-221M:** Common / N.O. / N.C.
Dimensions:	**Narrow:** 1 3/4" W x 4 1/2" H x 1 1/4" D (43 mm x 114 mm x 31 mm) **Single Gang:** 2 3/4" W x 4 1/2" H x 1 1/4" D (70 mm x 114 mm x 31 mm) **Double Gang:** 4 1/2" W x 4 1/2" H x 1 1/4" D (114 mm x 114 mm x 31 mm)

Faceplate Graphic Options

WAVE TO OPEN — CM-xx/A42

WAVE TO EXIT — CM-xx/46

HANDS-FREE SWITCH SELECTION CHART

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

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

CM-701U

CM-701SO-PC

'UNIVERSAL' BLUE PULL STATIONS	
CM-701U	(1) 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) 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) N/C + (1) 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-xx-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 — CAMDEN DOOR CONTROLS

PULL FOR EMERGENCY DOOR RELEASE — CAMDEN DOOR CONTROLS

PULL IN CASE OF EMERGENCY — CAMDEN DOOR CONTROLS

PULL IN CASE OF EMERGENCY   TIRER EN CAS D'URGENCE — CAMDEN DOOR CONTROLS

JALE EN CASO DE EMERGENCIA — CAMDEN DOOR CONTROLS

DOOR ACTIVATION DEVICES

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

CM-RQE70 Series PIR 'Request to Exit' detectors provide the latest word in design, with a complete list of "high performance" features, including secondary activation device input, door monitoring, two relay outputs, and tamper alarm. Many new programming, installation, and set-up features that have never previously been available.

Features

- Compact size, designed to mount on door frames
- Easy to use on-board programming buttons. No dip switches
- (4) factory default operating modes, with the ability to customize mode attributes
- On-board wiring terminal models
- Momentary and latching relay modes
- Selectable Fail Safe / Fail Secure
- (2) Form 'C' contacts (DPDT)
- Secondary activation device input
- Card/keypad input
- Door position switch input
- Request to exit input
- Built-in sounder (adjustable)
- Tamper switch

MODELS

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

CM-RQE70A *(Shown with CM-RQEPW adaptor plate)*
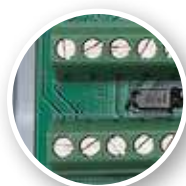
On-Board Wiring Terminal   **Programming Buttons with Factory Default Modes**   **Sized to Fit Door Frames**

Specifications

Voltage:	12/24 VDC operation
Current Draw:	50mA (max)
Relays:	2 x 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:	92 @ 10cm dB.
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)

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DOOR ACTIVATION DEVICES

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

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

- UL/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
  - '/A2' & '/A4' Graphic options only
  - Aluminum faceplate

CM-25/2   CM-26CB/A4

CM-25H/2

CM-35/4   CM-35N/4

NARROW JAMB	
CM-25	1-3/4" Width, Narrow switch, vertical mounting, brushed stainless steel finish
CM-25H	1-3/4" Width, Narrow switch, horizontal mounting, brushed stainless steel finish

NARROW BLUE JAMB	
CM-26CB	1-3/4" Width Narrow switch, blue with white graphics, exposed screws. White Graphic Options: '/A2' & '/A4' only. No optional finishes.

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

NO-BATTERY KINETIC BY CAMDEN™ WIRELESS NARROW & SINGLE GANG SWITCHES with built-in transmitter. Receiver required.	
CM-25K	1-3/4" Width, Narrow push plate switch, vertical mounting, brushed stainless steel finish
CM-25HK	1-3/4" Width, Narrow push plate switch, horizontal mounting, brushed stainless steel finish
CM-26CBK	1-3/4" Width, Narrow push plate switch, blue with white graphics, exposed screws. Graphic Options: '/A2', & '/A4' only. No optional finishes.
CM-35K	2" Width Narrow push plate switch, single gang back plate brushed stainless steel finish
CM-35NK	2" Width Narrow push plate switch, vertical mounting, brushed stainless steel finish

Specifications

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)

OPTIONS (Add suffix to model above)

Faceplate Graphic Options (✱ White paint on CM-26CB model)

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

Architectural Finishes (Only available with CM-25 - /1, /2, /3, /4 & CM-35 - /2, /4, /8 graphic options)		Water Tight Option
CM-xx-AB Antique Brass	CM-xx-OB Oil Rub Bronze	CM-xx-WT Boot & watertight coating
CM-xx-SB Satin Brass	CM-xx-PB Polished Brass	

DOOR ACTIVATION DEVICES

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

KINETIC VERSIONS AVAILABLE

Listed Components

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

ROUND SWITCHES

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

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

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

Specifications

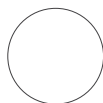|	
Contact Rating:	15A @ 30 VDC
Contact Type:	SPDT Form 'C'
Mounting:	**CM-40/41:** Single Gang **CM-60:** Single/Double Gang or 4 x 4
Switch Type:	Momentary
Std. Finish:	US32 / 630
Dimensions:	**CM-40:** 4-1/2" Diameter x 1-3/4"D (114mm x 44mm) **CM-41:** 4-1/2"H x 4-1/2"W x 1-3/4"D (114mm x 114mm x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

OPTIONS (Add suffix to model above)

Faceplate Graphic Options

CM-xx/1   CM-xx/2   CM-xx/A2   CM-xx/2AL   CM-xx/2AR   CM-xx/3   CM-xx/3F   CM-xx/4

CM-xx/A4   CM-xx/4AL   CM-xx/4AR   CM-xx/4F   CM-xx/4FE   CM-xx/8   CM-xx/8B   CM-xx/8F   CM-xx/8D

Architectural Finishes (Only available with /1, /2, /3, /4 graphic options)		Water Tight Option	Contact Option
CM-xx-AB Antique Brass	CM-xx-OB Oil Rub Bronze	CM-xx-WT Boot & watertight coating	CM-xx-DP DPDT switch instead of SPDT
CM-xx-SB Satin Brass	CM-xx-PB Polished Brass		

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

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

SQUARE SWITCHES

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

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

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

Specifications

Contact Rating:	15A @ 30 VDC
Contact Type:	SPDT Form 'C'
Mounting:	Single or Double Gang
Switch Type:	Momentary
Std. Finish:	**CM-45/46:** US32 / 630 **CM-46CB:** Paint
Dimensions:	**CM-45/46/46CB:** 4-1/2"H x 4-1/2"W x 1-1/4"D (114mm x 114mm x 32mm)

OPTIONS (Add suffix to model above)

Faceplate Graphic Options (***** Black graphics on CM-46 series only)

CM-xx/1	CM-xx/2	CM-xx/2AL	CM-xx/2AR	* CM-xx/A2	CM-xx/3	CM-xx/3F	CM-xx/4

CM-xx/4F	CM-xx/4FE	CM-xx/4AL	CM-xx/4AR	CM-xx/A4	CM-xx/8	CM-xx/8B	CM-xx/8D	CM-xx/8F

Architectural Finishes (Only available with CM-45 /1, /2, /3, /4, /8 graphic options)		Water Tight Option	Contact Option
CM-xx-AB Antique Brass	CM-xx-OB Oil Rub Bronze	CM-xx-WT Boot & watertight coating	CM-xx-DP DPDT switch instead of SPDT
CM-xx-SB Satin Brass	CM-xx-PB Polished Brass		

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

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

Listed Components (UL)

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

CM-2510/3

DOUBLE GANG SWITCHES

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

NO BATTERY KINETIC BY CAMDEN™ DOUBLE GANG SWITCHES
with built-in transmitters. Receiver required.

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

CM-2520/4

OPTIONS (Add suffix to model above)

Faceplate Graphic Options

CM-xx/1	CM-xx/2	CM-xx/A2	CM-xx/3	CM-xx/3F

CM-xx/4	CM-xx/4F	CM-xx/A4	CM-xx/48

CM-2520/48

Specifications

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)

Mortise Cylinders

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

Water Tight Option

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

Architectural Finishes (Only available with CM-2510 - /2, /4, /8 and CM-2520/48 graphic options)

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

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

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 75 for faceplate graphic options and suffix to replace "x" in above models

Listed Components

ADA Compliant

RoHS COMPLIANT

CM-45/454   *CM-45/455*

CM-40/457

Specifications

Voltage:	12/24V 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™ RESTROOM CONTROL SIGNS

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

/SE1	English, for CM-54 Square Surface box. Double sided. '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'

CM-54 Sign
Switch not included

CM-55 Sign
Switch not included

Faceplate Graphic Options

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

Lazerpoint™ 915MHz. Wireless Door Control

CM-TX-9	Wall Switch Transmitter

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

CM-57 Sign
Switch not included

DOOR ACTIVATION DEVICES

C⎪⎪⎪UMN™ PUSH PLATE COLUMN™ SWITCHES

CM-74 & CM-75 Series *Column™ switches offer greater user convenience and lower installation costs by providing a single activation device in place of two high/low switches, as required by a growing number of building codes across North America. These Column™ switches feature solid aluminum or stainless steel construction and are available in a range of finishes.*

Also available is the option for Kinetic by Camden™ no-battery wireless or Lazerpoint™ battery-powered wireless transmitters. The VR Series Column™ switches with hands-free sensors use active infra-red technology to eliminate the spread of germs.

See options for switch graphics, architectural finishes and battery powered wireless transmitter on Page 78.

**RoHS COMPLIANT** **UL Listed Components** **ADA Compliant**

Anodized Finishes:

Bronze
Black
Blue

CM-7436/4   CM-7536VR/4   CM-7536SS/4

Features

- 6" wide CM-7536 switches & 4" wide CM-7436 switches available with a large selection of graphic options
- Adjustable leveling screws for easy installation on uneven walls
- Meets or exceeds state and provincial building code requirements

CM-7536VR / 7436VR:
- Red / green light ring
  Adjustable sensor range 2" to 8" (5cm to 20cm)
- Adjustable sensor time delay (0.5sec to 20sec.)
- Weather / water resistant sensor

NEW CSA-COMPLIANT 75MM WIDE ACTIVATION PLATE COMING SOON!

Top Load

CM-74 & CM-75 Series Column™ switches are assembled by inserting the actuation 'bar' vertically into the switch. This prohibits the installation of any device/obstruction above the switch, that will prevent access.

MODELS

Wired Manual Switches

CM-7436	36" x 4" Column™ aluminum push plate switch, anodized clear finish
CM-7536	36" x 6" Column™ aluminum push plate switch, anodized clear finish
CM-7536SS	36"x 6" Column™ stainless steel push plate switch, brushed stainless steel finish

Wired Manual Switches With Hands-Free Sensor

CM-7436VR	36" x 4" Column™ aluminum push plate switch with hands-free sensor, anodized clear finish
CM-7536VR	36" x 6" Column™ aluminum push plate switch with hands-free sensor, anodized clear finish
CM-7536SSVR	36" x 6" Column™ stainless steel push plate switch with hands-free sensor, brushed stainless steel finish

Kinetic By Camden™ No Battery Wireless Switches With Transmitter

CM-7436K	36" x 4" Column™ aluminum push plate switch, anodized clear finish with built-in Kinetic no-battery wireless transmitter, receiver required
CM-7536K	36" x 6" Column™ aluminum push plate switch, anodized clear finish with built-in Kinetic no-battery wireless transmitter, receiver required
CM-7536SSK	36" x 6" Column™ stainless steel push plate switch, brushed stainless steel finish with built-in Kinetic no-battery wireless transmitter, receiver required

Surface Mounting Boxes

CM-75SB	Surface Box for CM-75 Series. Powder coated gray, 16-gauge steel
CM-75SB-BK	Surface Box for CM-75 Series. Powder coated black, 16-gauge steel

Specifications

Voltage:	**CM-7436 / 7536:** N/A **CM-7436VR / 8536VR:** 12-24VDC +/- 10%
Contact Type:	**CM-7436 / 7536:** SPDT Momentary, Form 'C' **CM-7536VR:** Common / N.O. / N.C. *Optional DPDT Switch. DPDT switches not available. Use Camden CX-IRB relay if required.*
Contact Rating:	**CM-7436 / 7536:** 15 Amps @ 30 VDC **CM-7436VR / 7536VR:** 1 Amp @ 30 VDC
Finishes:	- Clear Aluminum (BHMA 628, US28) - Dark Bronze (BHMA 690, US40) - Black (BHMA 711) - Blue (Anodized) - Brushed Stainless Steel (US32 / 630) (CM-7536 Only)
Dimensions:	**CM-7436:** 4-1/2"W x 037-1/2"H x 1-5/8"D (114mm x 953mm x 38mm) **CM-7436VR:** 4-1/2"W x 37-1/2"H x 1-3/4"D (114mm x 953mm x 44mm) **CM-7536:** 5-7/8"W x 37-1/2"H x 1-1/2"D (150mm x 953mm x 38mm) **CM-7536K:** 5-7/8"W x 37-1/2"H x 1-1/2"D (150mm x 953mm x 38mm) **CM-7536VR:** 5-7/8"W x 37-1/2"H x 1-3/4"D (150mm x 953mm x 44mm)

DOOR ACTIVATION DEVICES

SIDE LOAD PUSH PLATE COLUMN™ SWITCHES

COLUMN™

RoHS COMPLIANT   Listed Components   ADA Compliant

Anodized Finishes:

Bronze

Black

Blue

CM-84 & CM-85 Series *"Side Load" Column™ switches with 75mm wide activation plate offer greater user convenience and lower installation costs by providing a single activation device in place of two high / low switches, as required by a growing number of building codes across North America. These Column™ switches feature solid aluminum or stainless steel construction and are available in a range of finishes.*

Also available is the option for Kinetic by Camden™ no-battery wireless or Lazerpoint™ battery-powered wireless transmitters. The VR Series Column™ switches with hands-free sensors use active infra-red technology to eliminate the spread of germs.

Deeper design accommodates DPDT switches and Kinetic switches. The sturdy backplate design allows column switches to be mounted to narrow curtain walls, or span lites of glass.

See options for switch graphics, architectural finishes and battery powered wireless transmitter on Page 78.

CM-8436/4   CM-8436VR/4   CM-8536/4

Side Load

WITH CSA-COMPLIANT 75MM WIDE ACTIVATION PLATE!
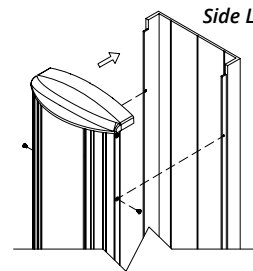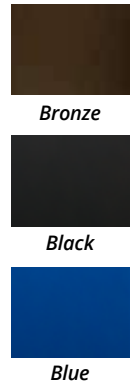
CM-8436 & CM-8536 Column™ switches are assembled by mounting the front face of the switch horizontally on to the back assembly, with 6 screws. This allows for the installation of a device/obstruction above the switch.

Features

• **4" wide CM-8436 switches & 6" wide** • **CM-8536 switches** • **Side load assembly designed for confined spaces** • **Meets or exceeds state and provincial building code requirements** • **Available with clear, bronze or blue anodized finishes**	**CM-8436VR / 8536VR:** • **Red/green light ring** **Adjustable sensor range 2" to 8" (5cm to 20cm)** • **Adjustable sensor time delay (0.5sec to 20sec.)** • **Weather/water resistant sensor**

MODELS

Wired Manual Switches	
CM-8436	36" x 4" Column™ aluminum push plate switch, anodized clear finish
CM-8536	36" x 6" Column™ aluminum push plate switch, anodized clear finish

Wired Manual Switches With Hands-Free Sensor	
CM-8436VR	36" x 4" Column™ aluminum push plate switch with hands-free sensor, anodized clear finish
CM-8536VR	36" x 6" Column™ aluminum push plate switch with hands-free sensor, anodized clear finish

Kinetic By Camden™ No Battery Wireless Switches With Transmitter	
CM-8436K	36" x 4" Column™ aluminum push plate switch, anodized clear finish with built-in Kinetic no-battery wireless transmitter, receiver required
CM-8536K	36" x 6" Column™ aluminum push plate switch, anodized clear finish with built-in Kinetic no-battery wireless transmitter, receiver required

Specifications

Voltage: **CM-8436 / 8536:** N/A
CM-8436VR / 7856VR: 12-24VDC +/- 10%

Contact Type: **CM-8436 / 8536:** SPDT Momentary, Form 'C'
CM-8436VR/8536VR: Common / N.O. / N.C.

Optional DPDT Switch. DPDT switches not available. Use Camden CX-IRB relay if required.

Contact Rating: **CM-8436 / 8536:** 15 Amps @ 30 VDC
CM-8436VR / 8536VR: 1 Amp @ 30 VDC

Finishes: - Clear Aluminum (BHMA 628, US28)
- Dark Bronze (BHMA 690, US40)
- Black (BHMA 711)
- Blue (Anodized)
- Brushed Stainless Steel (US32 / 630)
  (CM-8536 Only)

Dimensions: **CM-8436:** 4-1/2"W x 37-1/2"H x 2-1/4"D
(114mm x 953mm x 57mm)

CM-8436VR: 4-1/2"W x 37-1/2"H x 2-1/2"D
(114mm x 953mm x 63.5mm)

CM-8536: 5-7/8"W x 37-1/2"H x 2-1/4"D
(150mm x 953mm x 57mm)

CM-8536K: 5-7/8"W x 37-1/2"H x 2-1/4"D
(150mm x 953mm x 57mm)

CM-8536VR: 5-7/8"W x 37-1/2"H x 2-1/2"D
(150mm x 953mm x 63.5mm)

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PUSH PLATE COLUMN™ SWITCH OPTIONS

Architectural Finishes (Add suffix to model number for optional finish)	
CM-BRZ	Suffix '-BRZ' for anodized dark bronze finish (BHMA 710, 313AN)
CM-BLK	Suffix '-BLU' anodized black finish (BHMA 711)
CM-BLU	Suffix '-BLU' for anodized blue finish

Back Mounting Boxes for 36" Column Switches	
CM-75SB	Surface Box for CM-75 Series. Powder coated electrical gray, 16-gauge steel
CM-75SB-BK	Surface Box for CM-75 Series. Powder coated black, 16-gauge steel

FACEPLATE GRAPHIC OPTIONS (Add suffix to model number, Add suffix 'F' for French, 'FE' for bilingual, 'SP' for Spanish)

Stock Graphic Options

Special Order Graphic Options

Stock: CM-xx/1, CM-xx/2, CM-xx/A2, CM-xx/3, CM-xx/4, CM-xx/4F, CM-xx/4FE, CM-xx/A4, CM-xx/8B

Special: CM-xx/2AR, CM-xx/2AL, CM-xx/4AL, CM-xx/4AR, CM-xx/8C, CM-xx/20, CM-xx/20AL, CM-xx/20AR, CM-xx/40, CM-xx/80, CM-xx/A20, CM-xx/A40

Battery Powered Wireless Transmitter (Add suffix to model number for battery powered wireless transmitter)		List Price
-TX	(1) CM-TX-9 Lazerpoint™ wireless transmitter with alkaline battery pack, mounted in Column™ switch cap	$75.00
-TXL2	(1) CM-TX-9 Lazerpoint™ wireless transmitter with lithium battery pack, mounted in Column™ switch cap	$89.00
Wireless Receivers (Order Seperately)		
CM-RX-90	Kinetic by Camden™ and Lazerpoint™ compatible receiver	$90.00
CM-RX-91	Lazerpoint™ compatible single relay receiver	$90.00
CM-RX-92	Lazerpoint™ compatible dual relay receiver	$130.00

Water Tight Option		List Price
-WT	For boot & water tight coating	$120.00

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

RoHS COMPLIANT   **ADA Compliant**   **FCC**

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

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

KINETIC BY CAMDEN™ PUSH PLATE SWITCH SERIES MODELS

See product series catalog pages 70-73 & 76-77 for graphic options and ordering information.

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
CM-35K	2" Width narrow push plate switch, single gang back plate brushed stainless steel finish
CM-35NK	2" Width narrow push plate switch, vertical mounting, 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-7436K	36" Tall x 4.5" wide 'Top Load' push plate switch, anodized aluminum, black, dark bronze, & blue finish
CM-8436K	36" Tall x 4.5" wide 'Side Load' push plate switch, anodized aluminum, black, dark bronze, & blue finish
CM-7536K	36" Tall x 6" wide 'Top Load' push plate switch, anodized aluminum, black, dark bronze, & blue finish
CM-7536SSK	36" Long Column™ push plate switch anodized aluminum, stainless steel finish
CM-8536K	36" Tall x 6" wide 'Side Load' push plate switch, anodized aluminum, black, dark bronze, & blue finish
CM-2520K	Double gang vestibule push plate switch with /4AL, /4AR Graphics

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 Required

CM-RX-90

KINETIC BY CAMDEN™ RECEIVER See pg 82 for specifications	
CM-RX-90	Advanced, Compact Single Relay Receiver

KINETIC BY CAMDEN™: SWITCH KITS

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

Compliant

KINETIC BY CAMDEN™ SWITCH KIT MODELS		
CM-RFK35/4		(2) CM-35K/4 2" Narrow Switches, Wheelchair w/ Push to Open Text (2) CM-34BL Surface Mount Boxes (1) CM-RX-90 Receiver
CM-RFK40/4		(2) CM-40K/4 4-1/2" Round Switches, Wheelchair w/ Push to Open Text (2) CM-47SER Surface Mount Boxes (1) CM-RX-90 Receiver
CM-RFK45/4		(2) CM-45K 4-1/2" Square Switches, Wheelchair Symbol & Text (2) CM-43CBL Surface Mount Boxes (1) CM-RX-90 Receiver
CM-RFK46/4		(2) CM-46K 4-1/2" Square Switches, Wheelchair Symbol & Text (2) CM-43CBL Surface Mount Boxes (1) CM-RX-90 Receiver
CM-RFK46CB/4		(2) CM-46CBK 4-1/2" Square Switches, Wheelchair Symbol & Text (2) CM-43CBL Surface Mount Boxes (1) CM-RX-90 Receiver
CM-RFK60/4		(2) CM-60K/4 6" Round Switches, Wheelchair w/ Push to Open Text (2) CM-69SER Surface Mount Boxes (1) CM-RX-90 Receiver

Cut Your Installation Costs in Half!

900 MHz. No-Battery Wireless Door Control System

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

This wireless door control system is compatible with a wide variety of Camden push plate switches, including our Column™ switch collection.

LAZERPOINT™
BY CAMDEN

RoHS COMPLIANT | ADA Compliant | FC

915 MHZ. BATTERY POWERED WIRELESS DOOR CONTROL SYSTEM

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

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

Features

- Compatible with all auto door operators.

- Advanced 915MHz spread spectrum (broadband) wireless communications for outstanding range and performance.

- Multi-year battery life ('AAA' alkaline or lithium) and exclusive 'low battery' 'gas gauge' and 'stuck switch' audible alerts.

- CM-RX-90 advanced receiver, with 1 relay, 3 operating modes (delay, non-delay & latching). Ideal for vestibule applications.

- RX-92 receiver with 2 channels and 6 operating modes; saves time and avoids buying and installing additional components.

- 'PUSH AND LEARN' transmitter enrollment and signal strength indicators, makes Lazerpoint™ the easiest system to install.

- Ultra compact RX-90 receiver can be mounted in door operator cabinets.

- Compact ADA compliant 1, 2 and 4 button key FOBs.

- Innovative FOB base for wheelchair, visor, belt or wall mounting.

- Plug-in Lazerpoint™ wireless transmitter module for CM-120 digital keypads and Surewave™ hands free switches.

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-TX-99: Plug-in, power by device
CM-TXLF Series: CR2032 Lithium battery

Battery Life:
CM-TX-9: 500,000 cycles
CM-TXLF: 115,000 cycles

Status and Alarm Indicators:
CM-TX-9/TXLF:
Transmission confirmation, low battery, battery test and stuck switch
CM-RX-90/91/92:
Relay status, signal strength, erase mode and pot position

Output:
CM-RX-90: (1) SPDT relay, 3 modes
CM-RX-91: (1) SPDT relay, 1 mode
CM-RX-92: (2) SPDT relays, 6 modes

Contact Rating: 3A @ 30 VDC

Current Draw:
CM-TX-9: 2 mA
CM-RX-90: 23mA - 43mA
CM-RX-91/92: 23mA - 63mA

Time Delay:
CM-RX-90/91: 1-30 seconds
CM-RX-92: #1 D.O.R. 1-30 sec.
#2 D.O.O. 1-15 sec.
#2 D.O.R. 1-30 sec.

Temperature Range:
Alkaline: 32°F to 122°F (0°C to 0°C)
Lithium: -40°F to 122°F (-40°C to 50°C)

DOOR ACTIVATION DEVICES

RECESSED BUTTON KEY FOBS	
CM-TXLF-1LP	One button key fob
CM-TXLF-2 LP	Two button key fob
KEY FOB BASE	
CM-TXLF-B	Base for any TXLF fob, wall or desk mountable, with belt or visor clip and wheelchair strap
TRANSMITTERS	
CM-TX-9	Wall Switch Transmitter
CM-TX-99	Plug-in Transmitter
LITHIUM BATTERIES	
CM-xx-L2	Add 'L2' to **CM-TX-9** model # for 'AAA' lithium batteries in place of alkaline
CM-LP2	(2) 'AAA' lithium battery packs
LAZERPOINT™ WIRELESS RECEIVERS	
CM-RX-90	Advanced Compact Single Relay Receiver
CM-RX-91	Lazerpoint™ one relay receiver
CM-RX-92	Lazerpoint™ two relay receiver

CM-TXLF-1LP   *CM-TXLF-2LP*

CM-TXLF-B
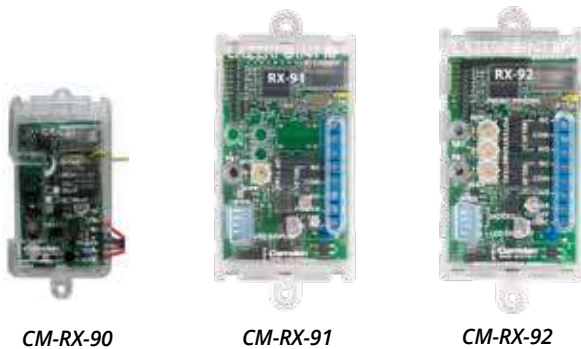
CM-TX-9   *CM-TX-99*

Receiver and Fob Dimensions:

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

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

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

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

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

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

CM-RX-90   *CM-RX-91*   *CM-RX-92*

LAZERPOINT™
BY CAMDEN

915 MHZ. WIRELESS SWITCH KITS

Lazerpoint™ 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.*

LAZERPOINT™ SWITCH OPTIONS NOW INCLUDE :
- RX-90 Advanced 1 relay receiver. See page 87 for other receiver options
- Vestibule switch options
- Water tight and architectural finish options
- French language options

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

CM-25 NARROW / JAMB PUSH PLATE	
CM-RFL252-A	(2) CM-25/2 WHEELCHAIR symbol, (2) CM-23D Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver
CM-RFL253-A	(2) CM-25/3 'PUSH TO OPEN', (2) CM-23D Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver
CM-RFL253F-A	(2) CM-25/3F 'POUSSEZ POUR OUVRIR', (2) CM-23D Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver
CM-RFL254-A	(2) CM-25/4 WHEELCHAIR symbol & 'PUSH TO OPEN', (2) CM-23D Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver
CM-RFL254F-A	(2) CM-25/4F WHEELCHAIR symbol & 'POUSSEZ POUR OUVRIR', (2) CM-23D Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver
CM-26CB NARROW / JAMB PUSH PLATE	
CM-RFL26CB2-A	(2) CM-26CB/2 WHEELCHAIR symbol, (2) CM-23D Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver
CM-RFL26CB4-A	(2) CM-26CB/4 WHEELCHAIR & 'PUSH TO OPEN', (2) CM-23D Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver
CM-35 SINGLE GANG PUSH PLATE	
CM-RFL352-A	(2) CM-35/2 WHEELCHAIR symbol, (2) CM-34BL Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver
CM-RFL353-A	(2) CM-35/3 'PUSH TO OPEN' text, (2) CM-34BL Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver
CM-RFL353F-A	(2) CM-35/3 'POUSSEZ POUR OUVRIR' text, (2) CM-34BL Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver
CM-RFL354-A	(2) CM-35/4 'PUSH TO OPEN' text, (2) CM-34BL Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver
CM-RFL354F-A	(2) CM-35/4 'POUSSEZ POUR OUVRIR' text, (2) CM-34BL Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver

CM-25 Series

CM-26CB Series

CM-35 Series

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DOOR ACTIVATION DEVICES

CM-40 4-1/2" ROUND PUSH PLATE

CM-RFL402-47-A	(2) CM-40/2 WHEELCHAIR symbol, (2) CM-47S Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver
CM-RFL403-47-A	(2) CM-40/3 PUSH TO OPEN, (2) CM-47S Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver
CM-RFL403F-47-A	(2) CM-40/3 'POUSSEZ POUR OUVRIR', (2) CM-47S Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver
CM-RFL404-47-A	(2) CM-40/4 WHEELCHAIR & 'PUSH TO OPEN', (2) CM-47S Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver
CM-RFL404F-47-A	(2) CM-40/4F WHEELCHAIR & 'POUSSEZ POUR OUVRIR', (2) CM-47S Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver
CM-RFL402-49-A	(2) CM-40/2 WHEELCHAIR symbol, (2) CM-49 Flush/Surface enclosures, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver
CM-RFL403-49-A	(2) CM-40/3 PUSH TO OPEN, (2) CM-49 Flush/Surface enclosures, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver
CM-RFL403F-49-A	(2) CM-40/3F 'POUSSEZ POUR OUVRIR', (2) CM-49 Flush/Surface enclosures, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver
CM-RFL404-49-A	(2) CM-40/4 WHEELCHAIR & 'PUSH TO OPEN', (2) CM-49 Flush/Surface enclosures (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver
CM-RFL404F-49-A	(2) CM-40/4F WHEELCHAIR & 'POUSSEZ POUR OUVRIR', (2) CM-49 Flush/Surface enclosures, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver

CM-45 4-1/2" SQUARE (CONCEALED SCREWS) PUSH PLATE

CM-RFL452-SA	(2) CM-45/2 WHEELCHAIR symbol, (2) CM-43CBL Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver
CM-RFL453-SA	(2) CM-45/3 'PUSH TO OPEN', (2) CM-43CBL Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver
CM-RFL453F-SA	(2) CM-45/3F 'POUSSEZ POUR OUVRIR', (2) CM-43CBL Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver
CM-RFL454-SA	(2) CM-45/4 WHEELCHAIR & 'PUSH TO OPEN', (2) CM-43CB Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver
CM-RFL454F-SA	(2) CM-45/4F WHEELCHAIR & 'POUSSEZ POUR OUVRIR', (2) CM-43CB Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver
CM-RFL452-LPA	(2) CM-45/2 WHEELCHAIR symbol, (2) CM-43LP Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver
CM-RFL453-LPA	(2) CM-45/3 'PUSH TO OPEN', (2) CM-43LP Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver
CM-RFL453F-LPA	(2) CM-45/3F 'POUSSEZ POUR OUVRIR', (2) CM-43LP Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver
CM-RFL454-LPA	(2) CM-45/4 WHEELCHAIR & PUSH TO OPEN, (2) CM-43LP Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver
CM-RFL454F-LPA	(2) CM-45/4F WHEELCHAIR & 'POUSSEZ POUR OUVRIR, (2) CM-43LP Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver

CM-40 Series

CM-47S

CM-49

CM-45 Series

CM-43CBL

CM-43LP

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-90 Receiver
CM-RFL46CB3-SA	(2) CM-46CB/3 'PUSH TO OPEN', (2) CM-43CBL Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver
CM-RFL46CB3F-SA	(2) CM-46CB/3F 'POUSSEZ POUR OUVRIR', (2) CM-43CBL Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 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-90 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-90 Receiver
CM-RFL46CB2-LPA	(2) CM-46CB/2 WHEELCHAIR symbol, (2) CM-43LP Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver
CM-RFL46CB3-LPA	(2) CM-46CB/3 'PUSH TO OPEN', (2) CM-43LP Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 Receiver
CM-RFL46CB3F-LPA	(2) CM-46CB/3F 'POUSSEZ POUR OUVRIR', (2) CM-43LP Surface Boxes, (2) CM-TX-9 Transmitters, (1) CM-RX-90 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-90 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-90 Receiver

CM-46 Series

CM-43CBL

CM-43LP

CM-46CB Series

CM-43CBL

CM-43LP

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DOOR ACTIVATION DEVICES

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

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 rubbed 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-xx-AB   *CM-xx-SB*

CM-xx-OB   *CM-xx-PB*

CM-xx-V

CM-SR SERIES: RECEIVER AND TRANSMITTERS

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

NEW COMPACT RECEIVER!

CM-SRX2

CV-WTX2

Features	
CM-SRX2 Relay Receiver: • 868MHz. high security rolling code, with 19 trillion combinations • 2-channel receiver • 1st relay momentary, 2nd relay momentary or latching operation • 30 transmitter (fob) capacity • Easy transmitter enrollment • Built in antenna	• IP65 rated weather-resistant enclosure • Kit includes (1) receiver and (2) two button fobs **CV-WTX2 Two Button Fob:** • Ultra compact fob transmitter • Rugged water-resistant construction • 2-year battery life and low battery indication

MODELS	
CM-SRX2	2 channel 868 MHz. wireless receiver
CV-WTX2	Ultra compact two button key fob
CV-WTX2-B	Ultra compact two button key fob, Pkg of 10
CM-SRFM2	Secure wireless kit, includes (1) CM-SRX2 wireless receiver and (2) CV-WTX2 two button key fob

Specifications

Voltage:	CM-SRX2: 12/24V, AC/DC CV-WTX2: 3 VDC, CR2023 type battery
Frequency:	868.35 MHz.
Current Draw:	CM-SRX2: (Max) 80mA CV-WTX2: 12mA
Relay:	(2) SPST normally open, contacts rated 1A @ 30VDC
Operating Temp:	-4F to 185F (-20C to +85C)
Dimensions:	**CM-SRX2:** 2-1/2"W x 3-3/4"H x 2-1/4"D (64mm x 95mm x 56mm) **CV-WTX2:** 1-1/2"W x 2-1/8"H x 3/8"D (38mm x 54mm x 10mm)

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ENCLOSURES AND MOUNTING BOXES

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

Features

- Narrow, single gang and double gang enclosures, in a variety of configurations
- ABS plastic models are suitable for use with radio controls
- Offset models will fit on door jambs or sidelights

- Stainless steel models (flush and surface) provide attractive mounting options for our stainless switches
- Plastic models are constructed of sturdy flame-proof ABS, and are UV stabilized

CM-23   CM-23CP   CM-23D   CM-23DSER

NARROW / JAMB MOUNTING BOXES

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

SINGLE GANG MOUNTING BOXES

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

CM-34AL   CM-34BL   CM-34CP

CM-34D   CM-CPC1   CM-RH-SG

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 65 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-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-324/325/336** 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-43CBL   CM-43CP

CM-43LP   CM-43GMK

DOUBLE GANG / SQUARE MOUNTING BOXES (CONTINUED)

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-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-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

BACK MOUNTING BOXES FOR 36" COLUMN™ SWITCHES

CM-75SB	Surface Box for CM-75 Series. Powder coated electrical gray, 16-gauge steel
CM-75SB-BK	Surface Box for CM-75 Series. Powder coated black, 16-gauge steel

ROUND MOUNTING BOXES FOR 4-1/2" SWITCHES

CM-47S	Surface, Round, Standard Depth, provision for wireless. Flame and impact resistant black polymer (ABS), 5"dia. x 2-1/8" D
CM-47-ADP1	Retrofit extension ring & hardware for CM-47S mounting box
CM-47SER	Surface, Round, Extra Deep, for Kinetic by Camden™ CM-40K switches
CM-57CBL	Flush, Round, Standard Depth, flame / impact resistant black polymer (ABS) x 6-5/8" dia. x 2"D
CM-57GR	Flush, Round, Aura™ (Illuminated Green/Red). Standard Depth, flame/impact resistant black polymer (ABS) x 6-5/8" dia. x 2"D
CM-570B	Surface Round, Shallow Depth, Flame and impact resistant black polymer (ABS) 4-11/16" dia. x 5/8"D

ROUND MOUNTING BOXES FOR 6" SWITCHES

CM-69S	Surface, Round Standard Depth, provision for wireless. Flame/impact resistant black polymer (ABS), 6-1/2" dia. x 2-1/8" D
CM-69-ADP1	Retrofit extension ring & hardware for CM-69S mounting box
CM-69SER	Surface Round, Extra Deep, for Kinetic by Camden™ CM-60K & SureWave™ 'R' suffix 6" round switches

CM-44

CM-53

CM-54i

CM-54CBL

CM-RH-DG

CM-55i

NEW!

CM-540B

CM-75SB

CM-47S

CM-47SER

CM-57CBL

CM-570B

CM-69S

CM-69SER

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CM-49, 59, 79 AND 89 SERIES: 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™ 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

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

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-89S

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

MOUNTING POSTS

Mounting posts are available in 42" (36" switch height) and 48" (42" switch height) models with extruded aluminum or stainless steel. They feature heavy-duty, 1/8" thick construction. Stainless steel posts are brush-finished. Aluminum posts are available in clear aluminum (CLR), dark bronze (BRZ), black (BLK), and mill (MIL) finishes, which are suitable for painting finishes. They have a flame and vandal-resistant cap, heavy-duty steel surface mounting base, and stainless steel fasteners. An optional in-ground (concrete) mounting base is also available.

Features

- Extruded Aluminum and Stainless Steel models
- 42" tall model with 36" switch height and 48" tall models with 42" switch height
- Option for clear aluminum, dark bronze, and black anodized finishes
- Option for mill finish, suitable for painting
- Easy installation and service of wireless transmitter batteries
- Includes heavy-duty surface mounting base
- Option for heavy-duty in-ground (concrete) mounting base
- Custom cut-out preparations upon request

CM-42
(Optional Push Plate Sold Separately)

ALUMINUM BOLLARDS (MOUNTING POSTS)

Select a model for bollard height and switch prep. below. Add a suffix for the architectural finish. Select mill or anodized color.

CM-42-CSU	42" Tall, No switch prep, 6" x 6"
CM-42-BSU	42" Tall, (36" Switch Height) single gang prep, 6" x 6"
CM-42-DSU	42" Tall, prep for CM-7536/7436 Series Column™ switch, 6" x 6" (Not compatible with CM-8536 and CM-8436 Series)
CM-42-ESU	42" Tall, switch prep at 7-1/2" & 36" (c-to-c) height
CM-48-CSU	48" Tall, No switch prep, 6" x 6"
CM-48-BSU	48" Tall, (36" Switch Height) single gang prep, 6" x 6"
CM-48-DSU	48" Tall, prep for CM-7536/7436 Series Column™ switch, 6" x 6" (Not compatible with CM-8536 and CM-8436 Series)
CM-48-ESU	48" Tall, switch preps at 7-1/2" & 36" (c-to-c) height
CM-48-GSU	48" Tall, stainless steel bollard, switch preps at 42" & 36" (c-to-c) height, for card reader or pull station

ALUMINUM BOLLARDS - OPTIONS

Finish Options (add suffix to model number for selected finish)

- CLR	Clear aluminum finish (BHMA 628)
- BRZ	Dark bronze finish (BHMA 710)
- BLK	Black finish (BHMA 711)
- MIL	Mill finish, suitable for painting

NEW (2) DEVICE PREP!

CM-48-DSU-BRZ
(Column Switch Sold Separately)

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MOUNTING POSTS

STAINLESS STEEL BOLLARDS (MOUNT POSTS)	
CM-42-BSU-SS	42" Tall, stainless steel bollard with single gang switch prep
CM-42-DSU-SS	42" Tall, stainless steel bollard, prep for CM-7536/7436 Series Column™ switch 6" x 6" (Not compatible with CM-8536 and CM-8436 Series)
CM-48-ESU-SS	48" Tall, stainless steel bollard with high/low switch prep
CM-48-DSU-SS	48" Tall, stainless steel bollard, prep for CM-7536/7436 Series Column™ switch 6" x 6" (Not compatible with CM-8536 and CM-8436 Series)
CM-48-GSU-SS	48" Tall, stainless steel bollard, switch prep at 7-1/2" & 36" (c-to-c) height, for card reader or pull station
IN-GROUND MOUNTING BASE	
-IG	Add suffix to model number for in-ground base instead of surface base
CM-42-IG	Additional In-ground mounting base with rebar

CM-42IG
(In-ground mounting base)

Stainless Steel Rain Hoods for Any Outdoor Application

CM-RH-SG
Single Gang
(not shown)

CM-RH-DG
Double Gang

YOUR ONE-STOP SOURCE FOR EVERYTHING TOUCHLESS!

Camden brings industry leading innovation, quality and value to your next access control or entrance system project!

For preventing the spread of germs, meeting the latest code requirements for ADA compliance, or just enhancing the convenience of building occupants, Camden Door Controls is the professional's choice.

SureWave™ Series

Line Powered and Battery Powered Hands-Free Switches

ValueWave™ Series

Illuminated No-Touch Switches with Optional Manual Override

CM-RQE70A Series

PIR 'Request to Exit' Detectors with Alarm & 2 Relay Outputs

CM/CV Series

Stand Alone and Wiegand Receivers, and a Wide Selection of 1, 2, & 4 Button Fobs

Column™ Switch Series

36" Tall 'Low Touch' Push Plate Switches with No-Touch PIR Sensors

CV-603VR Series

Mobile Credentials for Bluetooth® Access Control Systems & Readers

DOOR ACTIVATION DEVICES

STYLE		BOX / ENCLOSURE (DETAILS ON PG. 88-90)	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 4-5/8" x 1-1/4"	P	√														
		CM-23D (RF Suitable)	1-3/4" x 4-5/8" x 1-1/2"	P	√													√	
		CM-23DSER	1-3/4" x 4-5/8" x 2-1/16"	P															
SINGLE GANG	SURFACE	CM-34AL	2-3/4" x 4-1/2" x 1-3/4"	A														√	√
		CM-34BL	2-3/4" x 4-1/2" x 1-3/4"	P			√	√										√	√
		CM-34D	2-3/4" x 4-1/2" x 3"	P		√													
DOUBLE GANG / SQUARE	SURFACE	CM-43CBL	5" x 5" x 2"	P								√	√	√					
		CM-43CBLA	5" x 5" x 2"	P								√	√	√					
		CM-43LP	5" x 5" x 1-3/8"	P								√	√						
		CM-43LPB	5" x 5" x 1-3/8"	P															
		CM-44	4-1/2" x 4-1/2" x 5/8"	S								√	√						
		CM-48AL	4-1/2" x 4-1/2" x 3/4"	A								√	√						
		CM-53	4-1/2" x 4-1/2" x 2"	P								√	√						
		CM-540B	4-13/16" x 4-13/16" x 5/8"	P								√	√	√					
		CM-54i	5-1/4" x 5-1/4" x 2"	P								√	√						
		CM-54CBL	5-1/4" x 5-1/4" x 2"	P								√	√	√					
		CM-63CBL	4-1/2" x 4-1/2" x 2"	P										√	√				
	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

DOOR ACTIVATION DEVICES

BOX / ENCLOSURE (DETAILS ON PG. 88-90)	CM-221	CM-300	CM-310	CM-310EE	CM-324	CM-325	CM-333	CM-336	CM-400/4000	CM-700	CM-1100/1200	CM-2000/2200	CM-2510/2520	CM-3000	CM-3100	CM-3200/3500	CM-4085-8085	CM-5000	CM-6000	CM-7000	CM-8000	CM-9000
CM-23	√N		√																			√
CM-23D (RF Suitable)			√		√N	√N							√									
CM-23DSER							√	√														
CM-34AL	√	√			√	√			√	√	√								√	√	√	√
CM-34BL	√	√			√	√	√	√	√	√	√									√	√	√
CM-34D					√	√									√		√	√	√	√	√	
CM-43CBL																						
CM-43CBLA						√W	√W	√W	√W													
CM-43LP						√W	√W	√W														
CM-43LPB															√							
CM-44																						
CM-48AL																						
CM-53	√W														√		√					
CM-540B																						
CM-54i																						
CM-54CBL																						
CM-63CBL																	√					
CM-55CBL																						
CM-55i																						
CM-47S																						
CM-47SER				√R	√R	√R																
CM-49																						
CM-570B																						
CM-59S																						
CM-57CBL																						
CM-57GR																						
CM-69S			√	√	√	√	√															
CM-69SER				√R	√R	√R			√R													
CM-79		√																				
CM-89S																						
JAMB MOUNT					x N	x N	x N							√		√						
SINGLE GANG		√			√	√	√	√	√	√	√					√						
DOUBLE GANG						√W	√W	√W	√W			√			√	√						

See SureWave™ Mounting Box Conversion Kits on Page 65

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

Note: See page 100 for LED and faceplate graphic 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

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

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

May be used with any type of cam

Accepts one or two switches
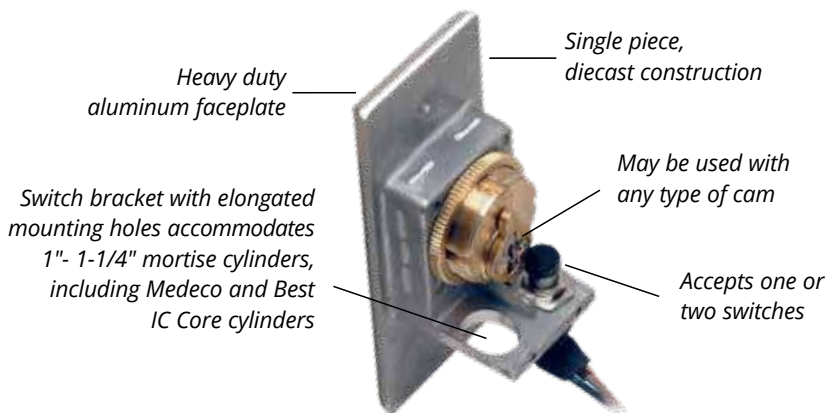
CM-1100 / CM-2000: FLUSH MOUNT KEY SWITCHES - CAST ALUMINUM FACEPLATE

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).

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

CM-2000
(Mortise cylinder sold separately)

Features

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

Note: See page 100 for LED and faceplate graphic options

SINGLE GANG KEY SWITCHES

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

NARROW KEY SWITCHES

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

Specifications

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)

Architectural Finishes

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

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

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

CM-1200   CM-2200

(Mortise cylinders sold separately)

Features

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

Note: See page 100 for LED and faceplate graphic options

SINGLE GANG KEY SWITCHES

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

NARROW KEY SWITCHES

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

Specifications

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)

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

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

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

CM-3200
(Mortise cylinder sold separately)

CM-3500
(Mortise cylinders sold separately)

Note: See page 100 for LED and faceplate graphic 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	(2) SPST Momentary, N/O
CM-3505	(2) SPST Momentary, N/C
CM-3510	(2) SPST Maintained
CM-3520	(2) SPDT N.O. & N.C. Momentary
CM-3530	(2) SPDT N.O. & N.C. Maintained
CM-3550	(4) SPDT Momentary
CM-3560	(4) SPDT Maintained
CM-3570	(2) SPDT Momentary and Maintained
CM-3580	(2) DPDT Momentary
CM-3582	(4) DPDT Momentary
CM-3590	(2) DPDT Maintained
CM-3592	(4) DPDT Maintained

Specifications

Contact Rating:	6A @ 30 VDC
Switch Life:	100,000 cycles
Temp Range:	32°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)

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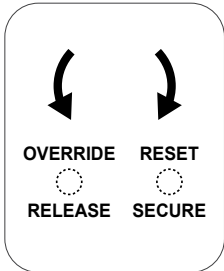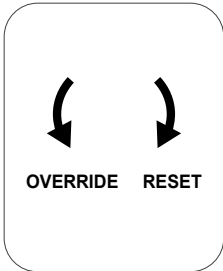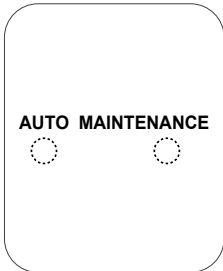
LED & GRAPHIC OPTIONS FOR CM-1000 / 1100 / 2000 SERIES, AND CM-1200 / 2200 / 3200 / 3500 SERIES

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

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

GRAPHIC OPTIONS (Add suffix to model number, add suffix 'F' for French, 'FE' for French & English, 'SP' for Spanish)

CG-1: OVERRIDE / RELEASE, RESET / SECURE

CG-2: OVERRIDE, RESET

CG-3: AUTO, MAINTENANCE

CG-4: DAY, NIGHT

NOTE: LED options are ordered by adding a suffix to the model number. (Not included in the cost for graphic options)

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

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

Features	
• Heavy duty die cast aluminum enclosure	• 6A @ 30 VDC, 125 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 @ 30 VDC, 125 VAC 3A @ 250 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)

PARTS FOR KEY SWITCHES

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

FACEPLATES	
CM-1000/10	Aluminum faceplate for CM-1000
CM-1100/10	Aluminum faceplate for CM-1100
CM-2000/10	Aluminum faceplate for CM-2000
CM-1200/10	Stainless steel faceplate for CM-1200
CM-2200/10	Stainless steel faceplate for CM-2200
CM-3200/10	Stainless steel faceplate for CM-3200
CM-3500/10	Stainless steel faceplate for CM-3500
GASKETS	
CM-1000/21	Single gang neoprene gasket for Camden key switches
CM-2000/21	Narrow (jamb) width neoprene gasket for Camden key switches
CONTACT SWITCHES	
CM-1000/30	SPST momentary contact switch, N/O 6A @ 125 VAC, 3A @ 30 VDC
CM-1000/31	SPST momentary contact switch, N/O, heavy duty, 15A @ 30 VDC
CM-1000/32	SPST momentary contact switch, N/C, 6A @ 125 VAC, 3A @ 30 VDC
CM-1000/35	SPST maintained contact (ON/OFF) switch, 6A @ 125 VAC, 3A @ 30 VDC
CM-1000/37	SPST maintained contact switch, heavy duty, 15A @ 30 VDC
CM-1000/40	SPDT momentary contact switch, 6A @ 125 VAC, 3A @ 30 VDC
CM-1000/42	DPDT momentary contact switch, 6A @ 125V, 3A @ 30 VDC
CM-1000/45	SPDT maintained contact switch, 6A @ 125V, 3A @ 30 VDC
CM-1000/47	DPDT maintained contact switch, 6A @ 125 VAC, 3A @ 30 VDC
MORTISE CYLINDERS	
CM-1000/50	Cylinder lock ring
CM-CYL60-KA	Mortise cylinder, 1-1/8", solid brass, keyed alike, aluminum finish
CM-CYL60-KD	Mortise cylinder as above, keyed different
CM-307	Mortise cylinder housing for Best™ style IC core
CM-308	Best™ style IC core, keyed different
MOUNTING BOX	
CM-34AL	Surface mount box for CM-1000

CM-1000/21

CM-CYL60-KD

CM-307

CM-308

CM-34AL

CM-160 / 170 / 180 SERIES: KEY SWITCHES

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

Features

- Black lamacoid (plastic) or stainless steel faceplates
- Key removable in all maintained positions

- 2, 3, 4 position maintained and 2 position momentary models
- All switches are keyed alike

MODELS

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

OPTIONS (Add suffix to model above)

Faceplate Graphics

MOMENTARY	MAINTAINED	MAINTAINED	MAINTAINED	MAINTAINED
OFF / OPEN	OFF / AUTO	AUTO OFF HOLD OPEN	OFF DAY NIGHT	EXIT AUTO OFF HOLD OPEN
CM-xx/20	*CM-xx/21*	*CM-xx/22*	*CM-xx/23*	*CM-xx/24*

Extra Keys

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

***Faceplate includes "AUTOMATIC DOOR" text at bottom of switch (as shown in images)**

CM-160/23

CM-170/21 *CM-180/23*

Specifications

Contact Rating:	4A @ 28 VDC
Switch Life:	100,000 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)

CM-190 SERIES: TOGGLE SWITCH

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

Features

- Mini metal faceplate designed to install on door operator cabinet or door frame
- 2 or 3 position maintained operation

- Single gang faceplate for mounting on standard electrical box
- Heavy duty 6 Amp. contacts

MODELS

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

OPTIONS (Add suffix to model above)

Faceplate Graphics

ON / OFF *CM-xx/30*	AUTOMATIC OFF OFF HOLD OPEN *CM-xx/31*

***Faceplate includes "AUTOMATIC DOOR" text at bottom of switch (as shown in images)**

CM-190/30 *CM-195/31*

Specifications

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)

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DOOR ACTIVATION DEVICES

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 tamper proof screws & driver • Option for plug-in TX-99 wireless transmitter, 2 channel

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)

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™ 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-xx-L1	Add suffix 'L1' for (2) 'AA' lithium batteries in place of (2) alkaline
CM-LP1	(2) 'AA' lithium battery pack
COMPATIBLE LAZERPOINT™ WIRELESS RECEIVERS	
CM-RX-90	Advanced, Compact Single Relay Receiver
CM-RX-92	Full function, dual relay receiver, 12/24V AC/DC

DOOR ACTIVATION DEVICES

CM-110SK: SURFACE MOUNT KEYPAD

CM-110SK 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.

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-110SK

Specifications

Voltage:	12 VDC	IP Rating:	IP68
Current Draw:	60mA	Contact Type:	Form 'C'
Output:	8 Bit burst		
Contact Rating:	3A @ 30 VDC		
Delay Time: 0 – 99 secs.		Alarm Time: 0 – 3 mins.	
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)		

CM-550SK: SURFACE MOUNT KEYPAD (V3)

CM-550SK Surface mount keypads offer a complete single-door access control solution for high-traffic applications that demand weather and vandal resistant performance over years of operation.

The sturdy, cast metal housing and illuminated keypad supports up to 20,000 users, making it ideal for professional offices, schools, commercial and industrial applications.

NEW RAIN / PRIVACY SHIELD INCLUDED!

Features	
• Up to 20,000 users	• Tamper alarm
• Cast metal, heavy duty construction	• Request to Exit input
• Backlit, vandal resistant keypad	• Door contact input
• 4 to 6 digit PIN code length	• Weather resistant IP68 rated
• Two-door interlock mode	

MODELS	
CM-550SK	Weather / vandal resistant keypad, 1 relay, 20,000 Users,

Specifications

Input Power:	10-28V AC/DC
Standby Current:	35mA (Input 12VDC)
Operating Current:	100mA (Input 12VDC)
Working Humidity:	0-95%
Working Temp:	-40°F to +140°F (-40°C to +60°C)
Alarm Output:	1A @ 30VDC
Lock Relay:	1A @ 30VDC, Form 'C'
IP Rating:	68
Dimensions:	5"H x 3-1/4"W x 1"D (127mm x 82mm x 25mm)

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CM-PT: HEAVY DUTY POWER TRANSFER CABLES

STANDARD MODELS	
CM-PT250-12	Zamac endcaps, 1/4" inside diameter cable, 12" length (Formerly CM-PTS14)
CM-PT250-18	Zamac endcaps, 1/4" inside diameter cable, 18" length
CM-PT250-24	Zamac endcaps, 1/4" inside diameter cable, 24" length
CM-PT250-36	Zamac endcaps, 1/4" inside diameter cable, 36" length
CONCEALED POWER TRANSFER CABLES	
CM-PT250M	Concealed, 1/4" inside diameter, mortise mount
CM-PT516M	Concealed, 5/16" inside diameter, mortise mount
ALUMINUM ENDCAPS, 1/4" INSIDE DIAMETER	
CM-PT250AL-12	Aluminum endcaps, 1/4" inside diameter cable, 12" length
CM-PT250AL-18	Aluminum endcaps, 1/4" inside diameter cable, 18" length (Formerly CM-PT14)
CM-PT250AL-24	Aluminum endcaps, 1/4" inside diameter cable, 24" length
CM-PT250AL-36	Aluminum endcaps, 1/4" inside diameter cable, 36" length
CM-PT250AL-DUR-12	Duranodic (dark bronze) finish, 1/4" inside diameter cable, 12" length
CM-PT250AL-DUR-18	Duranodic (dark bronze) finish, 1/4" inside diameter cable, 18" length (Formerly CM-PT14DUR)
CM-PT250AL-DUR-24	Duranodic (dark bronze) finish, 1/4" inside diameter cable, 24" length
CM-PT250AL-DUR-36	Duranodic (dark bronze) finish, 1/4" inside diameter cable, 36" length
ALUMINUM ENDCAPS, 3/8" INSIDE DIAMETER	
CM-PT375AL-12	Aluminum endcaps, 3/8" inside diameter cable, 12" length
CM-PT375AL-18	Aluminum endcaps, 3/8" inside diameter cable, 18" length (Formerly CM-PT-38)
CM-PT375AL-24	Aluminum endcaps, 3/8" inside diameter cable, 24" length
CM-PT375AL-36	Aluminum endcaps, 3/8" inside diameter cable, 36" length
CM-PT375AL-DUR-12	Duranodic (dark bronze) finish, 3/8" inside diameter cable, 12" length
CM-PT375AL-DUR-18	Duranodic (dark bronze) finish, 3/8" inside diameter cable, 18" length (Formerly CM-PT38DUR)
CM-PT375AL-DUR-24	Duranodic (dark bronze) finish, 3/8" inside diameter cable, 24" length
CM-PT375AL-DUR-36	Duranodic (dark bronze) finish, 3/8" inside diameter cable, 36" length
STAINLESS STEEL ENDCAPS, 1/4" INSIDE DIAMETER	
1/4" ID. models for 4 conductor 22 gauge, or 2 conductor 18 gauge wire	
CM-PT250SS-7	Stainless steel cable and endcaps, 7" length (Formerly CM-PTSS-7)
CM-PT250SS-12	Stainless steel cable and endcaps, 12" length
CM-PT250SS-18	Stainless steel cable and endcaps, 18" length
CM-PT250SS-24	Stainless steel cable and endcaps, 24" length
CM-PT250SS-36	Stainless steel cable and endcaps, 36" length
STAINLESS STEEL ENDCAPS, 3/8" INSIDE DIAMETER	
3/8" ID. models for 16 conductor 22 gauge, or 8 conductor 18 gauge wire	
CM-PT375SS-7	Stainless steel cable and endcaps, 7" length (Formerly CM-PTSS38-7)
CM-PT375SS-12	Stainless steel cable and endcaps, 12" length
CM-PT375SS-24	Stainless steel cable and endcaps, 24" length
CM-PT375SS-36	Stainless steel cable and endcaps, 36" length
Note: PTSS models are available in lengths up to 72". Contact Camden for more information.	

CM-PTS14

CM-PT14 / PT38

CM-PT516M

CM-PT250M

CM-PTSS-18

CUSTOM SIZES AVAILABLE! (SEE PG. 107)

CUSTOM LENGTH PROGRAM

The Power Transfer Cables can be ordered in custom lengths in inches. The models will be preceded by "CC" instead of "CM". Each power transfer cable category has a base number, followed by XX in inches. Pricing is based on a base price, plus a price per inch.

For Example:
CC-PT375AL-14 is a custom aluminum power transfer cable, sized 3/8" inside diameter x 14" long

MODELS	
CC-PT250-XX	Zamac Power transfer cable 1/4"
CC-PT250AL-DUR-XX	Duranodic (dark bronze) finish, power transfer cable 1/4"
CC-PT250AL-XX	Aluminum power transfer cable 1/4"
CC-PT375AL-XX	Aluminum power transfer cable 3/8"
CC-PT375AL-DUR-XX	Duranodic (dark bronze) finish, power transfer cable 3/8"
CC-PT250SS-XX	Stainless Steel power transfer cable 1/4"
CC-PT375SS-XX	Stainless Steel power transfer cable 3/8"

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 or PG4 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	10-50 lb. Pressure gauge
CM-PG4	10-100 lb. Pressure gauge

CM-PG

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ACCESS CONTROL

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

CV-603 Series is an app-based wireless Bluetooth® managed access control system designed to provide maximum flexibility in small door and gate applications and comes ready to support each system user with the card, security FOB, or smartphone credential they want. The intuitive configuration app is compatible with Apple® and Android® devices, for 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.

NO MONTHLY USER FEES!

CV-603

Specifications

Voltage: 12 VDC	Current Draw: < 100 mA
Number of Users: 2000	Number of Events: 3000
Reader Inputs: 2	Reader Outputs: 2
Reader Input Types:	Wiegand 26, 30, 34, 37 Bit
Receiver Frequency:	433 MHz.
Relay Output Types:	Timed 1 - 180 seconds 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:	7oz. (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)

Features

• Programmed via Free BLE Phone App	• Operator Security Levels – 5, configurable
• 2,000 User Capacity	• Anti-pass back – Higher level of security
• Wiegand Reader compatible – 26, 30, 34 and 37 bits	• Form C relays – For fail-safe or fail-secure electric locks
• Reader encryptions with Wiegand protocols such as HID iClass®, MiFare®, and DESFire® can also be wired to the controller	• A range of MProx-BLE controllers and kits, including option for metal cabinet
• Common Alarm Relay – Trigger remote devices	• 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
• Sensor Input – For door position switch or vehicle loop detector	• 3 year warranty

CONTROLLERS

CV-603	Two door MProx-BLE Controller with 433 MHz. receiver
CV-603PS	Cabinet with MProx-BLE controller, 12 VDC, 1.5 amp power supply (without battery back up) and 16 VAC, 40 VA transformer

CONTROLLER & READER KIT

CV-603PS-K1	Cabinet with MProx-BLE controller, 12 VDC power supply, transformer, (1) CV-7400 AWID/HID® protocol reader & (1) HID® protocol prox tag

EXTENSION ANTENNA

CV-603EA	433 MHz. extension antenna for MProx-BLE Controller, 8 feet (2 meter) coaxial cable, 50 Ohm impedance, used to get beyond metal RF obstructions

WIRELESS TRANSMITTERS

CV-TXM-2	2 Button transmitter, 433MHz. for MProx-BLE Controller
CV-TXM-2B	2 Button transmitter, 433MHz., Package of 10

VIRTUAL CREDENTIALS

CV-603VR10	10 Virtual Remote License Key
CV-603VR50	50 Virtual Remote License Key

CV-603PS-K1

CV-603EA

CV-TXM-2

CV-603VR10

CV SERIES: SYSTEM READERS & CREDENTIALS

Camden supports access control systems with an extensive line of readers and credentials, for both indoor and outdoor use.

Features	
• HID®/AWID dual format, readers and credentials	• Indoor and outdoor (weather resistant) use

HID® / AWID DUAL FORMAT PROXIMITY READERS	
CV-7400	Narrow, compact, 4"- 5" read range
CV-7820	Single gang, 4"- 5" read range

HID® & AWID FORMAT CREDENTIALS	
(Note: All cards are sold in multiples of 10)	
CV-CSA	AWID supported Prox Cards, clamshell style, package of 10
CV-CSA-B	AWID supported Prox Cards, clamshell style, package of 100
CV-ISA	AWID supported ISO Prox Card, package of 10
CV-ISA-B	AWID supported ISO Prox Card, package of 100
CV-KTA	AWID supported Prox Key Tag, package of 25
CV-CSH	HID® Prox supported Clamshell Style Card, package of 10
CV-CSH-B	HID® Prox supported Clamshell Style Card, package of 100
CV-ISH	HID® Prox supported ISO Card, package of 10
CV-ISH-B	HID® Prox supported ISO Card, package of 100
CV-KTH	HID® Prox supported Tag, package of 25

CV-7400

CV-7820

CV-CSH

CV-KTH

Specifications

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

CV-7820 :
3"W x 4-5/8"H x 3/8"D
(76mm x 117mm x 10mm)

MPROX BLE

A Whole New Level of User Convenience

Select the Best Access Control Credential for Each System User

- Supports up to 2,000 users
- Bluetooth® managed system configuration App
- Built-in 433MHz. RF receiver
- Wiegand reader protocol - 26, 30, 34 and 37 bits
- CV-603PS controller with 1.5 Amp power supply and metal cabinet

Download for **FREE** on the Google Play and App Store

GET IT ON
Google Play

Download on the
App Store

| TWO BUTTON FOB | SMARTPHONE | CARD OR TAG |

CV-7600 SERIES: HIGH-SECURITY CARD READER WITH BLUETOOTH®

FC   ETL   UL 294 Compliant
Intertek

CV-7600 Series card readers are a more secure alternative to standard proximity credentials that can be easily cloned. They support MIFARE® DESFire® EV1 technology & EV2 encryption credentials, making them virtually clone-proof and highly secure.

CV-7600 mobile-ready readers combine Bluetooth Low Energy (BLE) and contactless smart card technologies and can be used with any access control systems with Wiegand reader protocol, contactless RFID. An easily downloaded app instantly turns any Android™ or Apple iOS™ smartphone into the user's mobile access credential - with no subscription fee!

CV-7600 readers have a field configurable reception range from one to thirty feet and are backed by Camden's no-hassle three-year warranty.

Features

• **Field configurable reception range from 1 to up to 30 feet**	• **No manufacturer 'cloud' portal account required and no recurring fees - pay once and forever forget!**
• **Compatible with all access control systems**	• **Mobile credential secured behind the password and biometric security of the mobile device**
• **Smartphone App, Android™ and Apple iOS™ compatible**	• **Touchless auto unlock activation available on app**
• **Extremely High Security MIFARE DESFire EV1 and EV2 smartcard support**	• **IP67 water resistant**
• **26-bit Wiegand and OSDP interface (special order)**	• **Narrow (jamb) width with option for single gang mounting plate included**
• **3 year warranty**	

BLUETOOTH® READER MODELS

CV-7600	MIFARE Reader with BLE for Smartphone Credentials

CREDENTIAL MODELS

CV-MBT	Smart Phone BLE Mobile Credentials, Package of 10
CV-MCS	MIFARE DESFire EV2 Encrypted Clamshell Cards, Package of 10
CV-MIS	MIFARE DESFire EV2 Encrypted ISO-style Cards, Package of 10
CV-MKT	MIFARE DESFire EV2 Encrypted Key Fob, 2K Memory, Package of 10

Readers revision 8 or newer includes technology support for touchless activation-enabled Mobile Access Credentials.

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)
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:	Field configurable from 1 to up to 30ft
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)

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

*Camden's **CV-110SPK** is a slim-line single door multifunction standalone keypad that supports up to 2000 users with a Card, 4 digit PIN, or a Card + PIN option. The electronics are fully potted so the unit is waterproof and conforms to IP68. The built-in prox. card reader supports 125KHZ EM cards. The CV-110SPK offers a 26 bit Wiegand input and output allows the unit to also operate as a dual credential (prox. reader and keypad) access control system device.*

Features

• Up to 2,000 users - cards or key fobs	• Tamper alarm
• Batch card/key fob 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 proximity reader & keypad, 1 relay, 2,000 users
COMPATIBLE CARDS & KEY FOBS	
CV-CSE	EM Format ISO proximity card, package of 10
CV-CSE-B	EM Format ISO proximity card, package of 100
CV-KTE	EM Format proximity key fob, package of 25

Specifications

Voltage:	12 VDC (+/- 10%)
IP Rating:	68 | Current Draw: 60mA
Contact Type:	Form 'C'
Contact Rating:	3 Amps @ 12VDC
Delay Time:	0 to 99 sec | Alarm Time: 0 to 3 min
Card Read Dist:	1" (25mm) | Card Format: 26 bit
Card Freq.:	125 KHz, EM
Keypad Format:	8 bit burst
Temp Range:	-49°F to 140°F (-45°C to 60°C)
Dimensions:	6"H x 1-3/4"W x 1"D (152mm x 45mm x 25mm)

CV-7600 Series

Mifare DESFire High-Security Card Reader w/ Bluetooth®

SECURE CREDENTIALS - NO 'IFS', 'ANDS' OR 'BUTS'!

VIRTUALLY CLONE-PROOF AND HIGHLY SECURE!

Credential Technology Security Level Comparison

CV-550SPK: WEATHER/VANDAL RESISTANT PROXIMITY READER AND KEYPAD (V3)

*Camden's Next Generation **CV-550SPK** offers a complete single-door access control solution for high-traffic applications that demand weather and vandal resistant performance over years of operation.*

The sturdy, cast metal housing and illuminated keypad with proximity reader supports up to 20,000 users, making it ideal for professional offices, schools, commercial and industrial applications.

The 26 to 66-bit Wiegand input or output capability allows the CV550SPK to also operate as a credential authentication device, while the variety of configuration options make it compatible with all access systems that use Wiegand card readers.

NEW RAIN / PRIVACY SHIELD INCLUDED!

Features

• **Up to 20,000 users - cards, key fobs or both** • **Batch card/key fob enrollment, easy programming** • **Cast metal, heavy duty construction** • **Backlit, vandal resistant keypad** • **Wiegand 26 bit input/output** • **Configurable Wiegand facility code number**	• **4 to 6 digit PIN code length** • **Alarm conditions; tamper, door forced open and ajar** • **Request to Exit input** • **Doorbell using pound (#) key** • **Weather resistant IP68 rated** • **Two-door interlock mode**

MODELS

CV-550SPK	Weather/vandal resistant keypad and proximity reader, 1 relay, 20,000 users

COMPATIBLE PROXIMITY CARDS & KEY FOBS

CV-CSH	HID® Supported clamshell proximity card, package of 10
CV-CSH-B	HID® Supported clamshell proximity card, package of 100
CV-ISH	HID® Supported ISO proximity card, package of 10
CV-ISH-B	HID® Supported ISO proximity card, package of 100
CV-KTH	HID® Supported proximity key fob, package of 25
CV-CSE	EM Supported ISO proximity card, package of 10
CV-CSE-B	EM Supported ISO proximity card, package of 100
CV-KTE	EM Supported proximity key fob, package of 25

Specifications

Input Power:	10 - 28V AC/DC
IP Rating:	68
Idle Current:	35 mA (Input VDC12V)
Operating Current:	100 mA (Input VDC12V)
Contact Type:	(1) Form 'C'
Contact Rating:	1A @ 30 VDC
Alarm Output Load:	1A @ 30 VDC
Ring Bell Load:	1A @ 30 VDC
Card Read Distance:	2" (50mm) Max
Card Frequency:	125KHz, EM and HID®
Card Format:	26, 34 or 37 bit Wiegand
Keypad Format:	26 bit standard, 4 bit or 8 bit burst
Operating Temp:	-40°F to 140°F (-40°C to 60°C)
Dimensions:	5-7/8"H x 4-1/8" W x 3-1/2"D (150mm x 104mm x 90mm - with shield)

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 Wiegand ID numbers will be sent for either fob transmitters and for the enclosed credential for a card reader, to manage multiple users in the access control database. One unique ID number per device per user simplifies the adding and deleting of credentials for property managers.

CV-WRX4

Features

CV-WRX4 Receiver:
- 4 channel receiver for 2 or 4 button remotes
- Compatible to all access control panels using Wiegand card readers
- Field selectable facility codes
- IP 65 weather resistant enclosure

CV-WTX2 Series Two Button Fobs:
- Ultra compact dual technology design
- HID® 125 KHz. proximity protocol, add suffix H26
- 2 year battery life & low battery indication
- 300 feet (100 meter) range

CV-WTX2H-H26SE Two Button & CV-WTX4H-H26SE Four Button
- HID®iClass SE® 13.56 MHz. wafer inside to prevent cloning
- Laser Etched ID numbers
- 300 feet (100 meter) range
- LED indicator for low battery and signal transmission
- Durable, weather resistant case with metal ring exterior

All transmitters use a 868MHz. high security rolling code, 19 trillion combinations.

Specifications

Voltage:	**CV-WRX4:**	12 VDC
	All CV-WTX remotes:	
		3 VDC, CR2032 Type
Current:	**CV-WRX4:**	14 mA typical/
		36 mA peak
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)
	All CV-WTX remotes:	
		-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	
	(83mm x 187mm x 42mm)	
	CV-WTX2 Series:	
	1-3/16"W x 2-1/8"H x 3/8"D	
	(30mm x 57mm x 10mm)	
	CV-WTX2H/4H Series:	
	1-1/2"W x 2-1/2"H x 1/2"D	
	(38mm x 68mm x 13mm)	

RECEIVER

CV-WRX4	Four Channel Wiegand Receiver

KEY FOBS

CV-WTX2-H26	Two Channel Ultra Slim Wiegand Key Fob + HID® Prox.
CV-WTX2-H26-B	Two Channel Ultra Slim Wiegand Key Fobs + HID® Prox. Package of 10
CV-WTX2H	Two Channel Wiegand Key Fob
CV-WTX2H-H26	Two Channel Wiegand Key Fob + HID® Prox.
CV-WTX2H-H26SE	Two Channel Wiegand Key Fob + HID® iCLASS SE®
CV-WTX2H-H26SE-B	Two Channel Wiegand Key Fob + HID® iCLASS SE® Package of 10
CV-WTX4H	Four Channel Wiegand Key Fob
CV-WTX4H -H26	Four Channel Wiegand Key Fob + HID® Prox.
CV-WTX4H-H26SE	Four Channel Wiegand Key Fob + HID® iCLASS SE®

CV-WTX2-H26 *CV-WTX2H-H26SE* *CV-WTX4H-H26SE* Laser Etched ID numbers for long term legibility

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 use, 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 POLICY
Returned products must be shipped freight prepaid, and will be returned freight prepaid. Please note any shipment sent to Camden freight collect, will be refused. All returns must be accompanied by a Return Merchandise Authorization (RMA) number, to be issued by Camden customer service.

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.

All returned products must be shipped to us prepaid.

Canadian shipping location:
2395 Skymark Avenue, Mississauga, Ontario, L4W 4Y6, 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 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 20% 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.

LIMITED LIABILITY
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EFFECTIVE
January 1, 2025

THE PROFESSIONAL'S CHOICE

FOR INDUSTRY-LEADING PERFORMANCE & VALUE

Camden is ready to meet your next project specification with a complete range of maglocks and strikes that offer the highest quality, the most features, and the best value!

Top of the line features like universal design, **FREE LATCH MONITORING**, full compliance with UL Security and Fire Standards, and industry-leading warranties are included at no extra cost!

Choose Camden for the perfect blend of security, style, and peace of mind.

CX-DE1200 Series
Single and Double Door
Delayed Egress Magnetic Locks

CX-91 & CX-92 Series
600 lbs. & 1200 lbs. Single and Double
Door Magnetic Locks

CX-95S-DH
Magnetic Door Holder, Surface,
Flush or Floor Mount, with
Armature Extension Bars

CX-ED1689L-4 & CX-ED1799L-8
Low Profile & Dual Monitor
Grade 1 Fire Rated Mortise Strikes
in Multiple Faceplate Packages

CX-EPD1289L & CX-EPD1289L-BK
Award Winning 3/4" 'Universal'
Grade 1 Fire Rated RIM Strikes
with Preload

CAMDEN
DOOR CONTROLS

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