



PRODUCT GUIDE JANUARY 2017



Electrified Locks,
Relays & Timers

Door Activation
Devices

Industrial Door &
Gate Controls

Telephone Entry &
Access Control

THE RIGHT SOURCE FOR ELECTRONIC DOOR CONTROLS

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www.camdencontrols.com



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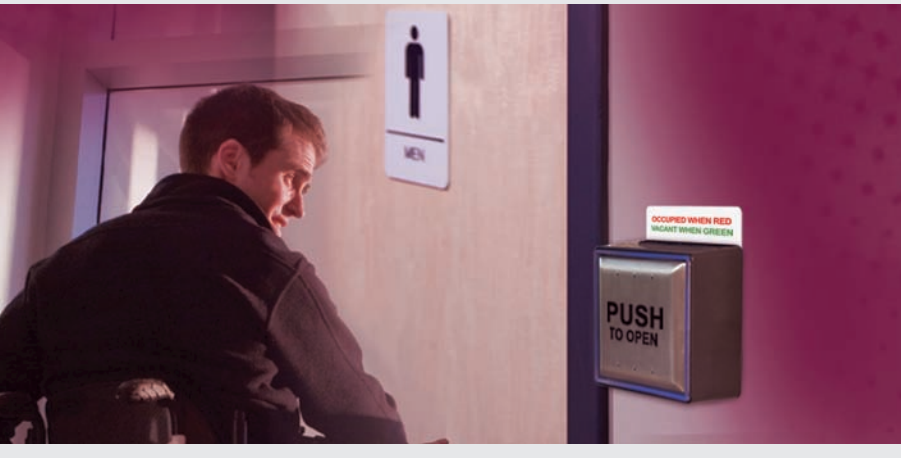
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ELECTRIC STRIKES

SERIES 00: VALUE LINE STRIKES

Camden 'Value Line' electric strikes offer reliable performance for light duty applications, where an economical fail safe, 8V to 16V AC/DC strike is required. Strikes come complete with integrated faceplate, for use with center line cylindrical or mortise locksets.

FEATURES

- **CX-EL0051** economy strike for cylindrical locksets, 9/16" (14 mm) maximum latch projection
- **CX-EL0061** economy strike for mortise locksets, 1/2" (13 mm) maximum latch projection
- For use in wood, metal or aluminum door frames
- Continuous duty operation
- Fully reversible for right or left hand doors
- 5 year warranty

ELECTRIC STRIKE WITH FACEPLATE

| | |
|-----------|---|
| CX-EL0051 | Economy ANSI strike, integrated faceplate, fail secure, 8-16V AC/DC |
| CX-EL0061 | Economy MORTISE strike, fail secure, 8-16V AC/DC |



CX-EL0051

CX-EL0061

SPECIFICATIONS

| | |
|------------------|---|
| Voltage: | 8V to 16V AC/DC |
| Static Strength: | CX-EL0051: 460 Lbs. (208 Kg.) |
| | CX-EL0061: 520 Lbs. (236 Kg.) |
| Endurance: | 200,000 cycles |
| Duty: | Continuous duty operation |
| Dimensions: | CX-EL0051: 2 15/16" x 1 9/16" x 1 5/16" (75mm x 39mm x 34mm) |
| | CX-EL0061: 2 5/8" x 13/16" x 1 1/2" (67mm x 20mm x 37mm) |

SERIES 09: GLASS DOOR STRIKES

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

FEATURES

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

ELECTRIC STRIKE WITH FACEPLATE

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



CX-EL0955

SPECIFICATIONS

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

ELECTRIC STRIKES

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

Camden CX-ED1579L grade 1 electric strike for mortise and cylindrical locksets offer the very best strike quality and features, with the added value of built-in latch monitoring, four 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
- Latch monitoring
- Non-handed, LH/LR
- Easy fit connectors for power and monitoring wires
- Stainless steel strike body
- 5 year warranty

MODEL

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

FACEPLATES

| | Included in the package |
|----------|--|
| CX-EMP-1 | Stainless faceplate for Sargent, Schlage & Yale Mortise Locksets |
| CX-EMP-2 | Stainless faceplate for Arrow, Corbin, & Best mortise locksets |
| CX-EMP-3 | Stainless faceplate for centerline mortise or cylindrical locksets |
| CX-EMP-4 | Stainless faceplate for mortise locksets with deadbolt |



Listed

UL10C Fire, 3hr.
UL 1034 Burglary
CAN4-S104



SPECIFICATIONS

| | |
|----------------|--|
| Voltage: | 12/24V DC 12/24V AC Fail-secure mode only |
| 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 |
| Dimensions: | Body: 4 7/8" L x 1 1/4" W x 1 3/4" D (124mm x 32mm x 45mm) |

ELECTRIC STRIKES

CX-ED1079L/DL: 'UNIVERSAL' LOW & STANDARD PROFILE GRADE 1 ELECTRIC STRIKES

The CX-ED1079L (low profile, for 5/8" latch projection) and CX-ED1079DL (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 latch monitoring and come with 3 stainless steel faceplates.



FEATURES

- Centerline latch entry for cylindrical and mortise locksets.
- CX-ED1079L, low profile. 1/2" to 5/8" latch projection (throw)
- CX-ED1079L, low profile. 5/8" to 3/4" latch projection (throw)
- Selectable 12/24V, AC/DC
- Selectable fail safe/fail secure operation
- Horizontal adjustability of strike faceplate/body
- 3 stainless steel faceplates included: ANSI square, ANSI round and wood door frame
- Continuous duty operation
- Non-handed
- 5 year warranty

MODELS

| | |
|-------------|---|
| CX-ED1079L | Low Profile Grade 1 'Universal' electric strike, 12/24V AC/DC, fail safe/fail secure operation, horizontal adjustment, c/w latch monitoring and 3 stainless steel faceplates (CX-ESP1B, CX-ESP2B & CX-ESP4B) |
| CX-ED1079DL | Standard Depth Grade 1 'Universal' electric strike, 12/24V AC/DC, fail safe/fail secure operation, horizontal adjustment, c/w latch monitoring and 3 stainless steel faceplates (CX-ESP1B, CX-ESP2B & CX-ESP4B) |

FACEPLATE OPTIONS

| | |
|----------|---|
| | Included in the package |
| CX-ESP1B | ANSI Square, 4 7/8" x 1 1/4", stainless steel |
| CX-ESP2B | ANSI Round, 4 7/8" x 1 1/4", stainless steel |
| CX-ESP4B | Wood Door, 7 15/16" x 1 7/16", stainless steel |
| | Additional faceplate |
| CX-ESP3B | Hollow Metal Door, 6 7/8" x 1 1/4", stainless steel |

LIP EXTENSION BRACKETS

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

SPECIFICATIONS

| | |
|----------------|---|
| Voltage: | 12/24V AC/DC |
| Current Draw: | 300mA@12V AC/DC 105mA@24V AC/DC |
| Strength | |
| Static: | 1,500 Lbs. |
| Dynamic: | 70 FT-Lbs. |
| Mode: | Selectable Fail Safe/ Fail Secure |
| Endurance: | 1,000,000 Cycles |
| Duty: | Continuous |
| Operation: | AC - Buzz DC - Silent |
| Latch Monitor: | Yes |
| Dimensions: | CX-ED1079L: 3 3/8" L x 1 3/4" W x 1 1/8" D (86mm x 44mm x 29mm) |
| | CX-ED1079DL: 3 3/8" L x 1 3/4" W x 1 3/8" D (86mm x 44mm x 35mm) |

SERIES 14: GRADE 1 FIRE RATED

14 Series electric strikes are UL fire rated and grade 1, tested to over 1.5 million cycles. They are also UL 1034 listed. CX-EX1450A/AL models offer 12/24V, AC/DC dual voltage and avoid the need for AHJ inspection when installed on fire doors because they avoid the need to cut or drill the door frame.

FEATURES

- Grade 1
- UL1034 burglary and UL 10C fire rated
- Centerline latch entry, 5/8" - 3/4" latch projection
- Dual voltage
- Integrated suppressor diode
- Reversible, LH/RH doors
- Continuous duty operation (DC)
- Latch monitoring option
- 5 year warranty

ELECTRIC STRIKE WITH FACEPLATE

| | |
|-------------|--|
| CX-EL1450A | EZ FIT™ Model - Installs in ANSI strike plate opening without cutting or drilling. |
| CX-EL1450AL | As above, with Latch Monitoring |



CX-EL1450A

SPECIFICATIONS

| | |
|----------------|---|
| Voltage: | 12/24V AC/DC |
| Current Draw: | 210mA@12V AC/DC 105mA@24V AC/DC |
| Strength | |
| Static: | 1,500 Lbs. |
| Dynamic: | 70 FT-Lbs. |
| Mode: | Fail Secure |
| Endurance: | 1,500,000 Cycles |
| Duty: | Continuous |
| Operation: | AC - Buzz DC - Silent |
| Latch Monitor: | Optional |
| Dimensions: | 1 1/4" x 4 7/8" x 1 1/2" (32mm x 123mm x 38mm) |

SERIES 20: PRE-LOAD ELECTRIC STRIKES

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

FEATURES

- For cylindrical locksets
- 1/2" to 5/8" latch projection (throw)
- Pre-load feature eliminates binding due to pressure against door latch
- Standard body model with selection of 4 faceplates
- EZ FIT™ 'no cut' model CX-EPD2850L with
- both vertical and horizontal faceplate adjustment
- Adjustable keeper, standard on all models
- Latch monitoring, standard on all models
- Dual voltage
- Selectable fail safe/fail secure
- 5 year warranty

ELECTRIC STRIKE WITHOUT FACEPLATE

| | |
|-------------|-----------------------------|
| CX-EPD2000L | Standard body, no faceplate |
|-------------|-----------------------------|

NOTE: Faceplates options, sold separately.

ELECTRIC STRIKE WITH FACEPLATE

| | |
|-------------|--|
| CX-EPD2010L | ANSI Square, 4 7/8" x 1 1/4" |
| CX-EPD2020L | ANSI Round, 4 7/8" x 1 1/4" |
| CX-EPD2030L | Hollow Metal Doors, 6 7/8" x 1 1/4" |
| CX-EPD2040L | Wood Door, 7 15/16" x 1 7/16" |
| CX-EPD2850L | EZ FIT™ Model, fits ANSI latch plate opening without cutting or drilling |



CX-EPD2850L



CX-EPD2000L

SPECIFICATIONS

| | |
|---------------------|---|
| Voltage: | 12/24V AC/DC |
| Current Draw: | 130mA@12V DC 200mA@12V AC 70mA@24V AC/DC |
| Strength | |
| Static: | 1,500 Lbs. |
| Pre-Load | |
| (Fail Secure Only): | 20 Lbs.@12-24V AC 40 Lbs.@12V DC 65 Lbs.@24V DC |
| Endurance: | 500,000 Cycles |
| Duty: | Continuous |
| Operation: | Initial Buzz then Silent |
| Latch Monitor: | Standard |
| Keeper: | Adjustable |
| Dimensions: | 1 3/4" x 4 1/8" x 1 1/2" (44mm x 105mm x 38mm) |

ELECTRIC STRIKES

FACEPLATES OPTIONS - SERIES 20

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



SERIES 22: BHMA GRADE 2 RIM STRIKE

22 Series electric strikes are designed for use with rim or surface mounted exit devices. These high quality 'German Engineered' strikes are suitable for wood or hollow metal doors. They feature horizontal adjustment for optimal alignment and are reversible for RH and LH doors.

FEATURES

- Accommodates all Pullman type latches with up to a 3/4" throw.
- UL 1034 burglary listed
- Fail Secure
- Fixed horizontal adjustment
- Fully Reversible for RH/LH doors
- Continuous duty operation (DC)
- 5 year warranty



MODELS

| | |
|-----------|---------------------|
| CX-EL2255 | Fail Secure, 12 VDC |
| CX-EL2258 | Fail Secure, 24 VDC |

SPECIFICATIONS

| | |
|---------------|---|
| Voltage: | 12 or 24VDC Models |
| Current Draw: | 210mA@12V DC 105mA@24V DC |
| Strength | |
| Static: | 1,500 Lbs. |
| Dynamic: | 50 FT-Lbs. |
| Mode: | Fail Secure |
| Endurance: | 1,000,000 Cycles |
| Duty: | Continuous |
| Operation: | Silent |
| Dimensions: | 1 25/32" x 9" x 2 3/8" (45mm x 229mm x 61mm) |

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

Camden's new low profile 'Universal' grade 2 ANSI electric strikes for cylindrical locksets provide exceptional value with 3 faceplates, fail safe/fail secure operation, and horizontal adjustment of the strike body.

FEATURES

- Centerline latch entry for cylindrical locksets, 1/2" to 5/8" latch projection
- CX-ED2071: 8 - 16V AC/DC
- CX-ED2079: Selectable 12/24V, AC/DC
- Selectable fail safe/fail secure operation
- Horizontal adjustability of strike body
- 3 stainless steel faceplates included: ANSI square, ANSI round and wood door frame
- Low profile strike body
- 5 year warranty

MODELS

| | |
|------------|--|
| CX-ED2071 | ANSI electric strike, 8-16V AC/DC, fail safe/fail secure operation, horizontal adjustment, c/w 3 stainless steel faceplates (CX-ESP1B, ESP2B & ESP4B) |
| CX-ED2079* | ANSI electric strike, 12/24V AC/DC, fail safe/fail secure operation, horizontal adjustment, c/w 3 stainless steel faceplates (CX-ESP1B, ESP2B & ESP4B) |

FACEPLATES

| | |
|----------|---|
| | Included in the package |
| CX-ESP1B | ANSI Square, 4 7/8" x 1 1/4", stainless steel |
| CX-ESP2B | ANSI Round, 4 7/8" x 1 1/4", stainless steel |
| CX-ESP4B | Wood Door, 7 15/16" x 1 7/16", stainless steel |
| | Additional faceplate |
| CX-ESP3B | Hollow Metal Door, 6 7/8" x 1 1/4", stainless steel |

LIP EXTENSION BRACKETS

| | |
|------------|-----------------------------------|
| CX-ED-LIP1 | 1" Lip extension for ANSI strikes |
| 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: 305mA@8VDC, 625mA@16VDC 190mA@8VAC, 460mA@16VAC CX-ED2079: 300mA@12VDC, 150mA@24VDC |
| Strength | |
| Static: | 1,000 Lbs. |
| Dynamic: | 50 FT-Lbs. |
| Mode: | Selectable fail safe fail secure |
| Endurance: | 700,000 Cycles |
| Operation: | AC - Buzz DC - Silent |
| Duty: | CX-ED2071: Intermittent CX-ED2079: Continuous |
| Mounting: | Non-handed |
| Dimensions: | 3 3/8"H x 1 7/8"W x 1 1/8"D (86mm x 47mm x 30mm) |

CABINET LOCKS

■ CX-EL90 SERIES: BATTERY PROX CABINET LOCKS

CX-EL90 Series battery powered proximity controlled cabinet locks provide an intelligent locking solution for secure cabinets, pharmaceutical dispensaries and retail displays. Options include single, multi (group mode) and multiple locks with individual access (locker mode). Innovative front and side locking enable master and slave locks to be used on sliding doors (glass or wood), hinged doors (glass or wood) and drawers (front, rear or bottom).



FEATURES

- Up to 1" reading range (25mm)
- 50 Users per lock
- Easy to install and program, no PC required
- Minimum 30,000 openings per battery life (lithium battery, included)
- Low battery audible warning
- Fail locked (default). Fail unlocked available on request
- Audible signal upon card presentation
- (3) latch pin options, to support any installation
- CX-EL9015 (main) battery operated prox. cabinet lock programmed for alarm, group or locker operating mode
- CX-EL9015S (expansion) battery operated cabinet lock, unlocked by master (CX-EL9015B) lock
- CX-EL9017SL (expansion) compact, metal cabinet lock, powered/unlocked by master (CX-EL9015B) or expansion lock CX-EL9015S

SPECIFICATIONS

- Holding Force: 55 Lbs. (Kg.) - 220 Lbs. (100 Kg.), dependent on locking pin
- Reader Format: Proprietary proximity
Range: Prox Lock.:
Up to 3/4" (20mm)
External Reader:
Up to 1" (25mm)
- Battery: 3 V lithium (included)
Battery Life: 30,000 operations
Users: Up to 50 per lock
Security: Fail safe (unlocked) default, Fail secure (locked) on request
- Audible Alert: Low battery
Temp Range: 14F to 140F (-10°C to +60°C)
- Dimensions: **CX-EL9015B/G/A:**
2 3/8" x 2 3/8" x 7/8"
60mm x 60mm x 22mm
CX-EL9017SL:
1 9/16" x 1 9/16" x 5/8"
40mm x 40mm x 12mm

PROX. CABINET LOCK KITS

| | |
|-------------|---|
| CX-EL9015AK | CX-EL9015A battery powered lock (alarm mode), 3V lithium battery, (2) CX-EL9030 prox. access cards, 1 prox. program card |
| CX-EL9015GK | CX-EL9015B battery powered lock (group mode), 3V lithium battery, (2) CX-EL9030 prox. access cards, 1 prox. program card |
| CX-EL9015LK | CX-EL9015G battery powered lock (locker mode), 3V lithium battery, (2) CX-EL9030 prox. access cards, 1 prox. program card |

NOTE: Looking pins required. See page 12.

EXPANSION CABINET LOCKS

| | |
|-------------|--|
| CX-EL9015S | Battery powered expansion cabinet lock, 3V lithium battery |
| CX-EL9017SL | Expansion cabinet lock, powered by master lock |



CX-EL9015



CX-EL9017SL

CABINET LOCKS

CARDS/TAGS

| | |
|-----------|---|
| CX-EL9010 | Program card |
| CX-EL9020 | Proximity access control key tag, package of 10 |
| CX-EL9030 | Proximity access control card, package of 10 |



CX-EL9020



CX-EL9030

ACCESSORIES

| | |
|-------------|--|
| CX-EL9040 | External card reader |
| CX-EL9060 | Glass Door Lock Mounting Kit |
| CX-EL9061 | Glass Door Pin Mounting Kit |
| CX-EL9051S | Plug in power supply, 120 VAC |
| CX-EL9052S2 | Cabinet lock network Cable 8ft. (2.5m) |



CX-EL9040



CX-EL9051S



CX-EL9052S2

LOCKING PINS FOR CX-EL90 AND CX-EL91 SERIES

| | |
|-----------|--|
| CX-EL9068 | Frontal lock pin, 77 Lbs. (35 Kg.) rated break point |
| CX-EL9069 | High strength 90° lock pin with spring plunger, 77 Lbs. (35 Kg.) rated break point |
| CX-EL9070 | Mini lock pin |



CX-EL9068



CX-EL9070



CX-EL9069

POWER SUPPLIES

■ CX-PS10UL: POWER SUPPLY

Camden's CX-PS10UL is a 1 Amp power supply that is ideal for powering magnetic locks. UL and NFPA listed, this model meets all fire and life safety codes for access control and locking devices.



FEATURES

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

MODEL

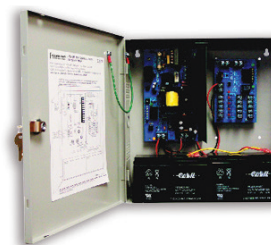
| | |
|-----------|--------------|
| CX-PS10UL | Power supply |
|-----------|--------------|

SPECIFICATIONS

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

■ CX-PS30UL/PS60UL: POWER SUPPLY

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



FEATURES

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

MODELS

| | |
|-----------|--------------------|
| CX-PS30UL | 3 AMP power supply |
| CX-PS60UL | 6 AMP power supply |

SPECIFICATIONS

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

■ CX-PS13 V3: VARIABLE OUTPUT LINEAR POWER SUPPLY

Camden's low cost CX-PS13 linear power supply is designed to provide regulated low voltage power for electrified locks, M-Prox Card access systems, washroom control packages and other electronic devices. A 120V 6-26V AC transformer is required.

APPLICATIONS: Recommended for use with electric strikes.

FEATURES

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

MODEL

| | |
|------------|-------------------------------------|
| CX-PS13-V3 | Variable Output Linear Power Supply |
|------------|-------------------------------------|



SPECIFICATIONS

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

■ TRANSFORMERS AND RECTIFIER

Camden offers a range of 12VAC to 24VAC 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

- Standard mount and plug-in models
- Plug-in models are UL/CUL listed
- Fused model for additional circuit protection
- 3 year warranty

MODELS

| | |
|---------------|---|
| CX-TRN-2024*° | Panel (Nipple) Mount 24 VAC, 20 VA nipple mount transformer |
| CX-TRX-2012*° | Standard Mount 12 VAC, 20VA standard mount transformer |
| CX-TRX-4024*° | 24VAC, 40VA standard mount transformer |
| CX-TRX-5024^° | 24VAC, 50VA standard mount transformer |
| CX-TRX-2024*° | Fused, Standard Mount 24 VAC, 20VA, fused, standard mount transformer |
| CX-TRK-2450*° | 24VAC, 40VA standard mount transformer and AC/DC rectifier |
| CX-TRP-4016° | Plug-In 16V AC, 40 VA Plug-in Transformer |
| CX-5024 | Rectifier Rectifier (AC-DC) 50 VA |



SPECIFICATIONS

Voltage: 120V AC 60Hz
Dimensions: **CX-TRN-2024:** 2" L x 2 3/8" W x 2 1/4" H (51mm x 60mm x 57mm)
CX-TRX-2012: 3" L x 2" W x 2 1/8" H (76mm x 51mm x 54mm)
CX-TRX-4024: 2" x 2 3/8" x 2 1/2" (51mm x 60mm x 64mm)
CX-TRX-2024: 2" L x 2 3/8" W x 2 1/2" H (51mm x 60mm x 64mm)
CX-TRX-5024: 2 1/8" L x 3 1/8" W x 2 5/16" (54mm x 80mm x 60mm)
CX-TRP-4016: 3 1/2" L x 2 1/2" W x 2 1/8" H (89mm x 64mm x 54mm)
CX-5024: 1" L x 3/4" W x 1/4" H (25mm x 19mm x 6mm)



CX-TRX-2012



CX-TRN-2024



CX-TRX-5024



CX-TRP-4016

MAGNETIC LOCKS

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

Camden CX-90 and CX-91 Series single door magnetic locks offer the best performance and value. There is a range of 300 Lbs., 600 Lbs. and 1200 Lbs. models with the option of a built-in 'TDS' module that provide an adjustable timer, lock sensor, door status switch, relay and LED.



FEATURES

- 1200 Lbs. and 600 Lbs. models are UL and CUL listed
- Weather and vandal resistant construction proven over thousands of installations
- Surface and mortise mount models
- Compatible with all access/egress systems
- Field selectable 12/24V DC operation
- On board MOV power surge protection prevents damage to mag lock
- A wide range of mounting brackets and spacers available
- Lifetime Warranty

300 LBS.

| | |
|-----------|--|
| CX-90M-03 | 300 Lbs. Mortise mount single door - basic |
| CX-90S-03 | 300 Lbs. Surface mount single door - basic |

600 LBS.

| | |
|---------------|--|
| CX-91M-06* | 600 Lbs. Mortise mount single door - basic |
| CX-91M-06TLS* | 600 Lbs. Mortise mount single door - with adjustable timer, lock sensor/relay |
| CX-91S-06* | 600 Lbs. Surface mount single door - basic |
| CX-91S-06TDS* | 600 Lbs. Surface mount single door - with adjustable timer, door status switch, lock sensor/ relay & LED |

1200 LBS.

| | |
|---------------|---|
| CX-91S-12* | 1200 Lbs. Surface mount single door - basic |
| CX-91S-12TDS* | 1200 Lbs. Surface mount single door - with adjustable timer, door status switch, lock sensor/ relay & LED |



CX-90S-03



CX-91S-06

SPECIFICATIONS

Voltage: 12/24V DC
 Current Draw: **CX-90 Series:**
 360mA@12 VDC
 180 mA@24 VDC

CX-91 Series:
 500mA@12V DC
 250mA@24V DC

Temp Range: 5F - 122F (-15C to 50C)

Contact Rating: TDS Version only
 Bond Sensor: 1A@30V DC
 Door Status Switch:
 0.5A@30V AC/DC

Time Delay: TDS Version only:
 0 to 30 Seconds

Dimensions: **CX-90S-03:**
 6 1/2" x 1 3/8" x 13/16"
 (165mm x 35mm x 21mm)

CX-90M-03:
 8" x 1 3/8" x 13/16"
 (203mm x 35mm x 21mm)

CX-91S-06:
 9 7/8" x 1 7/8" x 1"
 (251mm x 48mm x 25mm)

CX-91M-06:
 9" x 1 1/2" x 1 1/8"
 (229mm x 38mm x 29mm)

CX-91S-12:
 10 1/2" x 2 7/8" x 1 7/8"
 (267mm x 73mm x 48mm)

Armature Plate:

300 Lbs.:
 5 1/8" x 1 1/4" x 1/4"
 (130mm x 32mm x 6mm)

600 Lbs.:
 7 15/16" x 2 3/16" x 5/8"
 (202mm x 56mm x 16mm)

1200 Lbs.:
 7 15/16" x 3" x 5/8"
 (202mm x 76mm x 16mm)

■ CX-92 SERIES: DOUBLE DOOR MAGNETIC LOCKS

Camden CX-92 Series double door magnetic locks offer the best performance and value. There are 600 Lbs. and 1200 Lbs models available with the option of a built-in 'TDS' module, that provides an adjustable timer, lock sensor, door status switch, relay and LED.



FEATURES

- 1200 and 600 Lbs. models are UL and ULC listed
- Weather and vandal resistant construction proven over thousands of installations
- Compatible with all access/egress systems
- Field selectable 12/24V DC operation
- On board MOV power surge protection prevents damage to mag lock
- A wide range of mounting brackets and spacers available
- Lifetime warranty

600 LBS.

| | |
|--------------|---|
| CX-92S-06 | 600 Lbs. Surface mount double mag lock - basic |
| CX-92S-06TDS | 600 Lbs. Surface mount double doors - with adjustable timer, door status switch, lock sensor, relay & LED |

1200 LBS.

| | |
|--------------|---|
| CX-92S-12 | 1200 Lbs. Surface mount double door mag lock - basic |
| CX-92S-12TDS | 1200 Lbs. Surface mount double mag lock - with adjustable timer, door status switch, lock sensor, relay & LED |

SPECIFICATIONS

- Voltage: 12/24V DC
 Current Draw: 2 x 500mA@12V DC
 2 x 250mA@24V DC
 Temp Range: 5F to 122F (-15C to 50C)
 Contact Rating: TDS Models Only
 Bond Sensor: 1A@30V DC
 Door Status Switch: 0.5A@30V AC/DC
 Time Delay: TDS Models Only:
 0 to 30 Seconds
 Dimensions: **CX-92S-06:**
 19 5/8" x 1 7/8" x 1 1/16"
 (498mm x 48mm x 17mm)
CX-92S-12:
 21" x 2 7/8" x 1 7/8"
 (533mm x 73mm x 48mm)
Armature Plate:
600 Lbs.:
 2 x 7 15/16" x 2 3/16" x 5/8"
 2 x (202mm x 56mm x 16mm)
1200 Lbs.:
 2 x 7 15/16" x 3" x 5/8"
 2 x (202mm x 76mm x 16mm)



CX-92S-06



CX-92S-12

MAGNETIC LOCKS

■ CX-93 SERIES: SHEAR LOCKS

Camden CX-93M shear lock is designed for swinging doors, where the lock can be mortised into the door and frame. The CX-93M-26LS has a patented "self-aligning" feature and a remarkably low current draw, while providing 3,300 Lbs. of holding force.



FEATURES

- 3,300 Lbs. holding force
- Compatible with all access/egress systems
- Field selectable 12/24V DC operation
- Built-in lock sensor and relay
- On board MOV power surge protection prevents damage to mag lock
- Lifetime Warranty

MODEL

| | |
|-------------|--|
| CX-93M-26LS | 3,300 Lbs. Shear lock mortise mount with lock sensor and relay |
|-------------|--|

SPECIFICATIONS

| | |
|-----------------|--|
| Voltage: | 12/24V DC |
| Current Draw: | 600mA@12V DC 300mA@24V DC |
| Temp Range: | 14F to 122F (-10C to 50C) |
| Contact Rating: | Bond Sensor: 1A@30V DC |
| Dimensions: | 9 1/16" x 1 1/4" x 11/16" (230mm x 32mm x 27mm) |

■ CX-94 SERIES: GATE LOCKS

Camden CX-94S-12LS gate locks are rugged magnetic locks designed for outdoor applications. They offer exceptional performance and value with ultra low current draw, making them 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 12/24V DC operation
- On board MOV power surge protection prevents damage to mag lock
- Lifetime Warranty

MODEL

| | |
|-------------|--|
| CX-94S-12LS | 1200 Lbs. Surface mount gate lock with lock sensor and relay |
|-------------|--|

SPECIFICATIONS

| | |
|-----------------|---|
| Voltage: | 12/24V DC |
| Current Draw: | 500mA@12V DC 250mA@24V DC |
| Temp Range: | 5F to 122F (-15C to 50C) |
| Contact Rating: | Bond Sensor: 1A@30V DC |
| Dimensions: | 8" x 2 1/2" x 1 5/8" (203mm x 63.5mm x 41.5mm) |

■ CX-SERIES: MAGNETIC LOCK ACCESSORIES

Camden offers a wide variety of mounting brackets and filler plates for CX Series magnetic locks. These accessories are able to support virtually any installation requirement, including mounting on glass doors.

| ARMATURE HOUSING | |
|------------------|---|
| CX-0001 | Armature housing for 1200 Lbs. mag lock |
| CX-0011 | Armature housing for 600 Lbs. mag lock |

| BRACKETS | |
|----------|---|
| CX-1001 | Adjustable L bracket for 1200 Lbs. mag lock For use where the door frame does not provide an adequate mounting surface |
| CX-1011 | Adjustable L bracket for 600 Lbs. mag lock For use where the door frame does not provide an adequate mounting surface |
| CX-1002 | Set of L & Z brackets for 1200 Lbs. mag lock. For use on In swing doors |
| CX-1012 | Set of L & Z brackets for 600 Lbs. mag lock. For use on In swing doors |
| CX-1003 | Angle bracket for 1200 & 600 Lbs. mag locks For use where the door frame does not provide an adequate mounting surface |

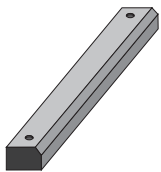
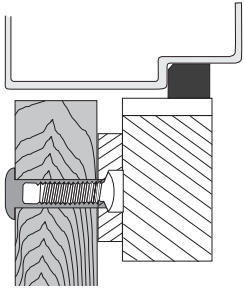
| SPACER BARS | |
|-------------|--|
| CX-AL004 | Spacer bar for 1200 & 600 Lbs. mag locks, 5/8" (16mm) thick Allows the Maglock to be moved vertically on the door frame |
| CX-AL014 | Spacer bar for 1200 & 600 Lbs. mag locks, 1/2" (12.7mm) thick Allows the Maglock to be moved vertically on the door frame |
| CX-AL005 | Spacer bar for 600 Lbs. mag lock, 3/8" (9.5mm) thick Allows the Maglock to be moved vertically on the door frame |
| CX-AL015 | Spacer bar for 1200 Lbs. mag lock, 3/8" (9.5mm) thick Allows the Maglock to be moved vertically on the door frame |

| MOUNTING KITS | |
|---------------|---|
| CX-1008 | Stainless steel surface mounting kit for Camden shear lock |
| CX-1013 | Glass door mounting kit - for 1200 Lbs. & 600 Lbs. mags. Use on 1/4" or 1/2" thick doors |

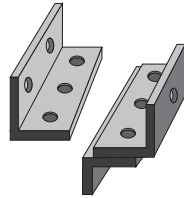
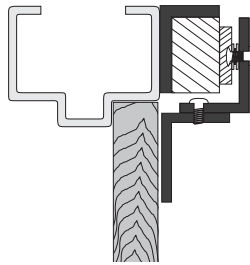


MAGNETIC LOCKS

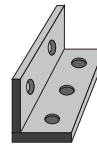
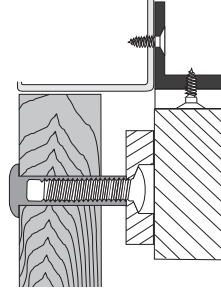
■ CX-SERIES: MAGNETIC LOCK ACCESSORIES



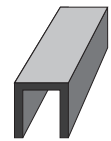
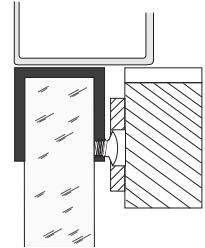
*CX-1004
Spacer Bar*



*CX-1002/CX-1012
Set of L & Z Brackets*



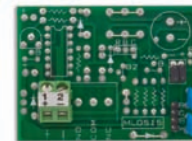
*CX-1001/CX-1011
Adjustable L Bracket*



*CX-1013
Glass Door
Mounting Kit*

REPLACEMENT PC BOARDS FOR CX-90, CX-91 & CX-92 SERIES

| | |
|-----------------|---|
| CX-91S-06PCB | For 600 Lbs. Magnet |
| CX-91S-06TLSPCB | For 600 Lbs. Magnet, TLS/TDS |
| CX-91S-12PCB | For 1200 Lbs. Magnetic Locks, V1, (Open pin connector) |
| CX-91S-12TLSPCB | For 1200 Lbs. Magnetic Locks, TLS and TDS models |
| CX-91S-12PCBV2 | For 1200 Lbs. Magnetic Locks, V2, (Locking pin connector) |



CX-91S-12PCB



CX-91S-12TLSPCB

■ CX-DA SERIES: DOOR PROP ALARMS

The new range of Camden door alarms feature a rugged design with heavy duty stainless steel faceplates, and provide an easy to implement solution to the common issue of doors being used, propped or held open without alerting facility or security staff. CX-DA100, CX-DA200 and CX-DA300 models are designed to offer an affordable solution for stand alone applications.



CX-DA100

CX-DA200

FEATURES

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

MODELS

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

SPECIFICATIONS

- Voltage: **CX-DA100:** 12 - 24 VDC
CX-DA200/300: 12/24V AC/DC
- Current Draw: **CX-DA100:** 18 mA
CX-DA200/300: 70mA
- Input: **CX-DA200/300:** (1) N/C
- Output: **CX-DA200/300:** (1) N/C SPST
- Alarm Delay Time: 0-60 seconds
- Contact Rating: **CX-DA200/300:** 500 mA @ 30 VDC
- Sounder: **CX-DA100:** 95 db.
CX-DA200/300: 80 db.
- Dimensions: **CX-DA100/200:** 2 3/4" x 4 5/8" x 1 1/2" (70mm x 117mm x 38mm)
CX-DA300: 4 5/8" x 4 5/8" x 1 1/2" (117mm x 117mm x 38mm)

■ CX-DA SERIES: DOOR MONITOR ALARMS

CX-DA400 double gang door monitor alarm features a rugged stainless steel faceplate, 4 inputs, 5 outputs and has a range of adjustable time delay functions. It is designed to complement any access control system by providing prop/door held open and intrusion/door forced open detection, as well as local alarm and reset.

FEATURES

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

MODELS

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



CX-DA300
CX-DA400

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 Status
N/O, N/C Intrusion/Tamper
N/O, N/C Bypass/Key Status
Remote LED
- Contact Rating: Form 'C', 1 Amp
- Time Delay: Auto Reset 0 sec. -5 min. /
Man. Alarm Delay 0 sec. - 5 min./Inf. Silent Time 0 sec. - 90 min.
- Sounder: High - 103 dB@ 3 ft.
Low - 96 dB@ 3 ft.
- Dimensions: 4 5/8" x 4 5/8" x 1 1/2" (117mm x 117mm x 38mm)

ADJUSTABLE TIME DELAYS

■ CX-1000/74: MICROMINDER

Camden's 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, via a simple potentiometer.

APPLICATIONS: Ideal for control of automatic door operators or (de) energizing electrified locks such as a strike or magnetic lock.



FEATURES

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

MODEL

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

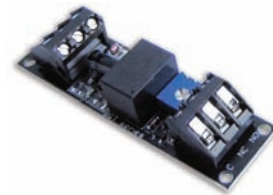
SPECIFICATIONS

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

■ CX-1000/75: MINIMINDER

Camden's CX-1000/75 is a flexible and easy to operate 'delay on release' circuit board timer. The delay time is adjustable from 1 to 15 seconds, via a simple potentiometer.

APPLICATIONS: Ideal for control of automatic door operators or (de) energizing electrified locks, such as a strike or magnetic lock. Circuit board design is ideal for mounting in a panel or a door operator cabinet.



FEATURES

- Adjustable delay from 1-15 seconds
- Circuit board design, easily installed in door operator case or electrical box/panel
- 3 year warranty
- Wiring terminals for easy installation

MODEL

| | |
|------------|------------|
| CX-1000/75 | MiniMinder |
|------------|------------|

SPECIFICATIONS

| | |
|------------------|--------------------------------------|
| Voltage: | 12/24V DC |
| Current Draw: | 10mA idle, 40mA operating |
| Input: | N/O dry contact |
| Contact Type: | Form 'C' (SPDT) |
| Contact Rating: | 2A @ 30V DC |
| Electrical Life: | 100,000 @ Rated Capacity |
| Time Delay: | 1 - 15 seconds |
| Dimensions: | 1 5/8" L x 29/32" W (41mm x 23mm) |
| Mounting: | Double sided foam tape |

■ CX-1000/77: MAXIMINDER

Camden's 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
- SPDT contacts with LED
- 12-24V DC
- SPDT contacts rated 5 Amps @ 24V DC

MODEL

| | |
|------------|------------|
| CX-1000/77 | MaxiMinder |
|------------|------------|

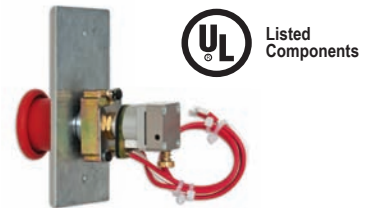
SPECIFICATIONS

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

■ CX-1085M: PNEUMATIC TIME DELAYS

Built tough for any indoor or outdoor application, CX-1085 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 for use where fire/building codes mandate a non-electrical (mechanical) means of breaking power to the locking device.



CX-1085M
*(Shown with 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 @ 30V DC
- To view Exit buttons with pneumatic timers, see Express™ CM-4000, 5000, 7000 and 8000 series product pages

MODELS

| | |
|----------|---|
| 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@30V DC |
| 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" x 1 3/8" x 2 1/4" (25mm x 35mm x 57mm) |

ADJUSTABLE TIME DELAYS

■ CX-247: 7 DAY TIMER

Camden's CX-247 is an affordable, compact and easy to program 7 day electronic timer that is designed for use in a wide range of control applications. The unit supports up to 17 'ON' & 'OFF' schedules per day and is available in 12 or 24 Volt models.

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

FEATURES

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

MODELS

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



SPECIFICATIONS

| | |
|------------------|--|
| Voltage: | 12V AC/DC or 24V AC/DC Models |
| Current Draw: | 0.1mA Idle, 10mA Operating |
| Response Time: | 0.3 Seconds |
| Backup: | Internal Permacell |
| Programs: | 17 |
| Output: | Form 'C' (SPDT) |
| Contact Rating: | 16A@30V DC |
| Electrical Life: | 250,000 @ Rated Capacity |
| Dimensions: | 2 3/8" L x 2 3/8" W x 1 1/4" D (60mm x 60mm x 32mm) |

DOOR CONTROL RELAYS

■ CX-12: SWITCHING NETWORK

Camden's CX-12 switching network has been designed for high reliability, improved security and easy installation. The controller operates as a make / break relay, and as a bi-directional door sequencer for control of two automatic door operators, with 3 adjustable time / delays.

APPLICATIONS: Ideal for automatic door applications with momentary or maintained inputs, with an input for connection to telephone entry systems and /or fire alarm systems.

FEATURES

- Bi-directional sequencing mode
- 3 adjustable delays, up to 30 seconds max.
- LED's for visual display
- Accepts wet or dry inputs
- 12-24 V AC/DC operation
- SPDT contacts rated 3 Amps @ 30V DC
- One shot design for security
- Input for connection to telephone entry system
- Maintained output for smoke EVAC
- Easily mounted with double side tape or fasteners
- 3 year warranty

MODEL

| | |
|-------|-------------------|
| CX-12 | Switching Network |
|-------|-------------------|



SPECIFICATIONS

| | |
|------------------|---|
| Voltage: | 12 - 24V AC/DC |
| Current Draw: | 20mA Idle, 60mA Operating |
| Response Time: | .3 Seconds |
| Input: | 2 Wet + 2 Dry, N/O |
| Operation: | One Shot, Maintained, or Sequencing |
| Output: | 2 x Form 'C' (SPDT) |
| Contact Rating: | 3A@30V DC |
| Electrical Life: | 100,000 @ Rated Capacity |
| Time Delay: | D.O.R. #1: 1-30 Seconds D.O.O. #2: 1-30 Seconds D.O.R. #2: 1-30 Seconds |
| Dimensions: | 2 1/4" L x 3 1/4" W x 3/4" D (57mm x 83mm x 19mm) |

■ CX-22: DUAL FUNCTION RELAY

Camden's CX-22 Dual Function Relay has all the market leading features of our CX-12 switching network with the added control of restroom doors in shared-use facilities.

APPLICATIONS: Economical control of door operators in restroom applications. May be used on normally unlocked, or normally locked restrooms, with full control of the electric lock and operator. Does not have a dedicated output for signage (See CX-33.)



FEATURES

- Micro-processor controlled
- 2 mode selector switch
- 3 adjustable timers, 1-30 seconds each
- LED's for visual confirmation
- May be used on normally locked and normally unlocked doors
- 12-24V AC/DC
- SPDT contacts rated 3 Amps @ 30V DC
- Accepts wet and dry inputs
- Use with fail-safe and fail-secure locks
- 3 year warranty

MODEL

| | |
|-------|---------------------|
| CX-22 | Dual Function Relay |
|-------|---------------------|

SPECIFICATIONS

Voltage: 12 - 24V AC/DC
 Current Draw: 20mA Idle, 60mA Operating
 Response Time: .3 Seconds
 Input: 2 Wet + 2 Dry, N/O
 Output: 2 x Form C (SPDT)
 Contact Rating: 3A@30V DC
 Electrical Life: 100,000 @ Rated Capacity
 Time Delay: D.O.R. #1: 1-30 Seconds
 D.O.O. #2: 1-30 Seconds
 D.O.R. #2: 1-30 Seconds
 Dimensions: 2 1/4" L x 3 1/4" W x 3/4" D
 (57mm x 83mm x 19mm)

■ CX-33: ADVANCED LOGIC RELAY

The CX-33 features 14 operating modes, with sub-modes, and easy programming with large LCD display and push button selection.

APPLICATIONS: Programmable modes include up to 3 door sequencing, airlocks, lock-out-relay, fire door in stairwells, and for control of automatic operators in restroom applications, with support of illuminated indicator of occupancy status.

NEW FEATURES:

'Lock Down' mode will enable a designated (N/O) momentary switch to disable door activation switches and simultaneously lock strikes/mag locks. Reset with separate (N/C) switch.

'Delayed Egress' Mode will immediately activate relay #1 and delay relays #2 and #3 for a pre-set time.



FEATURES

- 14 operating modes, with sub-modes. Selection and configuration with 3 push buttons
- Easily sequence multiple inputs with multiple maintain and hold outputs.
- Selectable time delays, with delay on input activation
- Large 3 segment (blue) LED display
- 'Tried and true' power circuitry ensures outstanding power filtering and surge protection.
- Larger terminal strips.
- Clear plastic case provides better protection of circuit board and easy mounting.
- 12-24V AC/DC
- 3 year warranty

MODEL

| | |
|-------|--|
| CX-33 | Advanced Logic Relay, 2" L x 6" W x 7/8" H (51mm x 152mm x 22mm) |
|-------|--|

SPECIFICATIONS

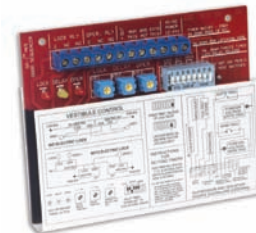
Voltage: 12 - 24V AC/DC
 Current Draw: 105mA, 320mA Max.
 Response Time: .5 Seconds
 Display: Blue LED: 1 Alpha/Numeric and 2 x 7-Segment
 Input: 4 x Dry
 1 x Wet: min. 4.5V AC/DC
 Output: 3 x Form 'C' (SPDT), 3 Amps
 Temp Range: -22°F to +185°F
 (-30°C to +85°C)
 Electrical Life: 100,000 Operations @ Rated Capacity
 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

DOOR CONTROL RELAYS

■ CX-SA1: DOOR SEQUENCER

The economical CX-SA1 features a momentary or extended trigger, two relays and 3 timers. The CX-SA1 will properly sequence an operator and electric lock (any kind) or two doors that form a vestibule, and it becomes a latching relay with the flick of a switch.

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



FEATURES

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

MODEL

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

SPECIFICATIONS

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

■ CX-PC-6: LOCK OUT / SECONDARY ACTIVATION MODULE RELAY

Camden's affordable and compact CX-PC6 lock out relay is used on automatic swing doors to 'lock-out' the safety sensor during the closing cycle, or as a secondary activation module (SAM) for low-energy doors activated by a push button.

APPLICATIONS: Lock out relay (LOR) for full-speed automatic door operators and low energy operators which may be DC, AC, electrohydraulic or pneumatically operated. Also used as a secondary activation module (SAM) for low energy doors.



FEATURES

- Suitable for any automatic door operator
- Also suitable for Power-assist-close operators
- Door beam input
- 12/24V AC/DC operation
- LED indicator
- 3 - 30 second timer
- Motor/solenoid input, 6 to 120V AC/DC
- 3 year warranty

MODEL

| | |
|---------|------------------------------|
| CX-PC-6 | Dual Function Lock-out Relay |
|---------|------------------------------|

SPECIFICATIONS

| | |
|------------------|--|
| Voltage: | 12/24V AC/DC |
| Current Draw: | 18mA, 40mA |
| Response Time: | .3 Seconds |
| Input: | LOR Mode: Motor: 3-120V AC/DC, Door Beam: N/O momentary SAM Mode: Activation: N/O Switch, Sensor |
| Output: | N/O Form C (SPDT) |
| Contact Rating: | 4A@120V AC/30V DC |
| Electrical Life: | 100,000 @ Rated Capacity |
| Time Delay: | D.O.R.: 0.5-30 Seconds |
| Dimensions: | 3 1/4" L x 2 1/4" W x 3/4" H (83mm x 57mm x 19mm) |

■ CX-EMF-2: MULTI-FUNCTION RELAY

EMF-2 is Camden's most sophisticated door control relay and is designed to easily and quickly support a variety of specialized door-control applications. A dedicated 12V/5V LED output suitable for an illuminated "Occupied" sign is also provided. The EMF-2 is 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), one or two-door unsecured washroom in shared-use facility, 2 or 3 door Airlock (with auto-crossing), 2 to 5 door Airlock and 2 door Mantrap. Used where 'Assistance Required' input/output required in restroom applications.



FEATURES

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

MODELS

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

SPECIFICATIONS

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

DOOR CONTACT SWITCHES

■ CX-MD SERIES: DOOR CONTACT SWITCHES

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

MODELS

| | |
|--------|--|
| CX-MDA | SPST magnetic contact, surface, white 15/16" gap |
| CX-MDC | SPDT magnetic contact, surface, white, 1" |
| CX-MDH | SPST recessed magnetic contact, 1 1/16" |



CX-MDA



CX-MDC



CX-MDH

SPECIFICATIONS

- Contact Ratings: 0.5A @ 30 VDC
 Loop: Closed
- CX-MDA**
 GAP: 15/16" (23mm)
 Contacts: Form 'A', Normally Open
 Connection: Screw Terminals
- CX-MDC**
 GAP: 1" (25mm)
 Contacts: Form 'C'
 Connection: Screw Terminals
- CX-MDH**
 GAP: 1 1/16" (27mm)
 Contacts: Form 'A', Normally Open
 Connection: 12" (305mm) 22 AWG Leads

ANNUNCIATORS

■ CM-AF500: SINGLE GANG LED ANNUNCIATORS

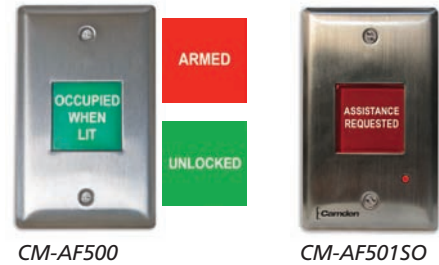
CM-AF500 Series single gang illuminated annunciators are designed to provide critical messages to building occupants. When not illuminated, the sign (text and/or graphics) is invisible. When illuminated, the text/graphics are highly visible - even in bright daylight. Weatherproof and vandal resistant,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

FEATURES

- CM-AF500: (6) message insert labels included, English, French and Bilingual
- CM-AF501SO: 'Assistance Required' label, with sounder. English, French and Bilingual
- CM-AF501SO: Adjustable 85dB sounder
- Custom messages (text, graphics and colors) available upon request
- 'Super bright' LEDs for high visibility, even in daylight
- Text/graphics is not legible when not illuminated
- Vandal and weather resistant construction
- Heavy gauge stainless steel face plate
- Low current draw
- 3 year warranty

MODELS

| | |
|------------|---|
| CM-AF500 | Single Gang LED Illuminated Annunciator. Labels included: 'OCCUPIED WHEN LIT', 'LOCKED WHEN LIT' (Green), 'OCCUPIED/OCCUPÉ' (Red & Green), 'ARMED' (Red) & 'UNLOCKED' (Green) |
| CM-AF501SO | Single gang LED annunciator with adjustable sounder, 'ASSISTANCE REQUESTED'. Add suffix 'F' for French, suffix 'FE' for bilingual |



SPECIFICATIONS

| | |
|---------------|---|
| Mounting: | Standard single gang electrical box |
| Voltage: | 12/24V AC/DC |
| Current Draw: | CM-AF500: 30 – 50 mA CM-AF501SO: 30 - 75mA |
| Temp Range: | 32°F - 176°F (0°C - 80°C) |
| Construction: | 18 gauge stainless steel faceplate |
| Std. Finish: | US 32/C32D |
| Sounder: | CM-501SO: Adjustable, 85dB @ 10cm max. |
| Dimensions: | 4 1/2" H x 2 3/4" W x 9/16" D (114mm x 70mm x 15mm) |

■ CM-AF141SO: DOME LIGHT/ANNUNCIATOR

CM-AF141SO single gang LED dome light and sounder provides 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 Requested' text, in red. French and bilingual language text available.



FEATURES

- Compact single gang design
- Impact resistant polycarbonate
- Weather resistant for outdoor applications, gasket included
- 'Assistance Required' text. English, French and Bilingual
- Adjustable 93 dB sounder
- 'Super bright' LEDs for high visibility, even in daylight
- Low current draw
- 3 year warranty

NOTE: Replacement to CM-AF140SO, available Q2 2017.

MODELS

| | |
|------------|--|
| CM-AF141SO | Single Gang Dome Light, 12/24V AC/DC, w/ adjustable sounder, English |
|------------|--|

SPECIFICATIONS

| | |
|---------------|--|
| Mounting: | Single gang electrical box |
| Voltage: | 12/24V AC/DC |
| Current Draw: | 40 - 60 mA |
| Temp Range: | 32°F - 176°F (0°C - 80°C) |
| Finish: | White |
| Sounder: | Adjustable, 93dB @ 1 meter max. |
| Dimensions: | 4 1/2" H x 3" W x 2" D (114mm x 76.2mm x 51mm) |

■ CX-LED : SINGLE GANG LED PLATES

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

FEATURES

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



CX-LED1



CX-LED2

MODELS

| | |
|---------|--------------------------------------|
| CX-LED1 | Single gang, 1 LED, blank, 12/28 VDC |
| CX-LED2 | Single gang, 2 LED, blank, 12/28 VDC |

SPECIFICATIONS

Voltage: 12/24 VDC
 Current Draw: 7 mA @ 12V, 17 mA @ 24V (each LED)
 Dimensions: 4 1/2"H x 2 3/4"W x 1 1/2"D (114mm x 70mm x 38mm)

LED COLOR

| | |
|-------|--|
| CX-R | Add 'R' to model number for red LED, mounted in faceplate |
| CX-G | Add 'G' to model number for green LED, mounted in faceplate |
| CX-RG | Add 'RG' to model number for (1) red LED and (1) green LED, mounted in faceplate |

NOTE: If not specified, 'RED' will be supplied

OPTIONS: (Add suffix to model above)

FACEPLATE GRAPHIC OPTIONS CX-LED1

| | | | | |
|--------------------------|--------------------------------------|--|--|------------------------|
| OCCUPIED CX-xx/50 | OCCUPIED WHEN LIT CX-xx/51 | DOOR LOCKED WHEN LIT CX-xx/52 | ASSISTANCE REQUIRED CX-xx/53 | IN USE CX-xx/54 |
|--------------------------|--------------------------------------|--|--|------------------------|

FACEPLATE GRAPHIC OPTIONS CX-LED2

| | | |
|------------------------------------|--|-----------------------------------|
| OCCUPIED VACANT CX-xx/55 | DOOR LOCKED DOOR UNLOCKED CX-xx/56 | ARMED DISARMED CX-xx/57 |
|------------------------------------|--|-----------------------------------|

RESTROOM CONTROL KITS

■ CX-WC: RESTROOM CONTROL KITS

Camden Door Controls offers an industry-leading range of packages designed specifically for the control of automatic doors in restroom applications. These kits feature a number of innovative and exclusive products that are not available elsewhere, including the CM-AF500 single gang annunciator (providing 'OWL' signage that is not legible when unit is not lit) CX-33 advanced logic relay (providing exclusive operation modes for restroom control) and Aura™ illuminated push plate switches (that combine 'OWL' annunciation and door activation in one product).

Note: Restroom control kits may not include all 'PUSH TO OPEN' push plate switches that may be required for a complete installation. Please reference the specific products sold in each kit.



Listed Components



Compliant

SPECIFICATIONS

| | |
|---------------|----------------|
| Current Draw: | CX-WC10: 320mA |
| | CX-WC11: 360mA |
| | CX-WC12: 360mA |
| | CX-WC13: 540mA |
| | CX-WC14: 830mA |
| | CX-WC15: 720mA |
| | CX-WC16: 460mA |

| MODELS | |
|-----------|---|
| CX-WC10 | <p>BASIC PUSH BUTTON SYSTEM</p> <p>CX-33 Advanced Logic Control, CM-400R/8 Mushroom Button (PUSH TO LOCK), CX-MDA Magnetic Door Contact.</p> <p>Add suffix 'F' to model number for French language.</p> |
| CX-WC11 | <p>PUSH BUTTON AND ANNUNCIATOR SYSTEM</p> <p>CX-33 Advanced Logic Control, CM-400R/8 Mushroom Button (PUSH TO LOCK), CM-AF500 Single Gang LED Annunciator, CX-MDA Magnetic Door Contact.</p> <p>Add suffix 'F' to model number for French language.</p> |
| CX-WC12 | <p>4 1/2" PUSH PLATE AND ANNUNCIATOR SYSTEM</p> <p>CX-33 Advanced Logic Control, CM-40/8 All Active™ Push Plate Switch (PUSH TO LOCK), CM-AF500 Single Gang LED Annunciator, CX-MDA Magnetic Door Contact</p> <p>Add suffix 'F' to model number for French language.</p> |
| CX-WC13FM | <p>FLUSH MOUNT AURA™ ILLUMINATED PUSH PLATE SWITCH SYSTEM</p> <p>CX-33 Advanced Logic Control, CM-45/855SE1 4 1/2" Illuminated Push Plate Switch (PUSH TO LOCK), with sign, CM-45/455SE1 4 1/2" Illuminated Push Plate (Wheelchair symbol and PUSH TO OPEN), with sign, and CX-MDA Magnetic Door Contact.</p> <p>Add suffix 'F' to model number for French language.</p> |
| CX-WC13SM | <p>SURFACE MOUNT AURA™ ILLUMINATED PUSH PLATE SWITCH SYSTEM</p> <p>As above, CM-45/854SE1 4 1/2" Illuminated Push Plate Switch (PUSH TO LOCK), with sign and CM-45/454SE1 4 1/2" Illuminated Push Plate (Wheelchair symbol and PUSH TO OPEN), with sign, and CX-MDA Magnetic Door Contact.</p> <p>Add suffix 'F' to model number for French language.</p> |



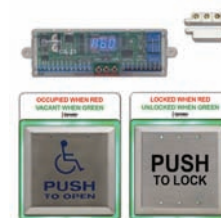
CX-WC10



CX-WC11



CX-WC12



CX-WC13FM

| MODELS | |
|-----------|---|
| CX-WC14FM | <p>FLUSH MOUNT TWO DOOR RESTROOM SYSTEM</p> <p>CX-EMF-2 Multi-Function Relay, CM-45/855SE1 4 1/2" Illuminated Push Plate Switch (PUSH TO LOCK), with sign, (2) CM-45/455SE1 4 1/2" Illuminated PushPlate Switch (PUSH TO OPEN), with sign, (2) CX-MDA Magnetic Door Contact. CX-EMF-2 also provides option for timed unlock and strobe annunciator illumination. Add suffix 'F' to model number for French language.</p> |
| CX-WC14SM | <p>SURFACE MOUNT TWO DOOR RESTROOM SYSTEM</p> <p>As above, CM-45/854SE1 4 1/2" Illuminated Push Plate Switch (PUSH TO LOCK), with sign and CM-45/454SE1 4 1/2" Illuminated Push Plate (Wheelchair symbol and PUSH TO OPEN), with sign. Add suffix 'F' to model number for French language.</p> |
| CX-WC15FM | <p>FLUSH MOUNT 'ASSISTANCE REQUIRED' RESTROOM SYSTEM</p> <p>CX-EMF-2 Multi-Function Relay, CM-45/855SE1 4 1/2" Illuminated Push Plate Switch (PUSH TO LOCK), with sign, CM-45/455SE1 4 1/2" Illuminated Push Plate Switch (PUSH TO OPEN), with sign, CM-450R/12 Mushroom Push Button 'PUSH FOR EMERGENCY ASSISTANCE', CX-MDA Magnetic Door Contact. CX-EMF-2 also provides option for timed unlock and strobe annunciator illumination. Add suffix 'F' to model number for French language.</p> |
| CX-WC15SM | <p>SURFACE MOUNT 'ASSISTANCE REQUIRED' RESTROOM</p> <p>As above, CM-45/854SE1 4 1/2" Illuminated Push Plate Switch (PUSH TO LOCK), with sign and CM-45/454SE1 4 1/2" Illuminated Push Plate (Wheelchair symbol and PUSH TO OPEN), with sign. Add suffix 'F' to model number for French language.</p> |
| CX-WC16 | <p>TOUCHLESS SWITCH RESTROOM SYSTEM</p> <p>CM-331/43S-SGLR 'WAVE TO LOCK' switch w/ light ring and sign, CM-331/42SWS-SGLR 'WAVE TO OPEN' switch w/ light ring and sign, CM-325/42SW 'WAVE TO OPEN' switch, CX-33 advanced logic controller, CX-MDA magnetic door contact. Add suffix 'F' to model number for French language.</p> |



CX-WC14FM



CX-WC15FM



CX-WC16

RESTROOM CONTROL KITS

■ CX-WEC SERIES: EMERGENCY CALL FOR UNIVERSAL RESTROOM KITS

Camden Door Control CX-WEC Series is an equipment package designed to meet the latest building code requirements for universal restrooms. Emergency Call for Universal Restroom Kits may be installed in restrooms without an automatic door operator or with Camden CX-WC Series barrier free restroom kits (with operator).

Note: CM-AF141SO dome light with sounder replaces CM-AF140SO, available Q2 2017



SPECIFICATIONS

Current Draw: CX-WEC10/11: 165mA

| EMERGENCY CALL FOR UNIVERSAL RESTROOM KITS | |
|--|---|
| CX-WEC10 | <p>UNIVERSAL RESTROOM KIT FOR USE WITHOUT AUTOMATIC DOOR OPERATOR, OR WITH CX-WC 10, 11, 12, 13 & 14 BARRIER-FREE RESTROOM CONTROL KIT.</p> <p>CM-450R/12 'PRESS FOR EMERGENCY ASSISTANCE' mushroom push button, CM-AF501SO LED annunciator with sounder, CM-AF141SO Dome light with sounder and CM-SE21A white panel sign 6" H X 10 5/8" W (152mm x 270mm). Add suffix 'F' to model number for French language.</p> |
| CX-WEC10FE | <p>BILINGUAL UNIVERSAL EMERGENCY CALL KIT FOR USE WITHOUT AUTOMATIC DOOR OPERATOR, OR WITH CX-WC 10, 11, 12, 13 & 14 BARRIER-FREE RESTROOM CONTROL KIT.</p> <p>CM-450R/12FE 'PRESS FOR EMERGENCY ASSISTANCE' mushroom push button, CM-AF501SOFE LED annunciator with sounder, CM-AF141SOFE Dome light with sounder, CM-SE21A Eng. white panel sign and CM-SE20A Fr. white panel sign 6" x 10 5/8" (152 x 270mm).</p> |
| CX-WEC11 | <p>UNIVERSAL RESTROOM KIT FOR USE WITH CX-WC15 BARRIER-FREE RESTROOM CONTROL KIT.</p> <p>As above without CM-4050R/12 push button. Add suffix 'F' to model number for French language.</p> |
| CX-WEC12 | <p>UNIVERSAL EMERGENCY CALL KIT WITH PUSH BUTTON RESET. FOR USE WITH MOMENTARY 'PRESS FOR EMERGENCY ASSISTANCE' SWITCHES (EXTRA)</p> <p>CM-AF501SO LED annunciator/sounder, CM-AF141SO Dome light/sounder, CM-SE21 white panel sign, CX-LRS 24V latching relay assembly, CM-8010/13 momentary, 'PRESS TO RESET' 1" red push button. Add suffix 'F' to model number for French language.</p> |
| CX-WEC13 | <p>UNIVERSAL EMERGENCY CALL KIT WITH KEY SWITCH RESET. FOR USE WITH MOMENTARY 'PRESS FOR EMERGENCY ASSISTANCE' SWITCHES (EXTRA)</p> <p>CM-AF501SO LED annunciator/sounder, CM-AF141SO Dome light/sounder, CM-SE21 white panel sign, CX-LRS 24V latching relay assembly, CM-1205/14 momentary, 'W/C SYSTEM RESET' key switch and CM-1000/60KD, key cylinder. Add suffix 'F' to model number for French language.</p> |

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



CX-WEC10

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



CX-WEC11

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



CX-WEC12

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



CX-WEC13

RESTROOM CONTROL KITS

EMERGENCY CALL - COMPONENTS

| | |
|--------------|--|
| CM-450R/12 | Mushroom Push button, single gang, stainless steel faceplate, push/pull, 'PRESS FOR EMERGENCY ASSISTANCE'. Add suffix 'F' to model number for French language. For additional contracts to connect additional notification devices or systems, order CM-4000/50N (N/O) or CM-4000/60N (N/C). |
| CM-450R/12FE | Bilingual Mushroom Push button, single gang, stainless steel faceplate, push/pull, 'PRESS FOR EMERGENCY ASSISTANCE' and Fr. language sign, laser etched with brushed stainless finish. |
| CM-AF501SO | Single gang LED annunciator with adjustable sounder, 'ASSISTANCE REQUESTED'. Add suffix 'F' to model number for French language. Add suffix 'FE' to model number for English & French Bilingual language. |
| CM-AF540SO | Double gang, stainless steel faceplate, push/pull mushroom push button, red, 'ASSISTANCE REQUIRED', w/ LED annunciator and adjustable sounder, 'ASSISTANCE REQUESTED'. |
| CM-AF140SO | Single gang dome light with sounder, 'ASSISTANCE REQUIRED'. |
| CM-AF141SO | Single gang dome light with adjustable sounder, 'ASSISTANCE REQUIRED'. Add suffix 'F' to model number for French language. Add suffix 'FE' to model number for English & French Bilingual language. |
| 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' |
| 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-450R/12



CM-AF501SO



CM-AF540SO

**NEW
PRODUCT**



CM-AF141SO

**NEW
PRODUCT**



CM-LRS12

**NEW
PRODUCT**

EMERGENCY CALL - OPTIONAL SIGNAGE

| | |
|----------|--|
| CM-SE21B | English sign, white self adhesive vinyl, 6" H x 10 5/8" W (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, white self adhesive vinyl, 6" X 10 5/8" (152mm x 270mm). 'DANS LE CAS D'UNE URGENCE POUSSER LE BOUTON D'URGENCE POUR ACTIVER LE SIGNAL SONORE ET VISUEL' |



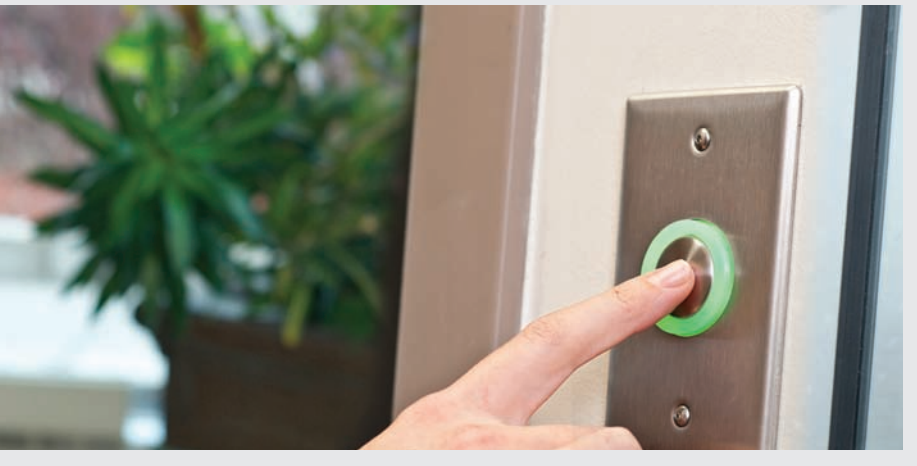
CM-SE21A



CM-SF20A

POWER OPTION

| | |
|-------------|--|
| CX-TRX-5024 | 24VAC, 50VA standard mount transformer |
|-------------|--|



35 ILLUMINATED PUSH BUTTONS

- 35 **CM-30 Series:** Square Illuminated Push/Exit Switch
- 36 **CM-300/310 Series:** Rectangular Illuminated Switch
- 37 **VANDAL RESISTANT PUSH BUTTONS**
- 37 **CM-9000/9100:** Mechanical Vandal Resistant Push/Exit Switch
- 38 **CM-9280/9380:** 1" Piezoelectric Push/Exit Switch
- 39 **CM-9600/9610:** Illuminated Piezoelectric Push/Exit Switch
- 40 **CM-9700/9710:** 2" Piezoelectric Push/Exit Switch

41 MEDIUM DUTY VANDAL RESISTANT PUSH BUTTONS

- 41 **CM-7000/7100 Series:** Push/Exit Switch - Recessed Button
- 42 **CM-8000/8100 Series:** Push/Exit Switch - Extended Button

43 MUSHROOM PUSH BUTTONS

- 43 **CM-400 Series:** 1 5/8" Mushroom Push Button with Single Gang Stainless Steel Faceplate
- 44 **CM-500 Series:** 1 5/8" Mushroom Push Button with Double Gang Stainless Steel Faceplate
- 45 **CM-3000/3100 Series:** Illuminated Mushroom Push Button
- 46 **CM-4000/4100:** 1 5/8" Mushroom Push Button with Aluminum Faceplate
- 47 **CM-5000 Series:** 2 3/8" Mushroom Push Button with Aluminum Faceplate
- 48 **CM-6000 Series:** Locking Push Buttons

48 ROCKER SWITCHES

- 48 **CM-800 Series:** Rocker Switches

DOOR ACTIVATION DEVICES



49 ECONOMY PUSH BUTTONS

49 **CM-250 Series:** Stainless Steel Faceplates

50 PARTS FOR PUSH BUTTONS

50 Parts for Push Buttons

52 HANDS-FREE SWITCHES

52 **Active Infrared Hands-Free Switches**

55 PULL STATIONS

55 **CM-700 Series:** Pull Stations

56 DETECTOR

56 **CM-RQE70:** PIR 'Request to Exit' Detector

57 ALL-ACTIVE SWITCHES

57 **CM-25 & CM-35 Series:** Narrow & Single Gang Push Plate Switches

58 **CM-2510 & CM-2520 Series:** Vestibule and Combo Key Switch

59 **CM-40, CM-41 & CM-60 Series:** Round Push Plate Switches

60 **CM-45/46 Series:** Stainless Steel 4 1/2" Square Push Plates

60 **CM-46CB Series:** Blue Aluminium 4 1/2" Square Push Plates

61 **CM-54, CM-55 & CM-57 Series:** Illuminated Push Plate Enclosures & Switch Kits

64 **CM-75: Column™** 36" and 9" Push Plate Switches

65 **Enclosures and Mounting Boxes**

67 **CM-49, 79, 59S & 89S:** Surface and Flush Mount Escutcheons

68 **Mounting Posts**

69 **Camden Switch and Enclosure Compatibility Chart**

71 WIRELESS DOOR CONTROLS

71 **Lazerpoint RF:** 915Mhz. Wireless Door Control System

73 **Lazerpoint RF:** 915Mhz. Wireless Switch Kits

75 **Narrow Band:** 318Mhz. Wireless Door Controls

76 KEY SWITCHES

76 **CM-1000 Series:** Surface Mount Key Switches - Cast Aluminum Faceplate

77 **CM-1100/CM-2000:** Flush Mount Key Switches - Cast Aluminum Faceplate

78 **CM-1200/CM-2200 Series:** Flush Mount Key Switches - Stainless Steel Faceplate

79 **CM-3200 & CM-3500 Series:** Double Gang Key Switches - Stainless Steel Faceplate

80 **LED Options for Key Switches**

81 PARTS FOR KEY SWITCHES

81 Parts for Key Switches

82 AUTOMATIC DOOR CONTROL SWITCHES

82 **CM-160/170/180 Series:** Key Switches

83 **CM-190 Series:** Toggle Switches

84 POWER TRANSFER CABLES

84 **CM-PT:** Heavy-Duty Power Transfer Cables

84 PRESSURE GAUGES

84 **CM-PG:** Pressure Gauges

85 KEYPADS

86 **CM-120:** Flush Mount Wired & Wireless Keypads

87 **CM-110SK & CM-550SK:** Surface Mount Keypads

88 **CM-600 Series:** Piezoelectric Keypads

ILLUMINATED PUSH BUTTONS

CM-30 SERIES: SQUARE ILLUMINATED PUSH/EXIT SWITCH

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

Where electronic time delay is required (i.e. door held open), Camden offers model CM-30EE with double break circuitry.



CM-30E

CM-30EE

SPECIFICATIONS

| | |
|-----------------|---|
| Voltage: | 12/24 VDC |
| Contact Type: | SPDT Form 'C' |
| Contact Rating: | 10A@30V DC |
| Switch Type: | Momentary |
| Current Draw: | LED Bulb: 14mA Std. Bulb: 80mA |
| Std. Finish: | US32 / C32D |
| Dimensions: | CM-30EE: 4 1/2" H x 2 3/4" W x 2 1/2" D (114mm x 70mm x 64mm) CM-30C/U: 4 1/2" H x 2 3/4" W x 1 7/8" D (114mm x 70mm x 48mm) |

FEATURES

- High visibility 2" square button
- 'C' and 'U' models offer the largest selection of insert labels (see info below for labels included)
- CM-30EE: 30 second fixed timer
- CM-30AT: 30 second adjustable timer
- Single gang stainless steel faceplate
- Optional LED's provide super-bright operation and longevity (10 yr estimate)
- 3yr. 'Camden Tough' warranty with '2 for 1' replacement

'UNIVERSAL' MULTI LABELS SWITCHES

| | |
|--------|--|
| CM-30C | (14) English and French insert labels, 12V - 28V incandescent. (Red and Green): 'PUSH TO EXIT', 'EXIT', 'OCCUPIED WHEN LIT', bilingual versions and wheelchair symbol. |
| CM-30U | (12) English and Spanish insert labels, 12V - 28V incandescent. (Red and Green): 'PUSH TO EXIT', 'EXIT', 'OCCUPIED WHEN LIT' and wheelchair symbol. |

'ECONOMICAL' ONE LABEL SWITCHES

| | |
|--------|---|
| CM-30E | (1) English 'PUSH TO EXIT', 12-28V incandescent |
|--------|---|

SWITCH WITH FIXED 30 SEC. TIMER

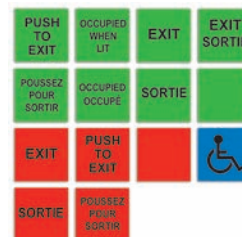
| | |
|---------|---|
| CM-30EE | 2" Green 'PUSH TO EXIT' button with built-in 30 second timer, in-wall mounting box included |
|---------|---|

SWITCH WITH ADJUSTABLE 30 SEC. TIMER

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

OPTIONS: (Add suffix and cost to model above)

| LED OPTION | |
|------------|---------------------|
| CM-xx/LED | LED bulb, 12/24 VDC |



CM-30C Labels



CM-30U Labels

ILLUMINATED PUSH BUTTONS

CM-300/310 SERIES: RECTANGULAR ILLUMINATED SWITCH

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 maglock will be interrupted by pressing the button should the timer or request to exit sensor malfunction.



CM-300RE



CM-310EE

FEATURES

- Single gang or narrow stainless steel faceplates
- 1/2" by 3/4" illuminated buttons
- Available in Red and Green
- Operates on 12/24V AC/DC
- 3yr. 'Camden Tough' warranty with '2 for 1' replacement

SINGLE GANG FACEPLATE

| | |
|-------------|---|
| CM-300 | Blank faceplate, SPDT Momentary |
| CM-300E | 'EXIT' button graphics, SPDT Momentary |
| CM-300RPTE* | 'PUSH TO EXIT' faceplate graphics, SPDT Momentary |

NARROW FACEPLATE

| | |
|-------------|---|
| CM-310 | Blank faceplate, SPDT Momentary |
| CM-310E | 'EXIT' faceplate graphics, SPDT Momentary |
| CM-310RPTE* | 'PUSH TO EXIT' faceplate graphics, SPDT Momentary |
| CM-310EE* | 'PUSH TO EXIT' faceplate graphics, built-in 30 second electronic timer, green button only |

SPECIFICATIONS

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

OPTIONS: (Add suffix and cost to model above)

FACEPLATE GRAPHIC OPTIONS

| | | | |
|---------|----------|----------|---------|
| | | | |
| CM-xx/3 | CM-xx/3F | CM-xx/3S | CM-xx/8 |

NOTE: All faceplate graphics are in black

BUTTON GRAPHIC OPTIONS

| | |
|---------|----------|
| | |
| CM-xxxS | CM-xxxSA |

NOTE: All button texts are in black

BUTTON COLOR OPTIONS

| | |
|---------|-------------------------------------|
| CM-xxxR | Add 'R' to model # for Red button |
| CM-xxxG | Add 'G' to model # for Green button |

NOTE: If not specified, 'RED' will be supplied

LED OPTION

| | |
|-----------|---------------------|
| CM-xx/LED | LED bulb, 12/24 VDC |
|-----------|---------------------|

VANDAL RESISTANT PUSH BUTTONS

■ CM-9000/9100: MECHANICAL VANDAL RESISTANT PUSH / EXIT SWITCH

CM-9000 and CM-9100 series push/exit buttons are all-metal construction and will 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. Also available with an optional US40 (duranodic) finish.



FEATURES

- Steel button will withstand extreme attacks of all types
- Button is countersunk in heavy 1/4" 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

SPECIFICATIONS

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

SINGLE GANG FACEPLATE








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

JAMB (NARROW FACEPLATE)

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

OPTIONS: (Add suffix and cost to model above)

FACEPLATE GRAPHIC OPTIONS

| | | | |
|---|--|---|---|
|  CM-xx/2 |  CM-xx/3 |  CM-xx/3F |  CM-xx/3S |
|  CM-xx/7F |  CM-xx/8 |  CM-xxxE | |

NOTE: All faceplate graphics are in black

FACEPLATE FINISHES

| | |
|-------------|-------------------------|
| CM-xxxx-DUR | Duranodic (US40) finish |
|-------------|-------------------------|



CM-9080PTE



CM-9080/3F



CM-9180



CM-9180PTE

VANDAL RESISTANT PUSH BUTTONS



CM-9280/9380: 1" PIEZOELECTRIC PUSH/EXIT SWITCH

CM-9280/CM-9380 Series Vandal Resistant Switches are heavy duty push buttons which feature a patented one-piece non-moving design, virtually impervious to attack or compromise. Buttons are 1" (25 mm) diameter in either red or green. A stainless steel faceplate and security screws accompany every switch.

FEATURES

- All metal construction, no moving parts
- Heavy duty stainless steel faceplates
- Available in narrow (jamb) width and single gang width
- Indoor / outdoor applications
- Available with red or green buttons
- Lifetime Warranty

SINGLE GANG FACEPLATE

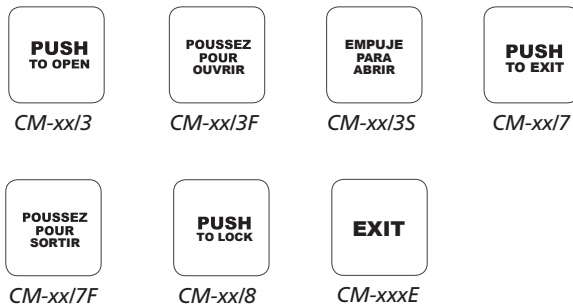
| | |
|---------|--|
| CM-9280 | Single Gang Piezoelectric Push Button, blank faceplate |
|---------|--|

NARROW FACEPLATE

| | |
|---------|---|
| CM-9380 | Narrow Piezoelectric Push Button, blank faceplate |
|---------|---|

OPTIONS: (Add suffix and cost to model above)

FACEPLATE GRAPHIC OPTIONS



NOTE: All faceplate graphics are in black

BUTTON COLOR

| | |
|---------|-------------------------------------|
| CM-xxxR | Add 'R' to model # for Red button |
| CM-xxxG | Add 'G' to model # for Green button |

NOTE: If not specified, 'RED' will be supplied

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.

SPECIFICATIONS

Voltage: 0-40V DC
 Current Rating: 200mA Typical
 400mA Maximum
 Output: Solid State N/O
 Resistance: "ON" Less than 50 Ohms
 "OFF" Greater than 5 MOhms
 Switch Type: Momentary
 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 5/8" D
 (114mm x 70mm x 16mm)
Jamb Width:
 4 1/2" H x 1 3/4" W x 5/8" D
 (114mm x 44mm x 16mm)



CM-9280R



CM-9380G

VANDAL RESISTANT PUSH BUTTONS

■ CM-9600/9610: ILLUMINATED PIEZOELECTRIC PUSH / EXIT SWITCH

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. Illumination and power relay is 12 to 24 VDC.

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



CM-9600/7



CM-9610/3

FEATURES

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

SPECIFICATIONS

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

SINGLE GANG FACEPLATE

| | |
|---------|--|
| CM-9600 | Illuminated piezoelectric push button, blank faceplate |
|---------|--|

NARROW FACEPLATE

| | |
|---------|--|
| CM-9610 | Illuminated piezoelectric push button, blank faceplate |
|---------|--|

OPTIONS: (Add suffix and cost to model above)

FACEPLATE GRAPHIC OPTIONS



CM-xx/3



CM-xx/3F



CM-xx/3S



CM-xx/7



CM-xx/7F



CM-xx/8



CM-xxxE

NOTE: All faceplate graphics are in black

REMOTE ACTIVATION / CONTROL

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

VANDAL RESISTANT PUSH BUTTONS

CM-9700/9710: 2" PIEZOELECTRIC PUSH/EXIT SWITCH

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



FEATURES

- One piece aluminum construction
- No moving parts, virtually impervious to vandalism
- Lifetime 'Camden Tough' warranty with '2 for 1' replacement
- 3 labels included: 'U' models with English & Spanish labels, 'C' models with English & French labels
- No power required to operate

SINGLE GANG FACEPLATE

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

NARROW FACEPLATE

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

SPECIFICATIONS

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

NOTE: This switch is intended for connection to 'low load' automatic door operators or access control systems. An external relay is typically required for connection to 'high loads', such as electric strikes and magnetic locks
CM-9700, CM-9710, 'SP', 'F' and 'H' models are discontinued, as new 'U' and 'C' version include those message labels.



CM-9700U



CM-9700C



CM-9710U



CM-9710C

MEDIUM DUTY VANDAL RESISTANT PUSH BUTTONS

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

CM-7000 Series push/exit switches are vandal resistant, and designed and manufactured to meet the stringent demands of exit controls. They are supplied with a 1/4" thick heavy duty brushed aluminum plate in single gang or narrow widths. Optional duranodic (US 40) finish is also available. CM-7000 Series Recessed Buttons are specially designed to limit accidental activation (not suitable for ADA applications) and to provide protection from vandalism.



CM-7000R



CM-7100R

FEATURES

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

SPECIFICATIONS

Voltage: 12/24V DC
 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@30V DC
 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 sec 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 sec pneumatic time delay |

OPTIONS: (Add suffix and cost to model above)

BUTTON ENGRAVED GRAPHIC OPTIONS



CM-xxxE



CM-xxxS



CM-xxxSA

NOTE: All button texts are in white

BUTTON COLOR

| | |
|---------|-------------------------------------|
| CM-xxxR | Add 'R' to model # for Red button |
| CM-xxxG | Add 'G' to model # for Green button |

NOTE: If not specified, 'RED' will be supplied

FACEPLATE FINISHES

| | |
|-------------|-------------------------|
| CM-xxxx-DUR | Duranodic (US40) finish |
|-------------|-------------------------|

FACEPLATE GRAPHIC OPTIONS



CM-xx/3



CM-xx/3F



CM-xx/3S



CM-xx/7



CM-xx/7F



CM-xx/8

NOTE: All faceplate graphics are in black

ADDITIONAL CONTACT

| | |
|------------------|------------------------|
| CM-xxxx-4000/60N | Additional N/O circuit |
| CM-xxxx-4000/61N | Additional N/C circuit |

MEDIUM DUTY VANDAL RESISTANT PUSH BUTTONS

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



Listed Components



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

SPECIFICATIONS

Voltage: 12/24V DC
 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@30V DC
 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 sec 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 sec pneumatic time delay |

OPTIONS: (Add suffix and cost to model above)

BUTTON ENGRAVED GRAPHIC OPTIONS



CM-xxxE



CM-xxxS



CM-xxxSA

NOTE: All button texts are in white

BUTTON COLOR

| | |
|---------|-------------------------------------|
| CM-xxxR | Add 'R' to model # for Red button |
| CM-xxxG | Add 'G' to model # for Green button |

NOTE: If not specified, 'RED' will be supplied

FACEPLATE FINISHES

| | |
|-------------|-------------------------|
| CM-xxxx-DUR | Duranodic (US40) finish |
|-------------|-------------------------|

FACEPLATE GRAPHIC OPTIONS



CM-xx/2



CM-xx/3



CM-xx/3F



CM-xx/3S



CM-xx/4



CM-xx/7



CM-xx/7F



CM-xx/8

NOTE: All faceplate graphics are in black except wheelchair and wheelchair + text in blue

ADDITIONAL CONTACT

| | |
|------------------|------------------------|
| CM-xxxx-4000/60N | Additional N/O circuit |
| CM-xxxx-4000/61N | Additional N/C circuit |

MUSHROOM PUSH BUTTONS

CM-400 SERIES: 1 5/8" MUSHROOM PUSH BUTTON WITH SINGLE GANG 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 option supplied with stainless steel finish sign, placed above switch.



CM-400R/8



CM-400RE

FEATURES

- 1 5/8" (40mm) diameter button
- Vandal resistant 18 gauge stainless steel faceplate
- Vandal resistant free-spinning, heavy-duty button
- 3yr. 'Camden Tough' warranty with '2 for 1' replacement
- Single gang or narrow stile faceplate

SINGLE GANG FACEPLATE

| | |
|-------------|---|
| CM-400 | N/O, Plain faceplate |
| CM-410 | N/C, Plain faceplate |
| CM-420 | N/O & N/C Plain faceplate |
| CM-420PTE * | N/O & N/C Plain faceplate, with 'PUSH TO EXIT' engraved on button |
| CM-450R | Single gang, Push/Pull, N/O & N/C Stainless steel faceplate, maintained, red only |

NARROW FACEPLATE

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

SPECIFICATIONS

| | |
|-----------------|---|
| Voltage: | 12/24V DC |
| Contact Rating: | 6A@30V DC |
| 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) |

OPTIONS: (Add suffix and cost to model above)

FACEPLATE GRAPHIC OPTIONS

| | | | | | |
|---------|----------|-----------|----------|-----------|------------|
| | | | | | |
| CM-xx/1 | CM-xx/3 | CM-xx/3F | CM-xx/3S | CM-xx/7 | CM-xx/7F |
| | | | | | |
| CM-xx/8 | CM-xx/8F | CM-xx/8FE | CM-xx/12 | CM-xx/12F | CM-xx/12FE |

NOTE: All faceplate graphics are in black

BUTTON ENGRAVED GRAPHIC OPTIONS

| | | | |
|---------|----------|---------|-----------|
| | | | |
| CM-xxxE | CM-xxxES | CM-xxxS | CM-xxxESA |
| | | | |
| CM-xxxH | CM-xxxSA | | |

NOTE: All button texts are in white

BUTTON COLOR OPTIONS

| | |
|---------|-------------------------------------|
| CM-xxxR | Add 'R' to model # for Red button |
| CM-xxxG | Add 'G' to model # for Green button |
| CM-xxxB | Add 'B' to model # for Blue button |

NOTE: If not specified, 'RED' will be supplied

ADDITIONAL CONTACT

| | |
|------------------|------------------------|
| CM-xxxx-4000/60N | Additional N/O circuit |
| CM-xxxx-4000/61N | Additional N/C circuit |

MUSHROOM PUSH BUTTONS



Listed Components



Compliant

CM-500 SERIES: 1 5/8" MUSHROOM PUSH BUTTON WITH DOUBLE GANG STAINLESS STEEL FACEPLATE

CM-500 Series double gang mushroom push buttons are available in red, blue, or green, with a 1 5/8" (40mm) diameter button. The buttons are free-spinning to protect against vandalism. They are supplied with an industrial grade 18 gauge stainless steel faceplate with metal adapter, for mounting to a double gang electrical box.



CM-500R2

FEATURES

- N/O, N/C and N/O & N/C models available
- Vandal Resistant Free-spinning, heavy-duty button
- Mount to single, double and 4" x 4" square box
- 1 5/8" (40mm) diameter button
- Vandal Resistant 18 gauge stainless steel faceplate
- 3yr. 'Camden Tough' warranty with '2 for 1' replacement

DOUBLE GANG FACEPLATE

| | |
|--------|---|
| CM-500 | Double gang faceplate, N/O contact |
| CM-510 | Double gang faceplate, N/C contact |
| CM-520 | Double gang faceplate, N/O and N/C contacts |

SPECIFICATIONS

| | |
|-----------------|---|
| Voltage: | 12/24V DC |
| Contact Type: | N/O SPST, N/C SPST, N/O & N/C DPST |
| Contact Rating: | 6A@30V DC |
| Switch Type: | Momentary |
| Std. Finish: | Stainless Steel |
| Dimensions: | 4 1/2"H x 4 1/2"W x 1 3/4"D (114mm x 114mm x 44mm) |

OPTIONS: (Add suffix and cost to model above)

FACEPLATE GRAPHIC OPTIONS



CM-xx/1



CM-xx/2



CM-xx/3



CM-xx/3F



CM-xx/3S



CM-xx/4



CM-xx/7



CM-xx/7F



CM-xx/8

NOTE: All faceplate graphics are in black except wheelchair and wheelchair + text in blue

BUTTON ENGRAVED GRAPHIC OPTIONS



CM-xxxE



CM-xxxES



CM-xxxS



CM-xxxESA



CM-xxxH



CM-xxxSA

NOTE: All button texts are in white

BUTTON COLOR OPTIONS

| | |
|---------|-------------------------------------|
| CM-xxxR | Add 'R' to model # for Red button |
| CM-xxxG | Add 'G' to model # for Green button |
| CM-xxxB | Add 'B' to model # for Blue button |

NOTE: If not specified, 'RED' will be supplied.

MUSHROOM PUSH BUTTONS

CM-3000/3100 SERIES: ILLUMINATED MUSHROOM PUSH BUTTON

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.



Listed Components



Compliant



CM-3000R



CM-3100R

FEATURES

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

SINGLE GANG FACEPLATE

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

NARROW FACEPLATE

| | |
|---------|--|
| CM-3100 | Spring return button, N/O, Momentary |
| CM-3110 | Spring return button, N/C, Momentary |
| CM-3120 | Spring return button, N/O & N/C, Momentary |
| CM-3130 | Push/Pull, button, N/O, Maintained, 12V |
| CM-3140 | Push/Pull, button, N/C, Maintained, 12V |
| CM-3150 | Push/Pull button, N/O & N/C, Maintained, 12V |

SPECIFICATIONS

- Voltage: 12/24V DC
 Contact Type: SPST available in N/O or N/C, & DPST (N/O & N/C)
 Contact Rating: 6A@30V DC
 Switch Type: Available in Momentary, Push/Pull (maintained)
 Std. Finish: Brushed Aluminum
 Dimensions: **CM-3000:** 4 1/2"H x 2 3/8"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)

OPTIONS: (Add suffix and cost to model above)

BUTTON COLOR OPTIONS










| | |
|---------|-------------------------------------|
| CM-xxxR | Add 'R' to model # for Red button |
| CM-xxxG | Add 'G' to model # for Green button |

NOTE: If not specified, 'RED' will be supplied

FACEPLATE FINISHES

| | |
|-------------|-------------------------|
| CM-xxxx-DUR | Duranodic (US40) finish |
|-------------|-------------------------|

FACEPLATE GRAPHIC OPTIONS

| | | | | |
|--|--|---|---|--|
|  CM-xx/2 |  CM-xx/3 |  CM-xx/3F |  CM-xx/3S |  CM-xx/4 |
|  CM-xx/7 |  CM-xx/7F |  CM-xx/8 |  CM-xxxE | |

NOTE: All faceplate graphics are in black except wheelchair and wheelchair + text in blue

MUSHROOM PUSH BUTTONS

CM-4000/4100 SERIES: 1 5/8" MUSHROOM PUSH BUTTON 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 (black, yellow on request) and with various logos or words engraved on the button or faceplate.



UL 294
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
- 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 sec pneumatic timer (ADA) |
| CM-4085RPTE * | 'PUSH TO EXIT', Spring return, DPST 1-60 sec pneumatic timer (ADA) |
| CM-4030 | Push/Pull, N/O, Maintained, Red only |
| CM-4040 | Push/Pull, N/C, Maintained, Red only |
| CM-4050 | Push/Pull, N/O & N/C, Maintained, Red only |













NARROW FACEPLATE

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

SPECIFICATIONS

| | |
|-----------------|--|
| Voltage: | 12/24V DC |
| Contact Type: | SPST and DPST models |
| Switch Type: | Momentary / Pneumatic / Push-Pull |
| Contact Rating: | 6A@30V DC, 30@240V AC |
| 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) |

OPTIONS: (Add suffix and cost to model above)

| BUTTON ENGRAVED GRAPHIC OPTIONS | FACEPLATE GRAPHIC OPTIONS | BUTTON COLOR OPTIONS |
|---|---|---|
|  CM-xxxE  CM-xxxES  CM-xxxS |  CM-xx/3  CM-xx/3F  CM-xx/3S | CM-xxxR 'R' for Red button CM-xxxG 'G' for Green button CM-xxxB 'B' for Blue button |
|  CM-xxxESA  CM-xxxH  CM-xxxSA |  CM-xx/7  CM-xx/7F  CM-xx/8 | NOTE: If not specified, 'RED' will be supplied |
| FACEPLATE FINISHES | | ADDITIONAL CONTACT |
| CM-xxx-DUR Duranodic (US40) finish | | CM-xxxx-4000/60N Additional N/O circuit CM-xxxx-4000/61N Additional N/C circuit |

NOTE: All button texts are in white; faceplate graphics are in black

MUSHROOM PUSH BUTTONS

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

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.



FEATURES

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



CM-5085RPTPE

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 SEC Pneumatic time delay request to exit switch |
| CM-5085PTE* | Spring return, DPST 1-60 SEC Pneumatic time delay, 'PUSH TO EXIT' |

SPECIFICATIONS

| | |
|-----------------|--|
| Voltage: | 12/24V DC |
| Contact Type: | SPDT and DPST models |
| Switch Type: | Momentary / Maintained / Push-Pull / Push-Turn to Release |
| Contact Rating: | 6A@30V DC |
| 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" W x 2 3/4" H x 1 3/4" D (114mm x 70mm x 44mm) CM-5085: 4 1/2" W x 2 3/4" H x 2 1/4" D (114mm x 70mm x 57mm) |

OPTIONS: (Add suffix and cost to model above)

| BUTTON COLOR OPTIONS | |
|----------------------|-------------------------------------|
| CM-xxxR | Add 'R' to model # for Red button |
| CM-xxxG | Add 'G' to model # for Green button |
| CM-xxxB | Add 'B' to model # for Blue button |

NOTE: If not specified, 'RED' will be supplied

| ADDITIONAL CONTACT | |
|--------------------|------------------------|
| CM-xxxx-4000/60N | Additional N/O circuit |
| CM-xxxx-4000/61N | Additional N/C circuit |

| FACEPLATE FINISHES | |
|--------------------|-------------------------|
| CM-xxxx-DUR | Duranodic (US40) finish |

| BUTTON ENGRAVED GRAPHIC OPTIONS | | | |
|---------------------------------|----------|---------|-----------|
| | | | |
| CM-xxxE | CM-xxxES | CM-xxxS | CM-xxxESA |
| | | | |
| CM-xxxH | CM-xxxSA | | |

NOTE: All button texts are in white

MUSHROOM PUSH BUTTONS

CM-6000 SERIES: LOCKING PUSH BUTTONS

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

Red buttons have a 2 3/8" (60mm) diameter. They are supplied with a 1/4" thick brushed aluminum single gang faceplate.

FEATURES

- Large locking, red button, 2 3/8" (60mm) diameter
- Ideal for lock-out or emergency shut-down applications
- Mounted on heavy 1/4" thick aluminum plate
- Push on, turn key to release
- Stackable contacts can control 6 distinct functions
- Color coded 18 AWG spade connections
- Fast and easy to install
- Vandal and tamper resistant
- 3 year warranty

MODELS

| | |
|---------|---|
| CM-6030 | Red, 'PUSH TO LOCK', key to release, N/O, Maintained |
| CM-6040 | Red, 'PUSH TO LOCK', key to release, N/C, Maintained |
| CM-6050 | Red, 'PUSH TO LOCK', key to release N/O & N/C, Maintained |



Listed Components



Compliant



CM-6000

SPECIFICATIONS

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

ROCKER SWITCHES

CM-800 SERIES: ROCKER SWITCHES

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

FEATURES

- Economical control of door lock or signal appliance
- Easily mounts under desks or counters
- SPST maintained or SPDT momentary versions
- CM-830/840/50 models include easily mounted plastic enclosures
- CM-810/820 models include NEMA rated enclosure
- 3 year 'Camden Tough' warranty with '2 for 1' replacement

MODELS

| | |
|--------|---|
| CM-810 | NEMA Enclosure: 2 1/2"H x 2 1/4"W x 1 3/8"D (63mm x 57mm x 35mm) SPDT Momentary |
| CM-820 | SPST Maintained |
| CM-830 | Black Plastic: 2 7/8"H x 1 1/2"W x 3/4"D (73mm x 38mm x 19mm) SPDT Momentary |
| CM-840 | SPST Maintained |
| CM-850 | Beige Plastic: 2 3/8"H x 2 3/8"W x 1/2"D (60mm x 60mm x 13mm) SPDT Momentary |



Listed Components



CM-810



CM-850



CM-840

SPECIFICATIONS

| | |
|-----------------|--|
| Voltage: | 12-24V DC |
| Switch Type: | Momentary / Maintained |
| Current Rating: | CM-810/820/830/840: 20 Amps |
| Switch Life: | CM-850: 10 Amps 100,000 cycles |

ECONOMY PUSH BUTTONS

CM-250 SERIES: STAINLESS STEEL FACEPLATES

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



FEATURES

- 1" RED button - requires minimal actuation force
- Available in a variety of faceplate messages and logos
- Stainless steel faceplate available in narrow jamb
- 3yr. 'Camden Tough' warranty with '2 for 1' replacement















SPECIFICATIONS

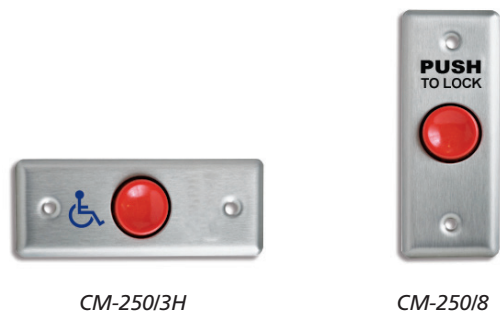
Voltage: 12/24 VDC
 Contact Type: SPDT Form 'C'
 Contact Rating: 15 Amps@30V DC
 Switch Type: Momentary
 Std. Finish: US32 / C32D
 Dimensions: 4 1/2" H x 1 5/8" W x 1 11/32" D (114mm x 41mm x 32mm)

NARROW JAMB FACEPLATE

CM-250 Switch with stainless steel faceplate

OPTIONS: (Add suffix and cost to model above)

| FACEPLATE GRAPHIC OPTIONS | | | |
|---|---|---|---|
|  CM-xx/1 |  CM-xx/2 |  CM-xx/2H |  CM-xx/3 |
|  CM-xx/3H |  CM-xx/3F |  CM-xx/3S |  CM-xx/4 |
|  CM-xx/4H |  CM-xx/4F |  CM-xx/7 |  CM-xx/7F |
|  CM-xx/8 |  CM-xxxE | | |



NOTE: All faceplate graphics are in black except wheelchair and, wheelchair + text in blue.

■ PARTS FOR PUSH BUTTONS

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

SCREWS / BITS

| | |
|------------|--|
| CM-1000/80 | Torx security screws |
| CM-1000/81 | Torx security screws (box of 100) |
| CM-1000/84 | Close-up plugs for piezo keypads |
| CM-1000/90 | Snake eye tamper proof screws (spanner head) |
| CM-1000/91 | Snake eye tamper proof screws (box of 100) |

CONTACT BLOCKS/SWITCHES

| | |
|-------------|---|
| CM-4000/50N | N/O switch for CM-3000-8000 |
| CM-4000/51N | N/C switch for CM-3000-8000 |
| CM-4000/54N | N/O & N/C switch for CM-3000-8000 |
| CM-4000/60N | Additional N/O circuit for CM-3000-8000 |
| CM-45/10 | N/O & N/C switch for CM-40, 41, 45, 60 series, rated 15A @ 20V DC |
| CM-45/20 | DPDT switch for CM-40, 41, 45, 60 series, rated 15A @ 20V DC |

GASKETS

| | |
|------------|---|
| CM-1000/21 | Single gang neoprene gasket for Camden push buttons |
| CM-2000/21 | Narrow neoprene gasket for Camden push buttons |

FACEPLATES

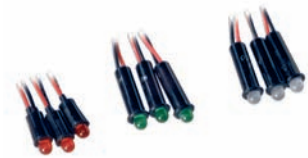
| | |
|------------|-------------------------------------|
| CM-3000/40 | Single gang brushed aluminum |
| CM-3000/45 | Jamb Width, brushed aluminum finish |

REPLACEMENT BULBS

| | |
|-----------|--------------------------------------|
| CM-30/32 | Incandescent Bulb for CM-30, 12/24V |
| CM-300/31 | Incandescent Bulb for CM-300, 12/24V |



CM-45/10



LED'S



CM-3000/40

(Shown with optional LED's)

PARTS FOR PUSH BUTTONS

BUTTONS

| | |
|-------------|--|
| CM-3000/10N | Red Illuminated mushroom (1 5/8") |
| CM-3000/30N | Green Illuminated mushroom (1 5/8") |
| CM-3000/15N | Red Illuminated mushroom (1 5/8"), Push/Pull |
| CM-3000/34N | Green Illuminated mushroom (1 5/8"), Push/Pull |
| CM-4000/10N | Red mushroom (1 5/8") spring return |
| CM-4000/20N | Blue mushroom (1 5/8") spring return |
| CM-4000/30N | Green mushroom (1 5/8"), spring return |
| CM-4000/15N | Red mushroom (1 5/8"), Push/Pull |
| CM-5000/10N | Red mushroom, (2 3/8") spring return |
| CM-5000/20N | Blue mushroom, (2 3/8") spring return |
| CM-5000/30N | Green mushroom, (2 3/8") spring return |
| CM-5000/15N | Red mushroom, (2 3/8") Push/Pull |
| CM-6000/10N | Red, locking palm, (2 3/8"), with keys |
| CM-7000/10N | Red, round flush (1") |
| CM-7000/30N | Green, round flush (1") |
| CM-8000/10N | Red, round extended (1") |
| CM-8000/30N | Green, round extended (1") |
| CM-9000/10 | Steel flush (7/8") momentary |
| CM-9000/15 | Steel flush (7/8") maintained |
| CM-9200R/10 | Red piezoelectric round button (1") |
| CM-9200G/10 | Green piezoelectric round button (1") |



CM-3000 Series



CM-7000 Series



CM-8000 Series

1/4" (6.3MM) LED'S

| | |
|-------------|---------------------------------------|
| CM-7012 | Red LED 12V |
| CM-7024 | Red LED 24V |
| CM-7112 | Green LED 12V |
| CM-7124 | Green LED 24V |
| CM-7412 | Bi-Colored LED 12V |
| CM-7424 | Bi-Colored LED 24V |
| CM-7612 | Amber LED 12V |
| CM-7624 | Amber LED 24V |
| CM-30/32LED | White LED, 12/24V (for CM-30 Series) |
| CM-3000/37 | Red LED 12/24V (for CM-3000 Series) |
| CM-3000/37G | Green LED 12/24V (for CM-3000 Series) |

ACTIVE INFRARED HANDS-FREE SWITCHES

SureWave™ touchless switches offer industry-leading performance, quality and value in any door control application. SureWave™ includes exclusive models and features that are not available elsewhere, including an extended range feature (up to 6 ft.), an optional LED light ring (with color change upon switch activation, or by remote input), the option for wireless or hybrid wireless/wired operation and 'short range' activation designed to reduce false activation from highly reflective surfaces!

CM-330 and CM-333 battery powered models supplied with (2) 'AA' alkaline batteries.

Lithium batteries recommended for environments below 0°C (32°F). To order, select option below.



CM-xxx/WS

FEATURES

- A wide range of wired, wireless and battery powered models
- Adjustable operating range 1" to 6 ft.
- Adjustable time delay
- Super-fast activation response
- Heavy duty relays, for use with all automatic operators and electrified locks

SPECIFICATIONS

- Technology: Infrared with microburst technology
- Voltage: 2-24 Volts, AC/DC ± 10%
- Temp Range: -4°F to 153°F (-20°C to +85°C)
- Security: Fail secure or fail safe

CM-330: BATTERY POWERED, WIRELESS

FEATURES

- Ideal where switch is difficult/expensive to wire
- Long battery life using standard Alkaline batteries
- Standard operating range, 1" - 12"
- Requires CM-RX91 or RX-92 wireless receiver



SPECIFICATIONS

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

MODEL

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

CM-331: WIRED, 1 RELAY

FEATURES

- Standard operating range, 1"-28"
- Extended Range up to 6 ft.
- Adjustable time delay 3 - 30 seconds
- (4) Selectable operating modes
- Inputs for REX and door contact
- Option for light ring (single gang and double gang SS only)
- Option for plug-in wireless transmitter



SPECIFICATIONS

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

MODEL

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

HANDS-FREE SWITCHES

CM-332: WIRED, 2 RELAY



FEATURES

- Advanced switch with Door Control Functions
- Standard operating range, 1"-28"
- Extended Range up to 6ft.
- Adjustable time delay 3 - 30 seconds
- (7) Selectable operating modes
- Inputs for REX and door contact
- Option for light ring (single gang and double gang SS only)
- Option for plug-in wireless transmitter

SPECIFICATIONS

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

MODEL

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

CM-333: BATTERY POWERED, (1) RELAY



FEATURES

- Ideal for retrofit applications using existing wires
- Long battery life using standard Alkaline batteries
- Option for plug-in wireless transmitter
- Standard operating range, 1" - 12"
- Adjustable time delay 3 - 30 seconds
- Inputs for REX and door contact
- Fail-Secure operation

SPECIFICATIONS

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

MODEL

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

CM-324: 'ORIGINAL' MODEL



FEATURES

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

SPECIFICATIONS

Sensors: (2)
 Current Draw: 60mA
 Relay Outputs: (1) Form 'C', 5A @ 30VDC
 Operating Modes: Momentary

MODEL

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

CM-325: 'SHORT RANGE' MODEL



FEATURES

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

SPECIFICATIONS

Current Draw: 60mA
 Relay Outputs: (1) Form 'C', 5A @ 30VDC
 Operating Modes: Momentary

MODEL

| | | |
|--------|---|----------|
| CM-325 | 'Short Range' Hand-free switch, wired, with 1 relay | \$200.00 |
|--------|---|----------|

HANDS-FREE SWITCH OPTIONS. ALL MODELS

FACEPLATE MATERIAL

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

NOTE: Unless specified, single gang polycarbonate faceplate will be supplied. For other faceplates, see below.



Polycarbonate



Stainless Steel

FACEPLATE SIZE OPTIONS

| | |
|----------|--|
| CM-xxx/N | Narrow Faceplate. Narrow mounting box not compatible with CM-330N and CM-333N switch w/ CM-TX99 wireless transmitter |
| CM-xxx/W | Double Gang Faceplate |

NOTE: If not specified 'N' or 'W', single gang faceplate size supplied.



Narrow



Single Gang



Double Gang

LIGHT RING

| | |
|---------|---|
| CM-SGLR | Plug-in Light ring and faceplate for CM-331 and CM-332 model switches. Red/Green/Blue controlled by switch or remotely. |
|---------|---|



Faceplate & Light Ring

FACEPLATE GRAPHIC OPTIONS

| | | |
|--|--|--|
|  CM-XXX/40 |  CM-XXX/41 |  CM-XXX/42 |
|--|--|--|

LITHIUM BATTERIES

| | |
|----------|---|
| CX-XXXL1 | Add suffix 'L1' for (2) 'AA' Lithium Batteries in place of (2) Alkaline |
| CM-LP1 | (2) 'AA' lithium battery pack |

WIRELESS OPTIONS

| | |
|---------|---|
| CM-TX99 | 915Mhz. plug-in transmitter for CM-331, 332 and 333 series touchless switches |
| CM-RX91 | Basic single relay receiver, 12/24V AC/DC |

PULL STATIONS

CM-700 SERIES: PULL STATIONS

CM-700 Series pull stations meet the stringent demands of emergency pull station controls. They are designed for single gang mounting and protrude only 3/4" from the wall. They are easily reset with a small screwdriver. Available in blue or yellow, they are an ideal solution for varied pull station requirements.



CM-701



CM-722

(Shown with optional lift cover)

FEATURES

- Ideal for use with magnetic locks in access control applications
- Heavy duty vandal resistant design
- English, French and Spanish versions available
- Optional built-in local alarm sounder for CM-701
- Optional clear lift cover
- Available with N/O, N/C or both N/O and N/C switches
- Convenient wiring terminal
- Standard single gang mount
- 3 year warranty

BLUE PULL STATIONS*

| | |
|----------|---|
| CM-701 | 1 x N/C switch, 'PULL FOR DOOR RELEASE' |
| CM-701SO | As above, with sounder |
| CM-702 | 2 x N/C switches, 'PULL FOR DOOR RELEASE' |
| CM-703 | 1 x N/O switch + 1 N/C, 'PULL FOR DOOR RELEASE' |

YELLOW PULL STATIONS

| | |
|--------|---|
| CM-721 | 1 x N/C switch, 'PULL IN CASE OF EMERGENCY' |
| CM-722 | 2 x N/C switches, 'PULL IN CASE OF EMERGENCY' |

SPECIFICATIONS

- Construction: Extruded aluminum
- Contact Rating: 1 Amp @ 30VDC
- Mounting: Single gang electrical box
- Sounder: 85dB @ 4" (10cm) 40mA @12V DC
- Dimensions: 4 1/2"H x 3 1/2"W x 1 3/8"D (114mm x 90mm x 37mm)

*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.

OPTIONS: (Add suffix and cost to model above)

FACEPLATE GRAPHIC LABEL OPTIONS

| | | |
|--------------|---------------|--------------|
| CM-xx/E | CM-xx/BE | CM-xx/SP |
| CM-xx/EA | CM-xxxEDR | |

LIFT COVER / BREAK RODS

| | |
|-----------|---------------------------------------|
| CM-700GL | Plastic Glass-Break Rods (Pack of 10) |
| CM-XXX-PC | For Clear Lift Cover add suffix PC |



■ CM-RQE70: PIR 'REQUEST TO EXIT' DETECTOR

Camden Door Controls RQE70 PIR request to exit detector provides 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
- On-board programming buttons. No dip switches
- (4) factory default operating modes, with the ability to customize mode attributes
- Plug-in wiring harness, makes installation easier
- 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

MODEL

| | |
|----------|---|
| CM-RQE70 | PIR 'REQUEST-TO-EXIT' detector, white, c/w (2) Form 'C' (DPDT) contacts, 12/24V AC/DC |
|----------|---|

SPECIFICATIONS

- Voltage: 12/24V AC/DC operation
- Current Draw: 40mA (max)
- Relays: (2) Form 'C' (DPDT)
- Contact Rating: 3A @ 30VDC
- 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 & 60 second
- Sounder: On/Off, with adjustable volume
- Piezo Buzzer: 92DB.@ 10cm.
- Indicator: Activation LED
- Card or Keypad Input: (1) N/O
- Door Position Switch Input: (1) N/O
- Request to Exit Input: (1) N/O
- Tamper Switch Contact Rating: 50mA @ 12VDC
- Temp Operating Range: 32°F-120°F (0°C -50°C)
- Humidity Range: 0- 93% non-condensing
- Weight: 0.25 lbs. (0.12kg.)
- Color: White
- Dimensions: 7"W x 1 3/4"H x 1 3/4"D
176mm x 43mm x 43mm

ALL - ACTIVE SWITCHES

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

CM-25 and CM-35 Series 'All-Active' switches are heavy-duty, ADA-compliant door controls. The faceplates are stainless steel or solid brass. CM-25 is designed to mount directly on a metal door frame or narrow surface box. CM-35 is designed for mounting on a single gang box.



FEATURES

- CM-25 mounts in aluminum jamb or in surface boxes
- CM-35 features 2" x 4" (50mm x 101mm) push plate, conforms to new OBC requirements
- Durable stainless steel construction
- Ultra quiet operation
- All-Active design requires minimal actuation force
- Permanent debossed or laser engraved graphics
- 3yr. 'Camden Tough' warranty with '2 for 1' replacement

SPECIFICATIONS

Voltage: 12/24V AC/DC
 Contact Type: N/O SPST
 Contact Rating: 3A@30V DC
 Switch Type: Momentary
 Temp Range: -40°F to 140°F (-40°C to +60°C)
 Dimensions: **CM-25:**
 4 1/2"H x 1 3/4"W x 1 3/16"D (114mm x 44mm x 30mm)
CM-35:
 4 1/2"H x 2 1/8"W x 1 3/16"D (114mm x 54mm x 30mm)
 Std. Finish: US32 / C32D

JAMB WIDTH











| | |
|--------|---|
| CM-25 | Narrow push plate switch, vertical mounting |
| CM-25H | Narrow push plate switch, horizontal mounting |

SINGLE GANG WIDTH

| | |
|--------|---|
| CM-35 | Push plate switch with single gang mounting plate |
| CM-35N | Push plate switch with narrow/jamb mounting plate |

OPTIONS: (Add suffix and cost to model above)

FACEPLATE GRAPHIC OPTIONS

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

NOTE: /2, /2AL, /2AR, /4, /4AL, /4AR: Blue and /3, /3F, /8: Black

WEATHERPROOF OPTIONS

| | |
|-----------|--|
| CM-xxx-WT | Add 'WT' to product # for boot and water tight coating |
| CM-xxx-WR | Add 'WR' to product # for weather resistant boot |



CM-25/2



CM-25H/2



CM-35/3



CM-35N/3

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

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



Listed Components



Compliant

FEATURES

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

MODELS

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

OPTIONS: (Add suffix and cost to model above)

FACEPLATE GRAPHIC OPTIONS



CM-xx/1



CM-xx/2



CM-xx/3



CM-xx/3F



CM-xx/4



CM-xx/4F

NOTE: /2, /4, /4F: Blue and /3, /3F: Black

MORTISE CYLINDERS

| | |
|--------------|--|
| CM-1000/60KA | Mortise cylinder 1 1/8", solid brass, chrome finish, keyed alike |
| CM-1000/60KD | Mortise cylinder as above, keyed different |

WEATHERPROOF OPTIONS

| | |
|-----------|--|
| CM-xxx-WT | Add 'WT' to product # for boot and water tight coating |
| CM-xxx-WR | Add 'WR' to product # for weather resistant boot |

SPECIFICATIONS

| | |
|-----------------|---|
| Voltage: | 12/24V AC/DC |
| Contact Type: | Push Plate: N/O SPST, Momentary Key Switch: N/O SPST Maintained |
| Contact Rating: | Push Plate: 3A@30V DC Key Switch: 6A@30V DC |
| Temp Range: | -40°F to 140°F (-40°C to +60°C) |
| 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) |
| Std. Finish: | US32 / C32D |



CM-2510/3



CM-2520/4

ALL - ACTIVE SWITCHES

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

CM-40, CM-41 and CM-60 Series 'All-Active' push plate switches are heavy-duty, ADA-compliant door controls. Faceplates are stainless steel or solid brass, and the assembly is designed for easy installation. The CM-41 4 1/2" square stainless steel backplate is large enough to dress-up (cover) a poorly installed electrical box. It will also fit perfectly on most 4 1/2" surface boxes.



Listed Components



Compliant



CM-40/2



CM-41/3



CM-60/4

FEATURES

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

MODELS

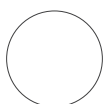
| | |
|-------|---|
| CM-40 | 4 1/2" Round Push Plate Switch |
| CM-41 | 4 1/2" Round Push Plate Switch with Square Back Plate |
| CM-60 | 6" Round Push Plate Switch |

SPECIFICATIONS

| | |
|-----------------|--|
| Voltage: | 12/24V AC/DC |
| Contact Rating: | 15A@30V DC |
| Contact Type: | SPDT Form 'C' |
| Mounting: | CM-40/41: Single Gang CM-60: Single Gang, Double Gang or 4x4 |
| Switch Type: | Momentary |
| Std. Finish: | US32 / C32D |
| Dimensions: | CM-40: 4 1/2" Dia. x 1 3/4"D (114mm x 44mm) CM-45: 4 1/2"H x 4 1/2"W x 1 3/4"D (114mm x 114mm x 44mm) CM-60: 6" Dia. x 1 1/8"D (152mm x 28.6mm) |

OPTIONS: (Add suffix and cost to model above)

FACEPLATE GRAPHIC OPTIONS



CM-xx/1



CM-xx/2



CM-xx/2AL



CM-xx/2AR



CM-xx/3



CM-xx/3F



CM-xx/4



CM-xx/4AL



CM-xx/4AR



CM-xx/4F



CM-xx/8



CM-xx/8D



CM-xx/8F

NOTE: /2, /2AL, /2AR, /4, /4AL, /4AR, /4F: Blue and /3, /3F, /8, /8D /8F: Black

CONTACT OPTIONS

| | |
|-----------|---|
| CM-xxx-DP | Add DP to the product # to order DPDT switch instead of SPDT switch |
|-----------|---|

WEATHERPROOF OPTIONS

| | |
|-----------|--|
| CM-xxx-WT | Add 'WT' to product # for boot and water tight coating |
| CM-xxx-WR | Add 'WR' to product # for weather resistant boot |

ARCHITECTURAL FINISHES

| | |
|-----------|---|
| CM-xxx-AB | Add 'AB' to product # for antique brass finish (US5 / 609) |
| CM-xxx-SB | Add 'SB' to product # for satin brass finish (US4 / 606) |
| CM-xxx-OB | Add 'OB' to product # for oil rub bronze finish (US10B / 613) |
| CM-xxx-PB | Add 'PB' to product # for polished brass (US3 / 605) |

ALL - ACTIVE SWITCHES



Listed Components



Compliant



CM-45/2



CM-46/4



CM-46CB/4



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

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

FEATURES

- Durable stainless steel or solid brass
- Available in a range of architectural finishes
- 4 stud switch design and rubber dampers
- 3yr. 'Camden Tough' warranty with '2 for 1' replacement for quieter operation

MODELS

| | |
|-------|---|
| CM-45 | 4 1/2" Square Push Plate Switch, Concealed Screws |
| CM-46 | 4 1/2" Square Push Plate Switch, Exposed Screws |

CM-46CB: BLUE ALUMINIUM 4 1/2" SQUARE PUSH PLATES

CM-46CB series (exposed screws) aluminum 4 1/2" square push plate switches offer all of the features of our popular CM-46 switches with an attractive blue powder coat finish and white graphics.

MODEL

| | |
|---------|--|
| CM-46CB | 4 1/2" Square Push Plate Switch, Exposed Screws. Available with graphic option '1' (blank), '2' (wheelchair), and '4' (wheelchair + 'PUSH TO OPEN') only. |
|---------|--|

SPECIFICATIONS

| | |
|-----------------|--|
| Voltage: | 12/24 V AC/DC |
| Contact Rating: | 15A@30V DC |
| Contact Type: | SPDT Form 'C' |
| Mounting: | Single or Double Gang |
| Switch Type: | Momentary |
| Dimensions: | CM-45/46/46CB: 4 1/2"H x 4 1/2"W x 1 1/4"D (114mm x 114mm x 32mm) |
| Std. Finish: | CM-45/46: US32 / C32D CM-46CB: Paint |

OPTIONS: (Add suffix and cost to CM-45/46 model above)

FACEPLATE GRAPHIC OPTIONS



CM-xx/1



CM-xx/2



CM-xx/2AL



CM-xx/2AR



CM-xx/3



CM-xx/3F



CM-xx/4



CM-xx/4AL



CM-xx/4AR



CM-xx/4F



CM-xx/8



CM-xx/8D



CM-xx/8F

NOTE: /2, /2AL, /2AR, /4, /4AL, /4AR, /4F: Blue and /3, /3F, /8, /8D /8F: Black

WEATHERPROOF OPTIONS

| | |
|-----------|--|
| CM-xxx-WT | Add 'WT' to product # for boot and water tight coating |
| CM-xxx-WR | Add 'WR' to product # for weather resistant boot |

CONTACT OPTIONS

| | |
|-----------|---|
| CM-xxx-DP | Add DP to the product # to order DPDT switch instead of SPDT switch |
|-----------|---|

ARCHITECTURAL FINISHES

| | |
|-----------|---|
| CM-xxx-AB | Add 'AB' to product # for antique brass finish (US5 / 609) |
| CM-xxx-SB | Add 'SB' to product # for satin brass finish (US4 / 606) |
| CM-xxx-OB | Add 'OB' to product # for oil rub bronze finish (US10B / 613) |
| CM-xxx-PB | Add 'PB' to product # for polished brass (US3 / 605) |

ALL - ACTIVE SWITCHES



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

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

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

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



FEATURES

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

SPECIFICATIONS

Voltage: 12 or 24V AC/DC
 Current Draw: 130 mA. max.
 Lumina: **Blue:** 1500 MCD, **Red:** 5760 MCD, **Green:** 3780 MCD
 Contact Type: 1 Form 'C'
 Contact Rating: 3Amps @ 24V AC/DC
 Sounder: 85 DB @ 10cm
 Dimensions: **CM-54:** 5 1/4"H x 5 1/4"W x 2 1/8"D (133mm x 133mm x 54mm)
CM-55: 6 1/2"H x 6 1/2"W x 2"D (165mm x 165mm x 51mm)
CM-57: 6 5/8" Dia. x 2"D (168mm x 51mm)

AURA™ ILLUMINATED ENCLOSURES

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

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/XGRF | 4 1/2" Round push plate |
| CM-45/X55 | 4 1/2" Square push plate |
| CM-46/X55 | 4 1/2" Square push plate |

NOTE: DPDT Contacts: CM-40, CM-45 or CM-46 'DP' option cannot be used with Aura™ illuminated enclosures



CM-45/454



CM-45/455



CM-40/4GRF

AURA™ RESTROOM CONTROL SIGNS

(Add suffix to Aura™ switch kit to add restroom sign. To order restroom sign separately, add prefix 'CM-' to option number (e.g. 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 sold separately)



CM-55 Sign
(Switch sold separately)



CM-57 Sign
(Switch sold separately)

OPTIONS:

FACEPLATE GRAPHIC OPTIONS



CM-xx/1



CM-xx/2



CM-xx/2AL



CM-xx/2AR



CM-xx/3



CM-xx/3F



CM-xx/4



CM-xx/4AL



CM-xx/4AR



CM-xx/4F



CM-xx/8



CM-xx/8D



CM-xx/8F

NOTE: /2, /2AL, /2AR, /4, /4AL, /4AR, /4F: Blue and /3, /3F, /8, /8D /8F: Black

LAZERPOINT RF 915Mhz. WIRELESS DOOR CONTROL

| | |
|--------|-------------------------|
| CM-TX9 | Wall Switch Transmitter |
|--------|-------------------------|

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

Column™ Push Plate Switches

CAMDEN CM-75 series Column™ push plate switches are designed to provide a highly accessible and convenient means of door activation. They are easy to install (either wired or wireless), and can activate from any height or angle. Robust construction and dual 15 Amp. internal contact switches ensure years of trouble free service.



PUSH
TO
OPEN

FEATURES

- Heavy-duty construction, ADA Compliant
- Low profile contoured design, with easy activation from side angles
- Meets or exceeds California building code, section 1117B.6
- Over 94 square inches total activation area (CM-7536)
- Choice of 4 different stock graphics
- (2) fully redundant SPDT, 15 Amp., UL listed, switches (CM-7536)
- Choice of anodized clear aluminum or dark bronze finishes
- Optional 'snap-in' Lazerpoint RF™ wireless transmitters
- Adjustable leveling screws for easy installation on uneven wall surfaces



COLUMN™ PUSH PLATE SWITCHES ARE EASILY ACTIVATED



BY HAND



BY ARM/BODY



BY FOOT



CM-75: COLUMN™ 36" AND 9" PUSH PLATE SWITCHES

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



Listed Components



Compliant

FEATURES

- Low profile contoured design with easy activation from side angles
- Meets or exceeds California building code, section 1117B.6 requirements
- Over 94 square inch total activation area (CM-7536)
- (2) Fully redundant SPDT, 15 Amp. UL listed switches (CM-7536)
- Choice of clear aluminum and dark bronze architectural finishes
- Choice of 4 different stock graphics
- Optional 'snap-in' LAZERPOINT RF™ wireless transmitter
- Adjustable leveling screws for easy installation on uneven walls
- No internal wires exposed to moving parts

SPECIFICATIONS

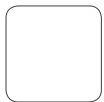
Voltage: 12/24V AC/DC
 Contact Type: SPDT Form 'C'
 Contact Rating: 15A@30V DC
 Switch Type: Momentary
 Dimensions: **CM-7509:**
 10 5/8" H x 5 7/8" W x 1 1/2" D
 (270mm x 150mm x 38mm)
CM-7536:
 37 1/2" H x 5 7/8" W x 1 1/2" D
 (953mm x 150mm x 38mm)

MODELS

| | |
|---------|------------------------------------|
| CM-7509 | 9" Long Column™ push plate switch |
| CM-7536 | 36" Long Column™ push plate switch |

OPTIONS: (Add suffix and cost to model above)

FACEPLATE GRAPHIC OPTIONS



CM-xx/1



CM-xx/2



CM-xx/3



CM-xx/4

ARCHITECTURAL FINISHES

| | |
|--------|---|
| CM-BRZ | Add 'BRZ' to model # for Dark Bronze finish, CM-7536 only |
|--------|---|

COMPATIBLE BOLLARDS (MOUNTING POSTS)

| | |
|---------------|--|
| CM-42-DSU-CLR | 42" Extruded aluminum bollard, clear aluminum finish |
| CM-42-DSU-BRZ | 42" Extruded aluminum bollard, dark bronze finish |
| CM-48-DSU-CLR | 48" Extruded aluminum bollard, clear aluminum finish |
| CM-48-DSU-BRZ | 48" Extruded aluminum bollard, dark bronze finish |



CM-7509

CM-7536

ALL - ACTIVE SWITCHES

ENCLOSURES AND MOUNTING BOXES

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

FEATURES

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

NARROW/JAMB MOUNTING BOXES

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



CM-23



CM-23CP



CM-34AL



CM-34BL



CM-34D



CM-31



CM-66



CM-34CP

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-34D | SURFACE BOX, Extra Deep - For wireless. Heavy duty grey polymer 4 1/2" H x 2 3/4" W x 3" D |
| CM-66 | FLUSH BOX & DRESS PLATE Standard Depth box with 7" x 7" dress plate. Heavy gauge stainless steel |
| CM-31 | SLEEVE, Cover for standard 2" x 4" surface electrical box. Heavy gauge stainless steel |
| CM-120G | Rubber gasket for any stainless steel single gang faceplate |
| CM-34CP | Single gang stainless steel cover plate |

DOUBLE GANG/SQUARE MOUNTING BOXES

| | |
|-----------|---|
| CM-43CBL | SURFACE BOX, Standard depth, provision for wireless. Double wall, flame/Impact resistant black polymer (ABS) 5" H x 5" W x 2" D |
| CM-43CBLA | SURFACE BOX, Standard depth. Double wall, flame/Impact resistant black polymer (ABS) 5" H x 5" W x 2" D. For use with CM-324/CM-325/CM-330 hands-free switches. |
| 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-63CBL | SURFACE BOX, Standard depth, provision for wireless. Flame and impact resistant black polymer (ABS) 4 1/2" H x 4 1/2" W x 2" D. For use with CM-60 Series switches. |



CM-43CBL



CM-53



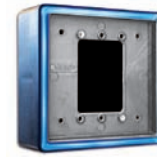
CM-44



CM-48AL

DOUBLE GANG/SQUARE MOUNTING BOXES (CONTINUED)

| | |
|----------|--|
| CM-54i | SURFACE, 4 1/2" Square, Aura™ illuminated. Enclosure, blue, green, red |
| 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-43LP | SURFACE BOX, Shallow Depth. Flame and impact resistant black polymer (ABS), 2 Piece, 5" H x 5" W x 1 3/8" D. For use with CM-41,45 & 46 series |
| CM-44 | SURFACE BOX, Shallow Depth, offset mount (on jamb). Stainless Steel 4 1/2" H x 4 1/2" W x 5/8" D. For use with CM-45/46 Series. |
| CM-48AL | SURFACE BOX, Shallow Depth. Anodized aluminum 4 1/2" H x 4 1/2" W x 3/4" D. For use with CM-45/46 Series. |
| CM-68AL | SURFACE BOX, Shallow Depth. Anodized aluminum, clear 4" H x 4" W x 3/4" D. For use with CM-60 Series. |
| CM-68BZ | SURFACE BOX, Shallow Depth. Anodized aluminum, dark bronze 4" H x 4" W x 3/4" D. For use with CM-60 Series. |
| CM-67 | SLEEVE, Cover for standard double gang surface box. Heavy gauge stainless steel |
| CM-440 | 5" DRESS PLATE, single gang. Heavy gauge stainless steel. For 4 1/2" switches. |
| CM-660 | 6 1/2" DRESS PLATE, Cover for double gang or 4" square flush box. Heavy gauge stainless steel. For 6" switches. |
| CM-43CP | Double gang stainless steel cover plate |
| CM-43G | Gasket. For CM-43CBL and CM-63CBL Boxes |
| 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, blue, green, red. |



CM-54i



CM-540B



CM-67



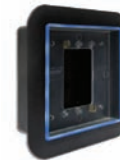
CM-43LP



CM-68AL



CM-440



CM-55i



CM-55CBL

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-570B | SURFACE ROUND, Shallow Depth, Flame and impact resistant black polymer (ABS) 4 11/16" dia. x 5/8" D |
| 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



CM-47S



CM-57CBL



CM-69S

ROUND MOUNTING BOXES FOR 6" SWITCHES

| | |
|--------|---|
| CM-69S | SURFACE, ROUND Standard Depth, provision for wireless. Flame and impact resistant black polymer (ABS), 6 1/2" dia. x 2 1/8" D |
|--------|---|

ALL - ACTIVE SWITCHES

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

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

FEATURES

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

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

| | |
|--------|---|
| CM-59S | SURFACE, Round, Standard Depth. Heavy gauge stainless steel, 7 3/4" x 1 1/8"D |
|--------|---|



CM-59S

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



CM-49A CM-49B
(Shown with optional 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 |
|--------|--|



CM-89S

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-79B | SURFACE mount enclosure only (must be used with CM-79A), 9 5/8" x 1 1/8"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-79G | Gasket for CM-79A or CM-79B, 7 1/4" x 1/8"D |



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

■ MOUNTING POSTS

Camden mounting posts are available in 42" (36" switch height) and 48" (42" switch height) models with the choice of extruded aluminum or stainless steel. Camden mounting posts feature heavy duty, 1/8" thick construction. Stainless steel posts are brush finished. Aluminum posts are available in clear aluminum, dark bronze and mill (suitable for painting) finishes. Camden mounting posts are supplied with a flame and vandal resistant cap, heavy-duty steel mounting base, and stainless steel fasteners. An optional in-ground (concrete) mounting base is also available.

FEATURES

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

ALUMINUM MOUNTING POSTS

CLEAR FINISH

| | |
|---------------|--|
| CM-42-CSU-CLR | 42" Tall, No switch prep, 6" X 6" clear aluminum |
| CM-42-BSU-CLR | 42" Tall, (36" Switch Height) Single gang prep, 6" X 6" clear aluminum |
| CM-42-DSU-CLR | 42" Tall, prep for CM-7536 switch, 6" X 6" clear aluminum |
| CM-48-BSU-CLR | 48" Tall, (42" Switch Height) Single gang prep, 6" X 6" clear aluminum |
| CM-48-DSU-CLR | 48" Tall, prep for CM-7536 switch, 6" X 6" clear aluminum |

BRONZE FINISH

| | |
|---------------|---|
| CM-42-CSU-BRZ | 42" Tall No switch prep, 6" X 6" bronze finish |
| CM-42-BSU-BRZ | 42" Tall, (36" Switch Height) Single gang prep, 6" X 6" bronze finish |
| CM-42-DSU-BRZ | 42" Tall, prep for CM-7536 switch, 6" X 6" dark bronze |
| CM-48-BSU-BRZ | 48" Tall, (42" Switch Height) Single gang prep, 6" X 6" bronze finish |
| CM-48-DSU-BRZ | 48" Tall, prep for CM-7536 switch, 6" X 6" dark bronze |

MILL FINISH

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

STAINLESS STEEL MOUNTING POSTS

| | |
|--------------|--|
| CM-42-BSU-SS | 42" Tall, Single Gang Switch Prep, 6" x 6" stainless steel |
| CM-48-BSU-SS | 48" Tall, Single Gang Switch Prep, 6" x 6" stainless steel |

IN GROUND MOUNTING OPTION

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



CM-42

(Shown with optional switch)



CM-48-DSU-BRZ

(Shown with optional column switch)



CM-42IG

(Optional in-ground mounting base)

CAMDEN SWITCH AND ENCLOSURE COMPATIBILITY CHART

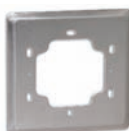
| Style | Box / Enclosure | Dimensions W x H x D (in) | Enclosure Materials* | | | | | | | | | | | | | | | |
|--------------------|--------------------------------------|------------------------------|----------------------------|-------|---------|-------|-------|-------|----------|-------|--------|--------|--------|--------|--------|--------|---|---|
| | | | CM-25 | CM-30 | CM-30EE | CM-35 | CM-40 | CM-41 | CM-45/46 | CM-60 | CM-130 | CM-160 | CM-170 | CM-180 | CM-195 | CM-250 | | |
| | Box included w/switch | | | | | ✓ | | | | | | | | | | | | |
| Narrow/ Jamb | Surface | CM-23 | 1 3/4" x 4 1/2" x 1 1/4" | P | ✓ | | | | | | | | | | | | | ✓ |
| | | CM-23D (Suitable for RF) | 1 3/4" x 4 1/2" x 1 1/2" | P | ✓ | | | | | | | | | | ✓ | | | |
| Single Gang | Surface | CM-34AL | 2 3/4" x 4 1/2" x 1 3/4" | A | | | | ✓ | | | | | | | | | ✓ | ✓ |
| | | CM-34BL | 2 3/4" x 4 1/2" x 1 3/4" | P | | | | ✓ | | | | | | | | | ✓ | ✓ |
| | | CM-34D | 2 3/4" x 4 1/2" x 3" | P | | ✓ | | | | | | | | | | | | |
| | Flush | CM-66 | 7" x 7" x 2" | S | | | | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | | |
| Double Gang/Square | Surface | CM-43CBL | 5" x 5" x 2" | P | | | | | | ✓ | ✓ | | | | | | | |
| | | CM-43CBLA | 5" x 5" x 2" | P | | | | | | | ✓ | ✓ | | | | | | |
| | | CM-43LP | 5" x 5" x 1 3/8" | P | | | | | | | ✓ | ✓ | | | | | | |
| | | CM-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-63CBL | 4 1/2" x 4 1/2" x 2" | P | | | | | | | ✓ | | ✓ | | | | | |
| | | CM-68AL/BZ | 4" x 4" x 3/4" | A | | | | | | | | | ✓ | | | | | |
| | Flush | CM-55CBL | 6 1/2" x 6 1/2" x 2" | P | | | | | | | | ✓ | | | | | | |
| CM-55i | 6 1/2" x 6 1/2" x 2" | P | | | | | | | | | ✓ | | | | | | | |
| 4 1/2" Round | Surface | CM-47S | 5" x 2 1/8" dia. | P | | | | | ✓ | | | | | | | | | |
| | | CM-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-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

PLATES



CM-49C



CM-440



CM-660

SLEEVES



CM-31



CM-67

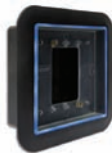
CAMDEN SWITCH AND ENCLOSURE COMPATIBILITY CHART

| | CM-280 | CM-300 | CM-310 | CM-310EE | CM-330 | CM-331/332/333 | CM-324/325 | CM-400/4000 | CM-500 | CM-700 | CM-1000 | CM-1100/1200 | CM-2000/2200 | CM-2510/2520 | CM-3000 | CM-3100 | CM-3200/3500 | CM-4085 TO 8085 | CM-5000 | Box / Enclosure | Style | |
|--|--------|--------|--------|----------|--------|----------------|------------|-------------|--------|--------|---------|--------------|--------------|--------------|---------|---------|--------------|-----------------|---------|-------------------------------------|-------------|--------------------|
| | | | | | | | | | | | | ✓ | | | | | | | | Box included w/switch | | |
| | | | ✓ | | | | | | | | | | | | | | | | | CM-23 | Surface | Narrow/ Jamb |
| | | | ✓ | | | | ✓N | ✓N | | | | | | ✓ | | | | | | CM-23D (Suitable for RF) | Surface | |
| | ✓ | ✓ | | | ✓ | ✓ | ✓ | ✓ | | ✓ | | ✓ | | | | | | | | CM-34AL | Surface | Single Gang |
| | ✓ | ✓ | | | ✓ | ✓ | ✓ | ✓ | | ✓ | | ✓ | | | | | | | | CM-34BL | Surface | |
| | | | | | ✓ | ✓ | ✓ | | | | | | | | | ✓ | | | ✓ | CM-34D | Surface | |
| | | | | | | | | | | | | | | | | | | | | CM-66 | Flush | |
| | | | | | ✓W | ✓W | ✓W | | | | | | | | | | | | | CM-43CBL | Surface | Double Gang/Square |
| | | | | | | | | | | | | | | | | | | | | CM-43CBLA | | |
| | | | | | | | | | | | | | | | | | | | | CM-43LP | | |
| | | | | | | | | | | | | | | | | | | | | CM-44 | | |
| | | | | | | | | | | | | | | | | | | | | CM-48AL | | |
| | | | | | | | | | | ✓ | | | | | | | | | | CM-53 | | |
| | | | | | | | | | | | | | | | | | | | | CM-540B | | |
| | | | | | | | | | | | | | | | | | | | | CM-54i | | |
| | | | | | | | | | | | | | | | | | | | | CM-63CBL | | |
| | | | | | | | | | | | | | | | | | | | | CM-68AL/BZ | | |
| | | | | | | | | | | | | | | | | | | | | CM-55CBL | Flush | |
| | | | | | | | | | | | | | | | | | | | | CM-55i | Flush | |
| | | | | | | | | | | | | | | | | | | | | CM-47S | Surface | 4 1/2" Round |
| | | | | | | | | | | | | | | | | | | | | M-570B | | |
| | | | | | | | | | | | | | | | | | | | | CM-59S | Flush | |
| | | | | | | | | | | | | | | | | | | | | CM-57CBL | | |
| | | | | | | | | | | | | | | | | | | | | CM-57GR | Flush | |
| | | | | | | | | | | | | | | | | | | | | CM-69S | Surface | 6" Round |
| | | | | | | | | | | | | | | | | | | | | CM-89S | | |
| | | | ✓ | ✓ | | | ✓N | ✓N | | | | | | ✓ | | | | | | Jamb Mount (1 3/4" framing) | Also fit... | |
| | ✓ | ✓ | | | ✓ | ✓ | ✓ | ✓ | | ✓ | | ✓ | | | | | | | | Single Gang electrical box | | |
| | | | | | ✓W | ✓W | ✓W | | | ✓ | | | | ✓ | ✓ | | | | | Double Gang, 4"x 4", electrical box | | |

BOXES



CM-43CBL



CM-55i



CM-43LP

NEW PRODUCT



CM-47S

ESCUTCHEONS



CM-79



CM-89S

WIRELESS DOOR CONTROLS

LAZERPOINT RF™
BY CAMDEN

LAZERPOINT RF: 915MHZ. WIRELESS DOOR CONTROL SYSTEM

Lazerpoint RF introduces the many advantages of 915 MHz. spread spectrum wireless technology to the market. The system encompasses the widest range of transmitters, receivers, activation devices and switch enclosures available today. Lazerpoint RF has been designed to provide the very best performance and value in new installations and is 'backwards compatible' for use in retrofit upgrades with 300 MHz., 318 MHz., 390 MHz., and 433 MHz. RF systems.

Lithium batteries recommended for environments below 0°C (32°F). To order, select option below.



FEATURES

- 12 or 24 volt, AC or DC operation. LAZERPOINT RF™ is compatible with all automatic door operators.
- Advanced 915MHz spread spectrum (broadband) wireless communications for outstanding range and performance in the most demanding applications.
- Multi-year battery life (using inexpensive 'AAA' alkaline batteries) and exclusive 'low battery', 'gas gauge' and 'stuck switch' audible alerts.
- RX-92 receiver with two channels plus 6 operating modes; saves time and money by avoiding the cost of buying and installing additional components.
- Optional plug-in receiver modules provide compatibility with other RF frequencies.
- 'PUSH AND LEARN' transmitter enrollment and signal strength indicators, makes LAZERPOINT RF™ the easiest system to install
- Ultra compact switch transmitter fits anywhere, including jamb box.
- Ultra compact receivers can be mounted in door operator cabinets.
- Compact, ADA compliant 1, 2 and 4 button key FOBs.
- Innovative FOB base for wheelchair, visor, belt or wall mounting.
- Plug-in Lazerpoint RF™ wireless transmitter module for CM-120 series digital keypads and CM-330 series hands free switches
- Camden product quality backed by a full 3 year replacement warranty

SPECIFICATIONS

- Wireless Frequency: 905.25 / 915.25 / 925.25 MHz. (Spread Spectrum)
- Wireless Range: **CM-TX9/99:** 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-RX91/92:** 12/24 V, AC/DC
CM-TX9: (2) AAA alkaline batteries (supplied)
(2) AAA Lithium batteries (option)
CM-TXLF Series: CR2032 Lithium battery
- Battery Life: **CM-TX9:** 500,000 cycles
CM-TXLF Series: 115,000 cycles
- Status & Alarm Indicators: **CM-TX9/TXLF:** Transmission confirmation, low battery, battery test & stuck switch
CM-RX91/92: Relay status, signal strength, erase mode & pot position
- Output: **CM-RX91:** (1) SPDT relay
CM-RX92: (2) SPDT relays
- Contact Rating: 3 Amps @ 30VDC
- Current Draw: **CM-TX9:** 2 mA
CM-RX91/92: 150 Ma - 500 Ma

HANDHELD WIRELESS ACTIVATION

KEY FOB TRANSMITTERS

| | |
|-----------|---|
| CM-TXLF-1 | One button key FOB |
| CM-TXLF-2 | Two-button key FOB |
| CM-TXLF-4 | Four-button key FOB |
| CM-TXLFB | Key FOB base, with belt/visor clip and wheelchair strap |

WALL SWITCH TRANSMITTERS

| | |
|--------|-------------------------|
| CM-TX9 | Wall Switch Transmitter |
|--------|-------------------------|

LITHIUM BATTERIES - CM-TX9

| | |
|----------|---|
| CM-xxxL2 | Add 'L2' to CM-TX9 model # for 'AAA' lithium batteries in place of alkaline |
| CM-LP2 | (2) 'AAA' lithium battery pack |

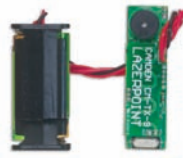
WIRELESS DOOR CONTROLS



CM-TXLF-1 CM-TXLF-2 CM-TXLF-4



CM-TXLFB



CM-TX9



CM-RFCT

- Time Delay: **CM-RX91:**
1-30 seconds
CM-RX92:
#1 D.O.R. 1-30 seconds
#2 D.O.O. 1-15 seconds
#2 D.O.R. 1-30 seconds
- Temp Range: **Alkaline:**
32°F to 122°F
(0°C to 50°C)
Lithium:
-40°F to 122°F
(-40°C to 50°C)
- Dimensions: **CM-TX9:**
2 1/4" x 5/8" x 3/8"
(57mm x 16mm x 10mm)
CM-RX91/92:
3 1/2" x 2" x 1"
(89mm x 51mm x 25mm)
CM-TXLF 1/2/4:
2 9/16" x 1 9/16" x 5/8"
(65mm x 40mm x 16mm)
CM-TXLFB:
4" x 1 5/8" x 3/4"
(102mm x 42mm x 19mm)

RF WIRELESS RECEIVERS

915MHZ. RECEIVERS

| | |
|---------|-----------------------------------|
| CM-RX91 | Basic Single Relay Receiver |
| CM-RX92 | Full Function Dual Relay Receiver |

OPTIONAL PLUG IN RECEIVER BOARDS

| | |
|-----------|---|
| CM-RX-DBB | 300 Mhz. Daughterboard (Blue Antenna) |
| CM-RX-DBO | 318 Mhz. Daughterboard (Orange Antenna) |
| CM-RX-DBR | 390 Mhz. Daughterboard (Red Antenna) |
| CM-RX-DBW | 433 Mhz. Daughterboard (Orange Antenna) |

SERVICE TOOLS

| | |
|---------|------------------------|
| CM-RFCT | Plug-in LED Cable Tool |
|---------|------------------------|



CM-RX-92



CM-RX-DBB
(not to size)

WIRELESS DOOR CONTROLS

LAZERPOINT RF: 915MHZ. WIRELESS SWITCH KITS

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



RFL Package

| CM-25 JAMB WIDTH PUSH PLATE | |
|-----------------------------|--|
| CM-RFL252 | (2) CM-25/2 Wheelchair symbol, (2) CM-23D Surface jamb boxes, (2) CM-TX9 Transmitters, (1) CM-RX91 Single relay receiver |
| CM-RFL253 | (2) CM-25/3 Push to open, (2) CM-23D Surface jamb boxes, (2) CM-TX9 Transmitters, (1) CM-RX91 Single relay receiver |
| CM-RFL254 | (2) CM-25/4 Combo graphics, (2) CM-23D Surface jamb boxes, (2) CM-TX9 Transmitters, (1) CM-RX91 Single relay receiver |



CM-25 Series



CM-23D

| CM-40 4 1/2" ROUND PUSH PLATE | |
|-------------------------------|--|
| CM-RFL402-47 | (2) CM-40/2 Wheelchair symbol, (2) CM-47S Surface boxes, (2) CM-TX9 Transmitters, (1) CM-RX91 Single relay receiver |
| CM-RFL403-47 | (2) CM-40/3 Push to open, (2) CM-47S Surface boxes, (2) CM-TX9 Transmitters, (1) CM-RX91 Single relay receiver |
| CM-RFL404-47 | (2) CM-40/4 Combo graphics, (2) CM-47S Surface boxes, (2) CM-TX9 Transmitters, (1) CM-RX91 Single relay receiver |
| CM-RFL402-49 | (2) CM-40/2 Wheelchair symbol, (2) CM-49A/B Flush/surface enclosures, (2) CM-TX9 Transmitters, (1) CM-RX91 Single relay receiver |
| CM-RFL403-49 | (2) CM-40/3 Push to open, (2) CM-49A/B Flush/surface enclosures, (2) CM-TX9 Transmitters, (1) CM-RX91 Single relay receiver |
| CM-RFL404-49 | (2) CM-40/4 Combo graphics, (2) CM-49A/B Flush/surface enclosures, (2) CM-TX9 Transmitters, (1) CM-RX91 Single relay receiver |



CM-40 Series



CM-47S



CM-49

| CM-45 4 1/2" (CONCEALED SCREWS) PUSH PLATE | |
|--|---|
| CM-RFL452 | (2) CM-45/2 Wheelchair symbol, (2) CM-43CBL Surface boxes, (2) CM-TX9 Transmitters, (1) CM-RX91 Single relay receiver |
| CM-RFL453 | (2) CM-45/3 Push to open, (2) CM-43CBL Surface boxes, (2) CM-TX9 Transmitters, (1) CM-RX91 Single relay receiver |
| CM-RFL454 | 2 CM-45/4 Combo graphics, (2) CM-43CBL Surface boxes, (2) CM-TX9 Transmitters, (1) CM-RX91 Single relay receiver |



CM-45 Series



CM-43CBL

| CM-46CB BLUE 4 1/2" SQUARE (EXPOSED SCREWS) PUSH PLATE | |
|--|---|
| CM-RFL46CB2 | (2) CM-46CB/2 Wheelchair symbol, (2) CM-43CBL Surface boxes, (2) CM-TX9 Transmitters, (1) CM-RX91 Single relay receiver |
| CM-RFL46CB3 | (2) CM-46CB/3 'PUSH TO OPEN', (2) CM-43CBL Surface boxes, (2) CM-TX9 Transmitters, (1) CM-RX91 Single relay receiver |
| CM-RFL46CB4 | (2) CM-46CB/4 Combo graphics, (2) CM-43CBL Surface boxes, (2) CM-TX9 Transmitters, (1) CM-RX91 Single relay receiver |



CM-46CB Series



CM-43CBL

| CM-46 4 1/2" SQUARE (EXPOSED SCREWS) PUSH PLATE | |
|---|---|
| CM-RFL462 | (2) CM-46/2 Wheelchair symbol, (2) CM-43CBL Surface boxes, (2) CM-TX9 Transmitters, (1) CM-RX91 Single relay receiver |
| CM-RFL463 | (2) CM-46/3 'PUSH TO OPEN', (2) CM-43CBL Surface boxes, (2) CM-TX9 Transmitters, (1) CM-RX91 Single relay receiver |
| CM-RFL464 | (2) CM-46/4 Combo graphics, (2) CM-43CBL Surface boxes, (2) CM-TX9 Transmitters, (1) CM-RX91 Single relay receiver |



CM-46 Series



CM-43CBL

| CM-60 6" ROUND PUSH PLATE | |
|---------------------------|--|
| CM-RFL602-69 | (2) CM-60/2 Wheelchair symbol, (2) CM-69S Surface boxes, (2) CM-TX9 Transmitters, (1) CM-RX91 Single relay receiver |
| CM-RFL603-69 | (2) CM-60/3 'PUSH TO OPEN', (2) CM-69S Surface boxes, (2) CM-TX9 Transmitters, (1) CM-RX91 Single relay receiver |
| CM-RFL604-69 | (2) CM-60/4 Combo graphics, (2) CM-69S Surface boxes, (2) CM-TX9 Transmitters, (1) CM-RX91 Single relay receiver |
| CM-RFL602-79 | (2) CM-60/2 Wheelchair symbol, (2) CM-79A/B Surface/flush enclosures, (2) CM-TX9 Transmitters, (1) CM-RX91 Single relay receiver |
| CM-RFL603-79 | (2) CM-60/3 'PUSH TO OPEN', (2) CM-79A/B Surface/flush enclosures, (2) CM-TX9 Transmitters, (1) CM-RX91 Single relay receiver |
| CM-RFL604-79 | (2) CM-60/4 Combo graphics, (2) CM-79A/B Surface/flush enclosures, (2) CM-TX9 Transmitters, (1) CM-RX91 Single relay receiver |



CM-60 Series



CM-69



CM-79

OPTIONS: (Add suffix and cost to models above)

| | |
|-------------|---|
| CM-RFLXXX/D | 'D' to Switch Package # for CM-RX92 Dual Relay Receiver in place of CM-RX91 |
| CM-RFLxxx/V | Add 'V' to switch package model # to include CM-2520 vestibule switch, CM-53 surface box, (2) CM-TX9 wireless transmitters and (2) CM-RX92 dual relay receivers |

Note: The CM-2520 graphic option will match push plate switches.

| LITHIUM BATTERIES - FOR WIRELESS SWITCH KITS | |
|--|-----------------------------------|
| CM-xxxL3 | Add 'L3' to RFL kit for (4) 'AAA' |
| CM-LP2 | (2) 'AAA' lithium battery pack |

| CM-2520 VESTIBULE SWITCH PACKAGES | |
|-----------------------------------|---|
| CM-RFL25202 | CM-2520 Wheelchair symbol, (1) CM-53 surface box, (2) CM-TX9 transmitters, (1) CM-RX92 dual relay receiver |
| CM-RFL25203 | CM-2520 'PUSH TO OPEN', (1) CM-53 surface box, (2) CM-TX9 transmitters, (1) CM-RX92 dual relay receiver |
| CM-RFL25204 | CM-2520 Wheelchair symbol & 'PUSH TO OPEN', (1) CM-53 surface box, (2) CM-TX9 transmitters, (1) CM-RX92 dual relay receiver |

Note: These vestibule packages are to be used with RFL-xx-D kits (RX-92 receiver).



CM-53



CM-RX92



CM-2520

WIRELESS DOOR CONTROLS

NARROW BAND: 318MHZ. WIRELESS DOOR CONTROL

Camden 318MHz. narrow band transmitters, receivers, and keypads avoid the high cost of running wires to an exit switch or key switch. Economical and durable, the Camden 318Mhz. transmitter is battery powered and all receivers require power wiring.



SPECIFICATIONS

CM-TX-8iRM:
 Frequency: 318 MHz
 Power: 2 x 2016 Lithium Cells
 Current Draw: 50mA Maximum
 Codes: "Push & Learn"
 Dimensions: 2 1/4" H x 1 1/4" W x 1/2" D (32mm x 57mm x 13mm)

CM-TX-1/2/4:
 Power: 2 x 2032 Lithium Cells (included)
 Channels: 1, 2, or 4
 Dimensions: 4 1/8" H x 1 1/2" W x 7/8" D (38mm x 105mm x 22mm)

CM-TX-1M/2M:
 Power: 2 x CR1616 Lithium Cells (included)
 Channels: 1 or 2
 Dimensions: 2 1/4" H x 1 1/4" W x 1/2" D (32mm x 57mm x 13mm)

FEATURES

- 24V AC/DC Operation
- Compatible with Camden All-Active Switches
- 318 MHz Operating Frequency
- Selection of key fob transmitter and (3) handheld remote transmitters
- Compatible with Camden CM-RX91/CM-RX92 receivers with plug-in CM-RX-DBO 318Mhz. fixed frequency daughterboard.

See page 71 for more information about Lazerpoint RF™.

WALL MOUNT TRANSMITTER

| | |
|------------|--|
| CM-TX-8iRM | Micro switch transmitter for CM-25 series, fits CM-23D jamb box, lithium battery included, with instant response |
|------------|--|

HANDHELD TRANSMITTERS

| | |
|----------|---|
| CM-TX-1 | One Channel, Standard Size Transmitter |
| CM-TX-2 | Two channel, Standard Size Transmitter |
| CM-TX-4 | Four Channel, Standard Size Transmitter |
| CM-TX-1M | One Channel, Keychain Transmitter |
| CM-TX-2M | Two Channel, Keychain Transmitter |

RECEIVERS

| | |
|-----------|--|
| CM-RX-91 | Basic Single Relay Receiver |
| CM-RX-DBO | 318Mhz. Daughterboard (Orange Antenna) |



CM-TX-8iRM



CM-TX-1



CM-TX-2



CM-TX-4



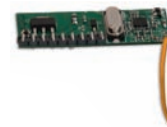
CM-TX-1M



CM-TX-2M



CM-RX-91



CM-RX-DBO

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

Camden 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
(Shown with mortise cylinder, sold separately)

FEATURES

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

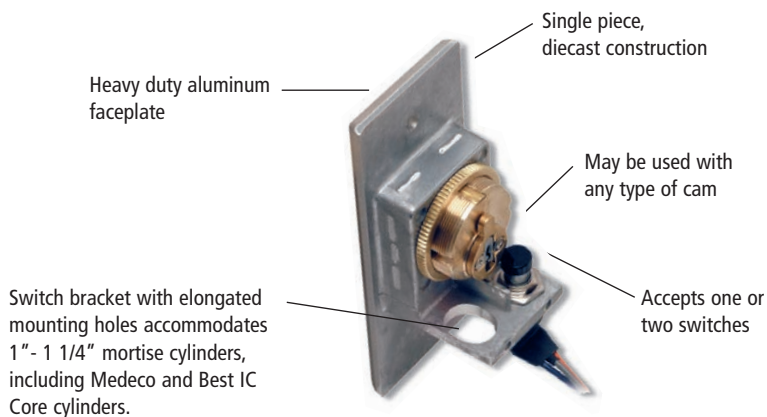
MODELS

| | |
|---------|--|
| 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 Momentary |
| CM-1030 | Surface mount key switch, SPDT Maintained |
| CM-1050 | Surface mount key switch, (2) SPDT Momentary |
| CM-1060 | Surface mount key switch, (2) SPDT Maintained |
| CM-1070 | Surface mount key switch, SPDT Momentary & SPDT Maintained |
| CM-1080 | Surface mount key switch, DPDT Momentary |
| CM-1082 | Surface mount key switch, (2) DPDT Momentary |
| CM-1090 | Surface mount key switch, DPDT Maintained |
| CM-1092 | Surface mount key switch, (2) DPDT Maintained |

SPECIFICATIONS

| | |
|-----------------|--|
| Voltage: | 12/24V AC/DC |
| Contact Rating: | SPST/SPDT/DPDT: 6A@30V DC |
| Switch Life: | 100,000 cycles |
| Temp Range: | SPST/SPDT/DPDT: 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) |
| Std. Finish: | Brushed aluminum |

NOTE: See page 80 for LED and faceplate options.



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).

KEY SWITCHES

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

Camden 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. Camden key switches offer the widest range of stock switch configurations in the industry. They accept virtually any 1" - 1 1/4" mortise cylinder and cam (sold separately).



FEATURES

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

SPECIFICATIONS

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

SINGLE GANG KEY SWITCH

| | |
|---------|---|
| 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 Momentary |
| CM-1130 | Flush mount key switch, SPDT 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 & Maintained |
| CM-1180 | Flush mount key switch, DPDT Momentary |
| CM-1182 | Flush aluminum key switch, (2) DPDT Momentary |
| CM-1190 | Flush mount key switch, DPDT Maintained |
| CM-1192 | Flush aluminum key switch, (2) DPDT Maintained |

NARROW KEY SWITCH

| | |
|---------|---|
| 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, Momentary, N/O & N/C |
| 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 & Maintained |
| CM-2080 | Flush mount key switch DPDT Momentary |
| CM-2082 | Flush aluminum jamb key switch, (2) DPDT Momentary |
| CM-2090 | Flush mount key switch, DPDT Maintained |
| CM-2092 | Flush aluminum jamb key switch, (2) DPDT Maintained |



CM-1100

(Shown with optional LED's.
Mortise cylinder sold separately)



CM-2000

(Mortise cylinder sold separately)

NOTE: See page 80 for LED and faceplates options.

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

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



FEATURES

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

SINGLE GANG KEY SWITCH

| | |
|---------|---|
| 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 Momentary |
| CM-1230 | Flush mount key switch, SPDT 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 stainless steel key switch, (2) DPDT Momentary |
| CM-1290 | Flush mount key switch, DPDT Maintained |
| CM-1292 | Flush mount stainless steel key switch, (2) DPDT Maintained |

NARROW KEY SWITCH

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

SPECIFICATIONS

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



CM-1200



CM-2200

(Mortise cylinder sold separately)

NOTE: See page 80 for LED and faceplates options.

KEY SWITCHES

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

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



FEATURES

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

SPECIFICATIONS

Voltage: 12/24V AC/DC
 Contact Rating: **SPST/SPDT/DPDT:** 6A@30V DC
 Switch Life: 100,000 cycles
 Temp Range: **SPST/SPDT/DPDT:** 32°F - 85°F (0°C to +30°C),
 Finish: US32 / C32D
 Dimensions: 4 1/2" H x 4 1/2" W x 1 5/8" D (114mm x 114mm x 41mm)

DOUBLE GANG ONE CYLINDER KEY SWITCH

| | |
|---------|--|
| CM-3200 | SPST Momentary, N/O |
| CM-3205 | SPST Momentary, N/C |
| CM-3210 | SPST Maintained |
| CM-3220 | SPDT Momentary |
| CM-3230 | SPDT 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 gang key switch, (2) DPDT Momentary |
| CM-3290 | DPDT Maintained |
| CM-3292 | 2 gang key switch, (2) DPDT Maintained |

DOUBLE GANG DUAL CYLINDER KEY SWITCH

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

NOTE: See page 80 for LED and faceplates options.

*Dual cylinder models are supplied with twice the number of switches, lock nuts, and mounting hardware than a single cylinder model.



CM-3200



CM-3500

(Shown with mortise cylinder, sold separately)

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

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

| MORTISE CYLINDERS | |
|--------------------------|---|
| CM-1000/60KA | Mortise cylinder 1 1/8 inch, solid brass, chrome finish, keyed alike (Keyed alike per lot. See lot number on side of package to confirm multiple cylinders keyed alike) |
| CM-1000/60KD | Mortise cylinder as above, keyed different |
| CM-307 | Mortise cylinder housing for Best™ style IC core |
| CM-308 | Best™ style IC core, keyed different |

KEY SWITCHES

PARTS FOR KEY SWITCHES

Camden supports our key switch program with a complete list of parts. From 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 |



CM-1000/21

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



CM-1000/60



CM-1000/50

MORTISE CYLINDERS

| | |
|--------------|---|
| CM-1000/50 | Cylinder lock ring |
| CM-1000/60KA | Mortise cylinder, 1 1/8", solid brass, keyed alike, aluminum finish |
| CM-1000/60KD | Mortise cylinder as above, keyed different |
| CM-307 | Mortise cylinder housing for Best™ style IC core |
| CM-308 | Best™ style IC core, keyed different |



CM-34AL

MOUNTING BOX

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

AUTOMATIC DOOR CONTROL SWITCHES

CM-160/170/180 SERIES: KEY SWITCHES

Camden 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
- 2, 3, 4 position maintained and 2 position momentary models
- Key removable in all maintained positions
- All switches are keyed alike

MODELS

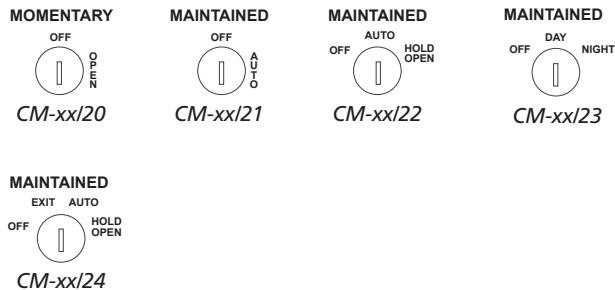
| | |
|--------|--|
| CM-160 | Key switch with plastic lamacoid (mini) faceplate |
| CM-170 | Key switch with stainless steel (narrow stile) faceplate |
| CM-180 | Key switch with stainless steel (single gang) faceplate |

SPECIFICATIONS

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

OPTIONS: (Add suffix and cost to model above)

GRAPHICS



EXTRA KEYS

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



CM-160/23



CM-170/23



CM-180/24

AUTOMATIC DOOR CONTROL SWITCHES

CM-190 SERIES: TOGGLE SWITCH

Camden CM-190 Series maintained toggle switches are specifically designed for control of automatic door operators and feature a choice of faceplates, for mounting on the door operator cabinet or wall.



FEATURES

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

SPECIFICATIONS

Voltage: 12/24 VDC
 Contact Rating: 6A@30V DC
 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)

TOGGLE SWITCHES

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

OPTIONS: *(Add suffix and cost to model above)*

GRAPHICS

MAINTAINED



CM-xx/30

MAINTAINED



CM-xx/31



CM-190/31



CM-195/31

CM-PT: HEAVY DUTY POWER TRANSFER CABLES

| STANDARD MODELS | |
|-----------------|--|
| CM-PTS14 | Zamac endcaps, 1/4" inside diameter cable, 12" length |
| CM-PT14 | Aluminum endcaps, 1/4" inside diameter cable, 18" length |
| CM-PT14DUR | As above, duranodic (dark bronze) finish |
| CM-PT38 | Aluminum endcaps, 3/8" inside diameter cable, 18" length |
| CM-PT38DUR | As above, duranodic (dark bronze) finish |

| CONCEALED POWER TRANSFER CABLE | |
|--------------------------------|--|
| CM-PT516M | Concealed Power Transfer Cable, 5/16" inside diameter, mortise mount |

| STAINLESS STEEL ENDCAPS, 1/4" INSIDE DIAMETER | |
|---|---|
| CM-PTSS-7 | Stainless steel cable and endcaps, 7" length |
| CM-PTSS-12 | Stainless steel cable and endcaps, 12" length |
| CM-PTSS-18 | Stainless steel cable and endcaps, 18" length |

| STAINLESS STEEL ENDCAPS, 3/8" INSIDE DIAMETER | |
|---|---|
| CM-PTSS38-7 | Stainless steel cable and endcaps, 7" length |
| CM-PTSS38-12 | Stainless steel cable and endcaps, 12" length |
| CM-PTSS38-18 | Stainless steel cable and endcaps, 18" length |

PTSS models are available in lengths up to 72". Contact factory for pricing and delivery
 1/4" ID. models for 4 conductor 22 gauge, or 2 conductor 18 gauge wire
 3/8" ID. models for 16 conductor 22 gauge, or 8 conductor 18 gauge wire



CM-PTS14



CM-PT14/PT38



CM-PT516M



CM-PTSS-18

PRESSURE GAUGES

CM-PG: PRESSURE GAUGES

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



CM-PG

FEATURES

- Use PG1 to measure swing door closing force or switch activation force
- Use PG2 to measure auto door opening force (swinging, sliding or overhead)
- Use PG3 to measure opening force as well as door sidelite breakout force

MODELS

| | |
|--------|----------------------------|
| CM-PG1 | 0-7 Lbs. Pressure gauge |
| CM-PG2 | 0-35 Lbs. Pressure gauge |
| CM-PG3 | 0-50 Lbs. Pressure gauge |
| CM-PG4 | 10-100 Lbs. Pressure gauge |

The industry's most
advanced keypad...
no strings attached

TRI BRID
TECHNOLOGY

**Stand-Alone, Wiegand & Optional Wireless
at a 'Stand-Alone' Price!**

Camden's CM-120 Series Keypads are unlike any others you've installed before. Imagine one keypad for any door control project, stand alone or as part of your access control system, with the option to control doors wirelessly! CM-120 Series keypads also offer a complete range of advanced features, including '*' or '#' code number confirmation, global lockout and latch modes. Best of all, these industry-leading keypads are competitively priced against most stand-alone keypads!

- Indoor / back-lit, weather and vandal resistant models with optional 2 channel plug-in wireless transmitter for control of additional doors or gates
- Fully wireless, battery operated model
- 999 users with 10 million variable length codes
- (2) 3 Amp. Form 'C' relays with independent control
- REX and door contact inputs



Control up
to 6 relay outputs
with 1 keypad!

CM-120: FLUSH MOUNT WIRED AND WIRELESS KEYPADS

CM-120 SERIES KEYPADS are North American built and provide Tri-Brid™ stand alone, Wiegand and optional wireless operation! CM120i 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 CM-TX99 wireless transmitter module. CM-120TX keypads are fully wireless with battery power. A CM-RX 91/92 Series receiver is required, sold separately.

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

FEATURES

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

STAND-ALONE/WIEGAND KEYPADS

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

OPTIONAL LAZERPOINT RF™ WIRELESS TRANSMITTER

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

BATTERY OPERATED KEYPAD

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

LITHIUM BATTERIES - FOR CM-120TX

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

COMPATIBLE LAZERPOINT RF™ WIRELESS RECEIVERS

| | |
|----------|--|
| CM-RX-91 | Basic single relay receiver, 12/24V AC/DC |
| CM-RX-92 | Full function, dual relay receiver, 12/24V AC/DC |



SPECIFICATIONS

CM-120i / CM-120wV2:

- Voltage: 12/24 V 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: 3 Amps. @ 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
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)



CM-TX-99



CM-120i



CM-120wV2
CM-120TX

KEYPADS

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

Camden surface mount keypads are rugged, weather and vandal resistant stand-alone devices for control of electrically locked doors. Camden surface mount keypads feature cast metal housings with metal backlit keypads, 'Request to Exit' inputs, tamper alarm and support up to 2,000 users. They may also be used for activating or deactivating machinery, equipment, overhead doors, automatic doors or other electrical device.

FEATURES

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

MODELS

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



CM-110SK

CM-550SK

SPECIFICATIONS

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

CM-600 SERIES: PIEZOELECTRIC KEYPADS

CM-600 Series Piezo keypads are constructed using a patented one-piece design with no moving parts. The anodized graphics never wear off and the one-piece aluminum housing provides protection against water, weather and vandalism. LED's provide visual feedback and there is an audible confirmation of the key presses.

FEATURES

- One piece aluminum housing
- Visual & audible feedback during programming
- Heavy-duty form 'C' Relay
- No moving parts
- Anodized graphics never wear off
- Water proof
- Vandal proof
- 5 year warranty

STAND-ALONE

| | |
|---------|------------------------------|
| CM-626S | Keypad, Surface, Jamb |
| CM-634 | Keypad, Surface, Single Gang |

WIEGAND OUTPUT

Camden also offers jamb width and single gang surface mount piezoelectric keypads with Wiegand output. See page 109.



CM-626S



CM-634

SPECIFICATIONS

| | |
|-------------|---|
| Voltage: | 12 VAC/VDC or 24 VDC |
| Output: | Form 'C' |
| Temp Range: | -40°F to +257°F (-40°C to +125°C) |
| Usage: | 200 User Codes, 100 Million Combinations |
| Memory: | EEPROM |
| Dimensions: | CM-626: 7 1/8" H x 1 3/4" W x 15/16" D (181mm x 44mm x 23mm) CM-634: 5 1/8" H x 3 3/16" W x 13/16" D (130mm x 81mm x 21mm) |



INDUSTRIAL DOOR AND GATE CONTROLS



91 KEY/GATE SWITCHES

- 91 **CI-1KF:** Interior Use Industrial Key Switches
- 91 **CI-KX:** Exterior Use Surface Mount Industrial Key Switches
- 92 **CI-3502:** Mortise Cylinder Industrial Key Switch

93 PUSH BUTTON CONTROL STATIONS

- 93 **CI-3B Series:** Exterior Use Control Stations
- 93 **CI-PB Series:** Interior Use Control Stations

94 CEILING PULL SWITCHES

- 94 **CI-WPS1/SCP1:** Ceiling Pull Switches

KEY/GATE SWITCHES

■ CI-1KF: INTERIOR USE INDUSTRIAL KEY SWITCHES

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

FEATURES

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

MODELS

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



CI-1KF



CI-1KFS

SPECIFICATIONS

Contact Type: **CI-1KS:** 2 x N/O SPST
CI-1KFS: 2 x N/O SPST,
 1 x N/C Momentary

Contact Rating: 18A@125V AC,
 15A@250V AC

Enclosure: NEMA 1 and NEMA 2

Dimensions: 5" H x 4 7/16" W x 2 25/32"D
 (127mm x 113mm x 71mm)

■ CI-KX: EXTERIOR USE SURFACE MOUNT INDUSTRIAL KEY SWITCHES

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

FEATURES

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

MODELS

| | |
|-----------|---|
| CI-1050CP | Surface, single gang enclosure, weather resistant cover, (2) SPDT momentary switches, mortise cylinder, keyed alike |
| CI-1KX | Diecast aluminum enclosure, painted gray enamel, NEMA 1, 2, 3R, 4, 6, 12, 13, and ICS |
| CI-1KXS | As above, with weatherized stop button, NEMA 1, 2, 3R, 4, 6, 12, 13, and ICS |



CI-1KX



CI-1050CP

SPECIFICATIONS

Contact Type: **CI-1050CP:** 2 x N/O SPST
CI-1KX: 2 x N/O SPST
CI-1KXS: 2 x N/O SPST,
 1 x N/C Momentary

Contact Rating: **CI-1050CP:**
 15A@125V AC,
 10A@250V AC

CI-1KX & CI-1KXS:
 18A@125V AC,
 15A@250V AC

Switch Life: 100,000 cycles

Enclosure: Nema 4

Dimensions: **CI-1050CP:**
 4 1/2" H x 2 3/4" W x 1 3/4" D
 (114mm x 70mm x 45mm)

CI-1KX & CI-1KXS:
 4 3/8" H x 4 5/64" W x 2 3/4" D
 (111mm x 105mm x 70mm)

■ CI-3502: MORTISE CYLINDER INDUSTRIAL KEY SWITCH

Camden's mortise cylinder key switch is designed to control grilles or gates where high security key access is required. The switch is compatible with all 1" to 1 1/4" mortise and IC core cylinders. Includes double gang Stainless steel faceplate, (2) SPST N/O switches, red emergency stop button surface ABS box and weather resistant gasket. Mortise cylinder (1 1/8"), solid brass, chrome finish, keyed different & (2) keys included.

FEATURES

- Double Action switch for grille, gate and industrial applications
- Includes emergency stop button, 2 x SPST N/O switches and surface mount box
- Mortise cylinder (1 1/8"), solid brass, chrome finish, keyed different & (2) keys included.

MODEL

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



SPECIFICATIONS

- Contact Type: 2 x N/O SPST.
1 x Emergency STOP Push button
- Contact Rating: 6A@125V AC
- Enclosure: NEMA 1 Surface Mount
- Endurance: 100,000 cycles
- Mortise Cylinder: 1 1/8", keyed different, (2) keys
- Dimensions: 5 1/8" H x 5 1/8" W x 2" D (130mm x 130mm x 51mm)

PUSH BUTTON CONTROL STATIONS

■ CI-3B SERIES: EXTERIOR USE CONTROL STATIONS

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



CI-3BXL

FEATURES

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

MODELS

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

SPECIFICATIONS

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

■ CI-PB SERIES: INTERIOR USE CONTROL STATIONS

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



CI-PBS3

CI-PBU3

FEATURES

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

MODELS

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

SPECIFICATIONS

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

■ CI-SCP1/CI-WPS1: CEILING PULL SWITCHES

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



FEATURES

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

MODELS

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

SPECIFICATIONS

Contact Type: **CI-SCP1:** Form C (SPDT)

CI-WPS1:

N/O SPST Momentary

Contact Rating: 15A@240V AC

Cord: 20' with handle

Enclosure: **CI-SCP1:** NEMA 1, 2, 3R, 4, 6, 12, 13 and ICS

CI-WPS1: NEMA 4

Dimensions:

CI-SCP1:

5 1/2" H x 6 1/2" W x 4 1/4" D
(140mm x 165mm x 110mm)

CI-WPS1:

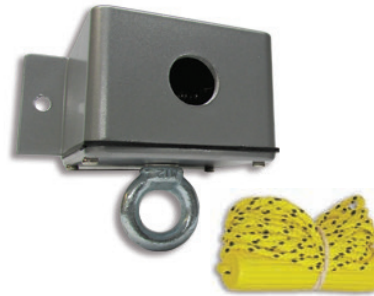
5 1/2" H x 6 1/2" W x 4 1/4" D
(140mm x 165mm x 110mm)

CI-WPSH:

5 1/2" H x 6 1/2" W x 4 1/4" D
(140mm x 165mm x 110mm)



CI-SCP1



CI-WPS1



TELEPHONE ENTRY AND ACCESS CONTROL



97 TELEPHONE ENTRY SYSTEMS

- 97 **CV-TACIP-100:** VOIP Telephone Entry System
- 99 **CV-TAC400:** Telephone Entry System
- 100 **CV-800 Series:** Serial to Wiegand Interface

101 ACCESS CONTROL SYSTEMS

- 101 **CV-110SPK:** Slim Line Stand-Alone Proximity Reader and Keypad
- 101 **CV-550SPK:** Stand-Alone Proximity Reader and Keypad
- 102 **CV-601:** M-PROX Stand-Alone Single Door Access Control System
- 104 **CV-602:** M-PROX 2 - Two Door Proximity Access Control System
- 105 **CV-945:** Stand-Alone Fingerprint Reader
- 106 **CV-350:** TCP/IP Access Control Systems

- 107 **CV-900 'Designer Series':** Access Control Wiegand Devices
- 109 **CV Series:** Access Control System Readers
- 110 **CV-634/626 Series:** Piezo System Keypads and Keypad/Readers
- 110 **CV-710SL:** Surface Mount Metal Wiegand Keypad

TELEPHONE ENTRY SYSTEMS



CV-TACIP-100: VOIP TELEPHONE ENTRY SYSTEM

Camden's TAC IP integrated VOIP and browser based telephone entry and access control system offers exceptional value, a full range of advanced features, and a rugged design able to offer years of trouble free service. TAC IP utilizes the latest Internet technology to reduce telephone line charges (with built-in VOIP communications) and make installation, administration and maintenance easier than has ever been possible before (with browser-based software).

TAC IP includes the widest range of panels, accessories and devices to provide a complete security solution for commercial and multi-unit residential buildings, with up to 2,000 users and 32 access controlled doors.

VOIP telephone service for TAC IP is provided by Vistadial Communications™, a 3rd party monthly billing service. Vistadial Communications™ also provides on-line and call-in technical support for the VOIP service.



SPECIFICATIONS

Communications: Hands free, fully duplex

System:

- Browser Requirement: Google Chrome
- Network Interface: Port 1
- RS485 Port: 1 (Proprietary Protocol)
- Panel/Device Support: 5 panels (max) and 32 readers or elevator cabs
- Operating Temperature: +32°F to +122°F (0°C to +50°C)
- Operating Temp/Heater: -22°F to +122°F (-30°C to +50°C)
- Dimensions: Panel: 13" H x 11.375" W x 3" D (330mm x 289mm x 76mm)

Telephone Entry:

Directory: Up to 2000 names, 4 line tenant listing

VOIP

Communications: Built in, PSTN connection via optional module

Output: (3) Form 'C', rated 2 Amp @ 30V

Display: Backlit, 4 x 20 character

Keypad: Backlit, heavy duty, weather resistant

Greeting

Message: 50 Characters

Telephone Entry

Inputs: Postal lock & tamper switch

Camera: Provision for 3rd party camera, pre-wired

Event log: 4,000 events

Access Control:

No. of Doors: 1 to 32 doors/readers

TELEPHONE ENTRY SYSTEM FEATURES

- **ELEGANT DESIGN:** Highly attractive brush stainless steel panel with back-lit keys
- **LARGE DIRECTORY:** Backlit 4 line LCD display with up to 2,000 names
- **SIZED FOR RETROFIT:** Fits existing in-wall box size of Sentex, SES, Door King and Mircom panels
- **VOIP TECHNOLOGY:** Reduce the monthly phone charges with revolutionary call management capabilities
- **ANALOG TECHNOLOGY: OPTIONAL VOIP** to PSTN line adapter can be used as back-up or as primary communications
- **BUILT-IN E-MAIL MESSAGING:** Alert residents when they have missed visitors
- **CONCIERGE:** TAC IP supports a full range of concierge service

ACCESS CONTROL SYSTEM FEATURES

- **ADVANCED DESIGN:** fully integrated access control system, up to 32 doors and 2,000 card holders
- 256 access levels
- 256 time zones
- 100 holiday schedules
- 4000 event audit (off-line)
- **ELEVATOR CONTROL:** Control up to 4 elevator cars with up to 64 floors per car
- **BUILT-IN CARD READER:** HID/AWID format reader built into face of TAC IP panel
- Up to 32 card readers per system
- **INTEGRATION WITH OTHER ACCESS CONTROL SYSTEMS:** 26 bit Wiegand output

TELEPHONE ENTRY/ACCESS PANEL

| | |
|--------------|---|
| CV-TACIP-100 | VOIP Telephone Entry and access control panel, browser based software, network and RS485 interface included |
|--------------|---|

PANEL OPTIONS

| | |
|--------------|--|
| CV-TAC-4PRA | Panel mounted HID/AWID dual format prox. reader, factory installed |
| CV-TACIP-5HT | Panel heater, required for installations below 0°C (+32°F) |
| CV-TACIP-PST | VOIP to PSTN module |
| CV-TACIP-VPG | VOIP Phone for Guard Station |

TELEPHONE ENTRY SYSTEMS

MOUNTING ENCLOSURES

| | |
|--------------|---|
| CV-TACIP-TR2 | 2" SS panel trim ring, for semi-flush mounting |
| CV-TACIP-TR4 | 4" SS panel trim ring, for semi-flush mounting |
| CV-TACIP-WHF | Semi-flush SS weather hood, with 2" trim ring |
| CV-TACIP-WHS | Surface stainless steel weather hood |
| CV-TACIP-GAM | Goose neck mount adapter for surface weather hood |

CONTROLLERS

| | |
|-----------|--|
| CV-TAC4WC | WIEGAND CONTROLLER for adding up to 32 remote prox readers, RF, or keypads. Up to 4 wiegand controllers can be designated for elevator cab control |
| CV-TAC4EL | ELEVATOR CONTROLLER (one required per 16 floors, per cab) |

WIRELESS ACCESS

| | |
|--------------|---|
| CV-TACIP-6RX | 6 Channel Wiegand Wireless Receiver |
| CV-TACIP-4TX | 4-Button Transmitter c/w wafer, (10/PKG.) |

HID/AWID DUAL FORMAT READER

| | |
|---------|--|
| CV-7400 | AWID/HID compatible prox reader, mullion style, up to 4"-5" read range |
| CV-7820 | AWID/HID compatible prox reader, single gang, up to 4"-5" read range |

COMPATIBLE PROX. CARDS & KEY TAGS

| | |
|----------|---|
| CV-CSA | AWID Format Prox. Cards, clam shell style, package of 10 |
| CV-CSA-B | AWID Format Prox. Cards, clam shell style, package of 100 |
| CV-ISA | AWID Format ISO Prox Card, package of 10 |
| CV-ISA-B | AWID Format ISO Prox Card, package of 100 |
| CV-KTA | AWID Format Prox. Key Tag, package of 25 |
| CV-CSH | HID Format Clam Shell Style Card, package of 10 |
| CV-CSH-B | HID Format Clam Shell Style Card, package of 100 |
| CV-ISH | HID format ISO Prox Card, package of 10 |
| CV-ISH-B | HID format ISO Prox Card, package of 100 |
| CV-KTH | HID Format Prox.Tag, package of 25 |

NOTE: All Cards are sold in multiples of 10.

Elevator Control:

No. of Doors: 1 to 32 doors/readers
 Elevator Control: 4 cabs x 64 floors
 Administration: 100 holiday schedules
 256 door and elevator access

Wiegand

Interface: 26 and 35 bit input,
 26 bit output

Access Control

Inputs: Door contact, REX switch,
 REX sensor

Built-in Prox

Reader: HID/AWID format proximity



CV-TAC4WC
Wiegand Controller



Elevator Controller



CV-7400
Card Reader



CV-7820
Card Reader



CV-CSH



Fob
CV-KTH

TELEPHONE ENTRY SYSTEMS



CV-TAC400: TELEPHONE ENTRY SYSTEM

INVISION TAC™ is an integrated Auto-Dial Control (ADC) Telephone Entry system that supplies maximum performance, durability and economy in multiple configurations. From stand-alone phone entry, to integrated phone entry and card access, to multi-panel system configurations with elevator control, Invision TAC™ is the new market leader!



TELEPHONE ENTRY FEATURES

- Now featuring a large print 4 line display
- Built-in 500 name electronic directory
- Full audit capability for all entrances and other secured areas
- Master/slave configuration; up to 3 slave panels for visitor parking, garages, etc.
- Robust keypad with dedicated scroll and call buttons
- 15 digit dialing
- Local (via USB) or remote (via telephone modem) programming
- Supports after-hour automated attendant
- Supports PIN code access for emergency and other services
- Wiegand output (for integration with other access control systems)
- Optional HID/ AWID format card reader built into front face of lobby panel, and up to 3 slave panels
- Up to 12 CV-TAC4WC Wiegand controllers, for adding card readers or other Wiegand devices (one device per controller)
- 20 time zones, 8 access levels, holiday schedules, visitor use
- 4000 audit transactions
- RS485 polling;
- Supervised inputs throughout the system
- Up to 3,000 users
- Elevator controls for buildings up to 48 floors, 4 cabs per system

SPECIFICATIONS

Telephone Entry:

- Suite Directory: Up to 500. with 4 Line Tenant Listing
- Pin Codes: Up to 10 for Emergency Services and Maintenance Personnel
- Slave support: 3 Slaves
- Voltage: 12V DC, Reverse Protected
- Current Draw: 135mA
- Display: Backlit, 4 x 20 Character
- Keypad: Backlit, Heavy Duty Weather Resistant

Greeting

- Message: 50 Characters
- Communications: Hands Free, Full duplex Communications

- Mode: 2 x RS485 Proprietary Protocol @ 9600 BAUD

- Output: 2 x Form C (SPDT) 26 bit Wiegand

- Contact Rating: 3A@125V AC
- Postal Keylock: Knock-Out for Pre-Wired Keylock

Provision

- for Camera: Yes
- Audit
- Transactions: Up to 4,000, supported 'Off-Line'
- Temp Range: +32°F to +122°F (0°C to 50°C)

With Optional

- Heater: -22°F to +122°F (-30°C to +50°C)

Access Control:

- No. of Doors: Up to 16
- Programmable
- Access Levels: 8
- Built-in Prox
- Reader: HID/AWID Format
- Proximity
- User Codes: 600 Users, with up to 5 Access Codes each (Up to 3,000 total)
- Holidays: Up to 10
- Elevator Control: 4 Cabs x 48 Floors

TELEPHONE/ACCESS PANELS

| | |
|------------|---|
| CV-TAC400B | Master directory, 4 line electronic display, with USB/485 interface for local programming/monitoring, software included |
| CV-TAC400M | Master directory, 4 line electronic display, with modem for off-site programming/monitoring, software included |
| CV-TAC400S | Slave directory, 4 line electronic display |

MOUNTING ENCLOSURES (FOR ABOVE)

| | |
|-----------|---|
| CV-TAC4FB | Stainless Steel Flush 'rough-in' back box |
| CV-TAC4SB | Stainless Steel Surface Mount Enclosure |
| CV-TAC4FH | Stainless Steel Rain Hood for flush or surface mount back box |

PANEL OPTIONS

| | |
|------------|--|
| CV-TAC4USB | INTERFACE, RS485 to USB, for local programming via PC, (supplied with CV-TAC400B) required for CV-TAC 400M local programming |
| CV-TAC4H | HEATER, must be installed by factory, includes 50VA transformer |
| CV-TAC4P | HANDSET, for privacy or noisy lobby environments |
| CV-TAC4PRA | CARD READER, panel mounted HID/AWID dual format prox., factory installed |
| CV-TAC4M | Modem for offsite programming (supplied with CV-TAC400M) |

TELEPHONE ENTRY SYSTEMS

CONTROLLERS

| | |
|-----------|--|
| CV-TAC4WC | WIEGAND CONTROLLER for adding up to 32 remote prox readers, RF, or keypads. Up to 4 wiegand controllers can be designated for elevator cab control |
| CV-TAC4EL | ELEVATOR CONTROLLER (one required per 16 floors, per cab) |

HID/AWID DUAL FORMAT READER

| | |
|---------|---|
| CV-7400 | AWID/HID compatible prox reader, mullion style, up to 4" -5" read range |
| CV-7820 | AWID/HID compatible prox reader, single gang, up to 4" -5" read range |

COMPATIBLE PROX. CARDS & KEY TAGS

| | |
|----------|---|
| CV-CSA | AWID Format Prox. Cards, clam shell style, package of 10 |
| CV-CSA-B | AWID Format Prox. Cards, clam shell style, package of 100 |
| CV-ISA | AWID Format ISO Prox Card, package of 10 |
| CV-ISA-B | AWID Format ISO Prox Card, package of 100 |
| CV-KTA | AWID Format Prox. Key Tag, package of 25 |
| CV-CSH | HID Format Clam Shell Style Card, package of 10 |
| CV-CSH-B | HID Format Clam Shell Style Card, package of 100 |
| CV-ISH | HID format ISO Prox Card, package of 10 |
| CV-ISH-B | HID format ISO Prox Card, package of 100 |
| CV-KTH | HID Format Prox.Tag, package of 25 |

NOTE: All Cards are sold in multiples of 10.



CV-TAC4WC
Wiegand Controller



CV-7400
Card Reader



CV-7820
Card Reader



CV-CSH



CV-KTH

CV-800: SERIAL TO WIEGAND INTERFACE

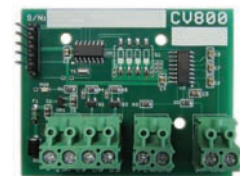
Camden CV-800 serial to Wiegand Converters provides a flexible and cost effective means to fully integrate telephone entry systems with an access control system. The CV-800 also monitors the postal lock switch. Models are available to support select Viscount™, SES™ and Sentex™ entry systems.

FEATURES

- Enhances building security by adding full featured access control to easily compromised telephone entry systems
- Compatible with Viscount™, SES™ and Sentex™ telephone entry systems.
- Easily wired to the access control system as a standard wiegand card reader.
- Provides a record of telephone entry activity (entry/access granted) via the access control system.
- Plug-in connection to the telephone entry system via RS 232 connector (DB -9 type or two conductors).

MODELS

| | |
|-----------|--|
| CV-800EP | For Viscount Enterphone 2000 System (requires firmware 2.4 or greater) |
| CV-800SEN | For Sentex Infinity Series Systems |
| CV-800SES | For SES TEC & CAT Series Systems |
| CV-800VE | For Viscount Electra System |



SPECIFICATIONS

| | |
|-----------------|--|
| Output: | 26 bit Wiegand |
| Facility Code: | 0 (Zero) |
| Baud Rate: | 9600 (4800 for Sentex) |
| Power Supply: | Required, 9 to 14VDC |
| Cable Distance: | 300ft. (90m), using 22 AWG, shielded 6 conductor |

ACCESS CONTROL SYSTEMS

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

Camden CV-110SPK slim line (jamb width) stand-alone, EM format proximity reader and keypad, supports up to 2,000 users with card, PIN, or card and PIN access. The CV-110SPK is both weather (IP 68 rated) and vandal resistant with a cast metal housing and backlit keypad.

FEATURES

- Up to 2,000 users - cards or tags
- Batch card/tag enrollment
- Backlit vandal resistant keypad
- Weather resistant IP68 rated
- Tamper alarm output
- Request to Exit device input
- Wiegand: Reader: 26 bit input/output
Keypad: 8 bit burst
- 3 year warranty

MODEL

| | |
|-----------|---|
| CV-110SPK | Slim line stand-alone prox. reader & keypad, 1 relay, 2,000 users |
|-----------|---|

COMPATIBLE FOBS

| | |
|----------|---|
| CV-CSE | EM Format ISO Prox Card, package of 10 |
| CV-CSE-B | EM Format ISO Prox Card, package of 100 |
| CV-KTE | EM Format Prox Tag, package of 25 |



SPECIFICATIONS

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

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

Camden CV-550SPK stand-alone, HID format prox reader and keypad, supports up to 2000 users with card, PIN, or card and PIN access. It features a cast metal housing and backlit keypad with fully potted electronics, making CV-550SPK both weather (IP 65 rated) and vandal resistant.

FEATURES

- Up to 2,000 users - cards or tags
- Batch card/tag enrollment
- Cast metal, heavy duty construction
- Backlit vandal resistant keypad
- Weather resistant IP65 rated
- 4 to 8 digit PIN code length
- Tamper alarm output
- Request to Exit device input
- Door contact input
- Wiegand 26 bit input/output
- 3 year warranty

MODEL

| | |
|-----------|---|
| CV-550SPK | Stand-alone prox. reader & keypad, 1 relay, 2,000 users |
|-----------|---|

NOTE: Compatible with HID readers and credentials. See page 109 for options



SPECIFICATIONS

| | |
|-----------------|---|
| Voltage: | 12/24VDC, 12/18VAC |
| Reader Format: | HID, 26 and 37 bit |
| Current Draw: | 80mA. |
| Contact Type: | (1) Form 'C' |
| Contact Rating: | 2 Amps |
| Alarm Output: | 20mA |
| Delay Time: | 0 to 99 seconds |
| Alarm Time: | 0 to 3 minutes |
| Wiegand: | 26 bit |
| Temp Range: | -4°F to 140°F (-20°C to 60°C) |
| Dimensions: | 5" H x 3 1/4" W x 1 1/8" D (128mm x 82mm x 28mm) |

CV-601: M-PROX STAND-ALONE SINGLE DOOR ACCESS CONTROL SYSTEM

M-PROX consists of two parts; a vandal and weather resistant mullion mount proximity reader and a small programmer/controller which is installed on the secure side of the facility. The system has a capacity of 999 users. Cards and fobs can be individually or batch enrolled/deleted. All programming is done through the controller and reader - there is no need for computers or software to enroll or delete cardholders.

Additional prox reader may be used for ease of programming, or as an 'Exit' reader on the secured door.



CV-7400



CV-601

FEATURES

- Up to 999 users
- Jamb mount AWID/HID format proximity reader
- 12V AC/DC operation
- Up to 200 feet (70 metres) between reader and controller
- Request to exit input (N/O)
- Form C relay - 5 Amps
- Bi-color LED and sounder
- Door open time: 1-180 seconds or latching
- Presence input (parking, man-trap applications)

CONTROLLER & AWID/HID READER

| | |
|--------|---|
| CV-601 | M-PROX controller with mullion AWID/HID format prox reader, 4-5" read range |
|--------|---|

HID/AWID DUAL FORMAT READER

| | |
|---------|--|
| CV-7400 | AWID/HID compatible prox reader, mullion style, up to 4"-5" read range |
|---------|--|

COMPATIBLE PROX. CARDS & KEY TAGS

| | |
|----------|---|
| CV-CSA | AWID Format Prox. Cards, clam shell style, package of 10 |
| CV-CSA-B | AWID Format Prox. Cards, clam shell style, package of 100 |
| CV-ISA | AWID Format ISO Prox Card, package of 10 |
| CV-ISA-B | AWID Format ISO Prox Card, package of 100 |
| CV-KTA | AWID Format Prox. Key Tag, package of 25 |
| CV-CSH | HID Format Clam Shell Style Card, package of 10 |
| CV-CSH-B | HID Format Clam Shell Style Card, package of 100 |
| CV-ISH | HID format ISO Prox Card, package of 10 |
| CV-ISH-B | HID format ISO Prox Card, package of 100 |
| CV-KTH | HID Format Prox.Tag, package of 25 |

NOTE: All Cards are sold in multiples of 10.

SPECIFICATIONS

- Users: 999 Card or FOB
 Voltage: 12V AC/DC
 Range: Up to 5" (127mm)
 Input: 1 x Data Input with Wiegand Protocol
 Request-to Exit: N/O Momentary
 Output: 1 x Form C (SPDT)
 Contact Rating: 5A@30V DC
 Operation: Timed from 1 - 180 Seconds or Maintained (Latching)
 Programming: 4 Buttons: Yellow, Red, Blue and Green
 3 Digit Display
 Dimensions: **Controller:** 2 3/4" H x 3 1/2" W x 2 1/4" D (70mm x 90mm x 57mm)
CV-7400 Reader: 4 1/2" H x 1 3/4" W x 3/4" D (114mm x 45mm x 19mm)

The Perfect Solution for Small 'Entry Level' Access Control Applications

- ▶ 2,000 users
- ▶ Complete kits include controller, (1) or (2) readers and (5) cards
- ▶ Individual or batch card/tag enrollment
- ▶ Programming via front panel buttons or USB connected computer
- ▶ 26, 34 and 37 bit Wiegand protocol, with site code
- ▶ Latching or timed door open, anti-pass back
- ▶ Software & USB cable included:
 - Day/Week/Holiday scheduling
 - Easily defined access groups
 - 3,800 event audit trail

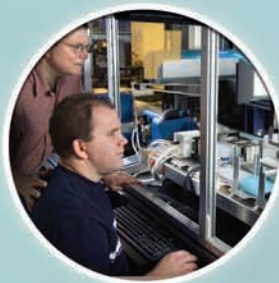
**Economical
2 Door
Access Control
System**



M-PROX2



Daycare



Restricted Areas



Small Commercial
and Warehouses



Professional Offices

CV-602: M-PROX 2 - TWO DOOR PROXIMITY ACCESS CONTROL SYSTEM

CV-602 M-Prox 2 two door proximity access control systems, consist of a small controller (installed on the secure side of the facility) and vandal and weather resistant HID/AWID format mullion mount proximity readers. The system has a capacity of 2,000 users. Cards and FOBs can be individually or batch enrolled/deleted using buttons on the controller, or via a USB connected computer. System software (included) support advanced scheduling and a 3,800 event audit report.



CV-602K2 M-PROX 2 Kit

FEATURES

- Compact controller with LCD display, 4 programming buttons and USB input
- M-Prox 2 kits include controller, 1 or 2 HID/AWID Format prox. readers and 5 cards
- 2000 user codes
- Programming via front panel buttons or USB connected computer
- 26, 34 and 37 bit Wiegand protocol, with site code
- Latching or timed door open, anti-pass back
- Software & USB cable included
- Day/Week/Holiday scheduling
- Easily defined access groups
- 3,800 event audit trail

MODELS

| | |
|----------|--|
| CV-602 | M-Prox 2, two door access control system, controller only |
| CV-602K1 | M-Prox 2 controller c/w mullion reader and (5) AWID prox. cards |
| CV-602K2 | M-Prox 2 controller c/w (2) mullion readers and (5) AWID prox. cards |

COMPATIBLE PROX. CARDS & KEY TAGS

| | |
|----------|---|
| CV-CSA | AWID Format Prox. Cards, clam shell style, package of 10 |
| CV-CSA-B | AWID Format Prox. Cards, clam shell style, package of 100 |
| CV-ISA | AWID Format ISO Prox Card, package of 10 |
| CV-ISA-B | AWID Format ISO Prox Card, package of 100 |
| CV-KTA | AWID Format Prox. Key Tag, package of 25 |
| CV-CSH | HID Format Clam Shell Style Card, package of 10 |
| CV-CSH-B | HID Format Clam Shell Style Card, package of 100 |
| CV-ISH | HID format ISO Prox Card, package of 10 |
| CV-ISH-B | HID format ISO Prox Card, package of 100 |
| CV-KTH | HID Format Prox.Tag, package of 25 |

NOTE: All Cards are sold in multiples of 10.

SPECIFICATIONS

- Users: 2,000 Cards or FOBs
- Voltage: 12/24 V AC/DC
- Current Draw: 100mA Norm
150mA Max
- Input: (2) 26, 34 and 37 bit Wiegand
(1) 'Request to Exit'
- Output: (2) Form 'C' relays
- Contact Rating: 5A @ 30V DC
- Operation: Hard or timed anti-passback
Password protection
- Programming: Via 4 button control panel or USB connected computer
- Scheduling: Daily, weekly and holidays
- Audit
- Transactions: 3,800 events
- Readers: **CV-7400:** HID/AWID dual format, jamb reader with 4" to 5" read range
- Dimensions: **CV-602 Controller:**
4 1/8" H x 3 1/2" W x 2 3/8" D (105mm x 90mm x 60mm)
CV-7400 Reader:
3 1/8" H x 1 5/8" W x 1/2" D (80mm x 41mm x 13mm)

ACCESS CONTROL SYSTEMS

CV-945: STAND-ALONE FINGERPRINT READER

CV-945 is a compact one door stand-alone fingerprint reader featuring a cast aluminum housing, with metallic silver architectural finish. The capacitive reader can store up to 100 fingerprints and no computer is required to enroll or delete users. The unit can be surface mounted, or mounted to a flush single gang electrical box, with color matched plate, supplied.

FEATURES

- Up to 100 fingerprints: 97 users and 3 for programming
- Compact and elegantly designed.
- Available in metallic silver finish
- Vandal resistant cast aluminum housing
- Swipe capacitive sensor
- No software required. Program master, user groups and add/delete users with finger tap/swipes only
- (1) Relay, 1 Amp @ 24V AC/DC
- (1) Rex Input
- 3 color status indications (ready, access granted and access denied)
- Surface mount. Single gang mounting plate also provided.
- Selectable 1 to 60 second or toggle (on/off) timer
- 3 year 'Camden Touch' warranty
- Optional rain cover required for outdoor installations

MODELS

| | |
|-----------|--|
| CV-945-SL | Stand-alone biometric fingerprint reader, metallic silver finish |
|-----------|--|

OPTIONS & FINISHES

| | |
|-----------|--|
| CV-940MCP | Cover for biometric fingerprint reader, required for outdoor installations |
|-----------|--|



CV-945

SPECIFICATIONS

| | |
|-----------------|---|
| Sensor Type: | Capacitive |
| Users: | 97 fingers (Plus 1 master, 2 admin) |
| Mounting: | Surface mount. Single gang mounting plate also provided |
| Voltage: | 9 to 14VDC |
| Input: | (1) REX input |
| Output: | (1) Form 'C' |
| Contact Rating: | 1 Amp @ 24VDC |
| Interface: | RS485 to remote relay (switch) |
| Programming: | With fingers |
| Time Delay: | 1 to 60 seconds Toggle (on/off) |
| Backlight: | On/Off |
| Sounder: | On/Off |
| Current Draw: | 100mA |
| Temp Range: | -4°F to 122°F (-20°C to 50°C) |
| Dimensions: | 3 5/8" H x 2" W x 1" D (92mm x 51mm x 25mm) |

CV-350: TCP/IP ACCESS CONTROL SYSTEM

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

FEATURES

- 2 door controllers with built-in TCP-IP and RS485 or RS485 only communications
- Lockable 2 and 4 door metal enclosures with controller, power supply, battery charger and transformer
- Integrated keypad, prox reader and fingerprint reader support
- Unlimited number of doors, users, access levels and sites
- Fire alarm and Intrusion alarm integration
- Time and attendance
- Graphic site mapping, customized reports and email notification
- Distributed intelligence
- Client-server software. Multiple users can access the system. Dongle required.
- Fully configurable logic of inputs and outputs across network
- 24 time zones, 32 holiday schedules and unlimited number of access levels
- Anti-passback and mantrap access

CONTROL PANEL

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

TWO DOOR SYSTEM KITS

| | |
|-----------|---|
| CV-352-K1 | TCP/IP & RS485 controller, 2 Amp power supply, 40VA transformer, metal cabinet & (2) CV-7400 AWID/HID proximity card readers |
| CV-352-K2 | TCP/IP & RS485 controller, 2 Amp power supply, 40VA transformer, metal cabinet & (2) CV-930-SL AWID/HID proximity card readers |
| CV-352-K3 | TCP/IP & RS485 controller, 2 Amp power supply, 40VA transformer, metal cabinet & (1) CV-940-SL 'Designer Series' biometric fingerprint reader |

FOUR DOOR SYSTEM KITS

| | |
|-----------|--|
| CV-354-K1 | (1) TCP/IP & RS485 controller, (1) RS485 controller, 2 Amp power supply, 40VA transformer, metal cabinet & (4) CV-7400 AWID/HID proximity card readers |
| CV-354-K2 | (1) TCP/IP & RS485 controller, (1) RS485 controller, 2 Amp power supply, 40VA transformer, metal cabinet & (4) CV-930-SL 'Designer Series' AWID/HID proximity card readers |

ACCESSORIES

| | |
|----------|---|
| CV-350DK | USB dongle key for software client server |
| CV-940ER | USB desktop fingerprint enrollment reader |



CV-350

SPECIFICATIONS

| | |
|-------------------------|--|
| Voltage: | 11 to 15 VDC |
| Users: | Up to 15,000 per controller |
| Event Log: | Up to 30,000 per controller |
| Communications: | TCP/IP and RS485 |
| Controllers per System: | Unlimited |
| Relays: | (2) 250VAC, 10A, |
| Reader Inputs: | 2 per controller 26, 34 bit or custom 8 to 128 bit |
| Door Contact | |
| Inputs: | 2 per controller |
| 'Request to Exit' | |
| Inputs: | 2 per controller |
| Programmable | |
| Inputs: | (2) Opto-couplers, 5-30 VDC, 3-28 mA |
| Programmable | |
| Outputs: | (2) 250 VDC, 10A |
| Tamper: | Yes |
| Current Draw: | 300mA, not including devices |
| Temp Range: | 32°F to 113°F (0°C to 45°C) |
| Backup: | 360 day data retention |

BEAUTY, BRAINS & BRAWN



CV-900 'DESIGNER SERIES' WIEGAND DEVICES



CV-920-SL



CV-930-WH*



CV-940-CH



CV-930-20-RD*



CV-940-20-CH



CV-940-30-WH*

CV-900 'Designer Series' Wiegand devices from Camden Door Controls include a complete line of metal backlit keypads, HID format proximity card readers and capacitive biometric fingerprint readers.

Compact, elegantly styled and available in a selection of finishes, 'Designer Series' access control system devices also feature 'all metal' construction, surface and flush mounting and IP-65 weather resistance.



* Red and white finishes are special order. Allow 10 week delivery.

- Single and double gang proximity readers, keypads and capacitive fingerprint readers
- A complete line of metal backlit keypads, HID format proximity card readers and capacitive biometric fingerprint readers
- Elegant design in a selection of finishes (white, red, silver and charcoal)*
- Indoor/outdoor (IP-65), cast metal housing, surface and flush mounting
- Wiegand 26, 30, 34 bit, clock & data output
- Up to 9500 fingerprints stored in reader with free management software
- Tamper alarm output
- 3 year warranty

CV-900 'DESIGNER SERIES': ACCESS CONTROL WIEGAND DEVICES

Camden Doors CV-900 'Designer Series' access control system devices are specifically designed for the architecture and interior design community, with a selection of finishes that will enhance any décor. CV-900 'Designer Series' access control system devices also offer 'all metal' construction and IP-65 rated protection from water and dust. Backed by 3 year replacement warranty.



FEATURES

- A complete line of metal backlit keypads, HID format proximity card readers and capacitive biometric fingerprint readers
- Elegant design to compliment any decor, with a range of anodized architectural finishes (white, metallic silver, charcoal and red)
- Weather resistant IP-65 rating
- Wiegand 26, 30, 34, 37, 40 bit, clock and data output
- Surface mount, with optional single or double gang mounting plate (included)
- Up to 9500 fingerprints stored in reader with free management software
- Tamper alarm output
- 3 year warranty

INDIVIDUAL WIEGAND DEVICES

| | |
|--------|---|
| CV-920 | Back lit Metal Keypad |
| CV-930 | Metal HID Format Proximity Reader |
| CV-940 | Metal Biometric Fingerprint Reader & Software |

DUAL TECHNOLOGY WIEGAND DEVICES

| | |
|-----------|---|
| CV-930-20 | Metal Proximity Reader & Keypad |
| CV-940-20 | Biometric Fingerprint Reader & Keypad |
| CV-940-30 | Biometric Fingerprint Reader & Prox. Reader |

ACCESSORIES

| | |
|-------------|--|
| CV-940-MCP | Biometric Fingerprint Reader Cover, required for outdoor applications |
| CV-940-BMCP | Biometric Fingerprint Reader/Prox or Keypad Cover, required for outdoor applications |
| CV-940-ER | USB Bio Fingerprint Desktop Enrollment Reader |
| CV-940-SER | RS485 to RS232 converter module, for biometric fingerprint reader |
| CV-940-USB | RS485 to USB converter module, for biometric fingerprint reader |
| CV-940-TCP | RS485 to TCP converter module, for biometric fingerprint reader |

OPTIONS: (Add suffix and cost to model above)

'White and Red finish are special order'. Allow 10 week for delivery

ARCHITECTURAL FINISH OPTION (1 Required)

| | |
|-----|--|
| -SL | Add suffix 'SL' to model # for metallic silver finish |
| -WH | Add suffix 'WH' to model # for gloss white finish |
| -CH | Add suffix 'CH' to model # for metallic charcoal gray finish |
| -RD | Add suffix 'RD' to model # for metallic red finish |

SPECIFICATIONS

ALL DEVICES:

Voltage: 12V DC
 Tamper: Yes
 Mounting: Surface or flush
 Output: Wiegand: 26, 30, 34, 40 bit, clock & data
 Temp Range: +5°F to +122°F (-15°C to +50°C)
 Dimensions: **Single:**
 3 5/8" H x 2" W x 1" D (92mm x 51mm x 25mm)
Double:
 4 5/8" H x 4 5/8" W x 1" D (118mm x 118mm x 25mm)

CV-920:

Current Draw: 45mA

CV-930:

Reader Format: HID
 Current Draw: 30mA

CV-940:

Fingerprints Per User: 1 to 10
 Output: Selectable 8 to 128 bit Wiegand
 Current Draw: 100mA



CV-920



CV-930



CV-940



CM-930-20



CV-940-20



CV-940-30

ACCESS CONTROL SYSTEMS

CV SERIES: ACCESS CONTROL SYSTEM READERS

Camden offers an extensive line of access control system readers. All readers are rated for indoor or outdoor use. A selection of HID format, AWID format, and EM format prox cards and tags are also available.

FEATURES

- **HID, AWID and dual format HID/AWID models available**
- **Indoor and outdoor (weather resistant) use**
- **Narrow and single gang models**

HID/AWID DUAL FORMAT READER

| | |
|---------|-------------------------------------|
| CV-7400 | Narrow, compact, 4" - 5" read range |
| CV-7820 | Single gang, 4" - 5" read range |

COMPATIBLE PROX. CARDS & KEY TAGS

| | |
|----------|---|
| CV-CSA | AWID Format Prox. Cards, clam shell style, package of 10 |
| CV-CSA-B | AWID Format Prox. Cards, clam shell style, package of 100 |
| CV-ISA | AWID Format ISO Prox Card, package of 10 |
| CV-ISA-B | AWID Format ISO Prox Card, package of 100 |
| CV-KTA | AWID Format Prox. Key Tag, package of 25 |
| CV-CSH | HID Format Clam Shell Style Card, package of 10 |
| CV-CSH-B | HID Format Clam Shell Style Card, package of 100 |
| CV-ISH | HID format ISO Prox Card, package of 10 |
| CV-ISH-B | HID format ISO Prox Card, package of 100 |
| CV-KTH | HID Format Prox.Tag, package of 25 |

NOTE: All Cards are sold in multiples of 10.



CV-7400



CV-7820



CV-CSH



CV-KTH

CV-634 /626 SERIES: PIEZO SYSTEM KEYPADS AND KEYPAD/READERS

Camden CV-626/CV-634 Series piezoelectric keypads integrate with most access control systems and are designed for the most vandal prone, high traffic or harsh environments.



CV-626SW



CV-634W

FEATURES

- Weatherproof for Outdoor Use
- 5 year warranty
- CV-634 Series read all standard HID card formats
- Unlimited Users
- Keypad Output: 8 bit or 26 bit Wiegand
- 5 - 12V DC
- Surface, Narrow and Single Gang Models

PIEZOELECTRIC KEYPADS

| | |
|----------|--|
| CV-626SW | Jamb width, surface, 8, 26 bit Wiegand output, 12/24 VDC (Special order) |
| CV-634W | Single gang, surface, 8, 26 bit Wiegand, 12/24 VDC |

SPECIFICATIONS

- Voltage: 12/24 VDC
- Current Draw: 150mA
- Keypad Output: 8, 26 programmable with site code
- Tx/Rx Frequency: 125 KHz
- Temp Range: -4°F to +158°F (-20°C to +75°C)
- Protection: IP68: 100% Relative Humidity
- Dimensions:
 - CV-626SW:**
7 1/8" H x 1 1/2" W x 3/4" D (181mm x 38mm x 19mm)
 - CV-634W:**
3 1/8" H x 1 3/4" W x 3/4" D (80mm x 45mm x 19mm)

CV-710SL: SURFACE MOUNT METAL WIEGAND KEYPAD

CV-710SL surface mount backlit Wiegand keypads are constructed to provide exceptional performance in high traffic/demanding applications, and support an unlimited number of users. Metal keys, faceplate and cast aluminum box are designed to withstand heavy traffic and vandalism. IP-65 rated dust and water resistance enable the keypad to be mounted outdoors. CV-710SL surface mount Wiegand keypads support selectable PIN code length and facility codes. A tamper switch alarm output is provided. There is a wide range of field selectable Wiegand outputs, providing compatibility with virtually any access control system.



FEATURES

- Surface mount backlit metal keypad
- Vandal resistant Metal keys, faceplate and cast aluminum surface box.
- Weather resistant IP-65 rated.
- Selectable Wiegand 26, 30, 34 and 40 bit or clock & data output.
- Selectable PIN code length
- Tamper alarm output
- Audible and visual feedback
- 3 year warranty

MODEL

| | |
|----------|---|
| CV-710SL | Backlit Wiegand keypad, Silver c/w with Metal Keys, Faceplate & Box |
|----------|---|

SPECIFICATIONS

- Voltage: 12 VDC
- Current Draw: 30mA
- Output: Wiegand 26, 30, 34 and 40 bit or clock & data
- Back Lighting: Selectable 'on', 'off'
- Visual Indicators: Red, Green and Orange LEDs
- Audible Alert: Internal Buzzer
- Temp Range: -4°F to 122°F (-20°C to 70°C)
- Protection: IP-65
- Dimensions: 4 3/4" H x 3 1/2" W x 1 9/16" D (120mm x 90mm x 40mm)

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TERMS AND CONDITIONS

SHIPPING: All goods are shipped F.O.B. factory. Deliveries are made via UPS or Fed Ex ground service, unless otherwise specified by customer. Customer must make any claims for damage in transit or missing boxes directly with the Transport Company. Claims for packaging and/or ordering errors should be made directly to Camden within ten days of receipt of merchandise.

ORDER: Camden does not have a minimum order policy.

HANDLING FEE: Orders less than \$50. are subject to a \$25. handling fee, at the discretion of Camden Door Controls. If applicable, Camden will notify the customer prior to processing of order.

PAYMENT TERMS: Net 30 days.

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 p, to be issued by Camden customer service.

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. Camden will replace every push/exit switch found to have a manufacturer defect with 2 equal or equivalent replacement units. This warranty does not apply to custom or 'built to order' push/exit switches. This warranty does not apply to removal or installation costs. Camden will not be liable to the purchaser, the customer or any other party for incidental or consequential damages arising from any defect in, or improper case, storage, handling, abuse, misuse or any act of God. Except as stated above, Camden makes no warranties, either expressed or implied, as to any other matter whatsoever.

RETURN MATERIAL AUTHORIZATION (RMA)

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

Customers may obtain an RMA by contacting our customer service department by phone 1 877 226-3369, by fax 1 888 436-8739, or by email: csr@camdencontrols.com.

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

SHIPPING/RECEIVING

All returned products must be shipped to us prepaid. Our shipping locations are:

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

U.S.:
FB Logistics Inc.
4450 Witmer Industrial States #4 Niagara Fall, NY, 14305 USA

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

REPAIR/REPLACEMENT/CREDIT

Camden will inspect and test returned product within 30 days. Upon our determination of a manufacturing defect, Camden will repair or replace the product, or issue a credit, at our discretion.

In addition to the single product warranty replacement, to the distributor, Camden will also return a second free warranty replacement of any Camden switch, directly to the installation company.

Products returned under an RMA that are found to be fully operational are subject to a 10% restocking charge, at our discretion. Product 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.

EFFECTIVE: January 1, 2017