Electrified Locks, Relays and Timers

**CX-12 PLUS**
Door Interface Relay

**INSTALLATION INSTRUCTIONS**

1. **GENERAL DESCRIPTION**

Camden CX-12 PLUS Door Interface Relay provides all the functionality of the CX-12 and the CX-22 combined into 1 package. In addition, a new Ratchet Relay mode is provided, making the CX-12 PLUS one of Camden's most versatile door control relays available.

Used as a make/break relay (or Switching Network), it eliminates the binding of locked automatic doors, by delaying the door operator until the strike or maglock de-activates first.

2. **SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Input Voltage</th>
<th>Contact Rating</th>
<th>Current Draw</th>
<th>Response Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>12/24V AC/DC</td>
<td>3 Amps @ 30 VDC</td>
<td>20 mA Idle</td>
<td>0.3 Seconds</td>
</tr>
<tr>
<td></td>
<td></td>
<td>60 mA Operating</td>
<td></td>
</tr>
<tr>
<td>Inputs</td>
<td></td>
<td></td>
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<tr>
<td>2 Wet &amp; 2 Dry, N.O.</td>
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<tr>
<td>(3-30V AC/DC, Optically isolated, non-polarity sensitive)</td>
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</tr>
<tr>
<td>Electrical Life</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>100,000 @ Rated Capacity</td>
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<td></td>
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<tr>
<td>Time Delay</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>D.O.R #1: 1-30 Seconds</td>
<td></td>
<td>2 x Form C (SPDT)</td>
<td></td>
</tr>
<tr>
<td>D.O.0 #2: 1-30 Seconds</td>
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<td></td>
<td></td>
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<tr>
<td>D.O.R #3: 1-30 Seconds</td>
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<tr>
<td>Dimension</td>
<td></td>
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</tr>
<tr>
<td>3-1/4&quot; W x 2-5/16&quot; H x 11/16&quot; D</td>
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<tr>
<td>(83mm x 59mm x 18mm)</td>
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3. **OPERATION**

There are 8 modes of operation, selectable by DIP switches:

<table>
<thead>
<tr>
<th>DIP SWITCH</th>
<th>MODE</th>
<th>DESCRIPTION</th>
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<tbody>
<tr>
<td>SW1</td>
<td>SW2</td>
<td>SW3</td>
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<tr>
<td>OFF</td>
<td>OFF</td>
<td>ON</td>
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<tr>
<td>ON</td>
<td>OFF</td>
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<tr>
<td>ON</td>
<td>ON</td>
<td>OFF</td>
</tr>
</tbody>
</table>
Momentary Operation
In the Momentary position, even a stuck switch input will allow the door to time out and close, thereby providing security to occupants. The CX-12 PLUS will however, still operate normally if one of the other inputs is activated. Essentially, it ignores the faulty activation source, as all inputs are isolated.

The inputs to the CX-12 PLUS may be either dry or wet (powered), meaning that 3-terminal radio receivers may be connected directly to the CX-12 PLUS without fear of malfunction. See Diagram 1.

Additionally, we provide a direct connection from an apartment interphone panel. Only Relay #1 (strike) will operate when a voltage is applied to this input. A vestibule courtesy switch will be energized for the time set by Pot. 1. See Diagram 2b or 2c.

Maintained Operation
Select Relay 1 Maintained for an Access Control application. When a maintained signal is applied to WET 1 input, the lock will remain energized, while the DRY 2 input allows a wall switch to open the door.

An input on DRY 1 will always unlock and open the door. See Diagram 2a.

Select Relay 2 Maintained if you are connecting the CX-12 PLUS to a fire alarm panel, or to a presence sensor.

In this mode the lock will fire momentarily but the operator relay will be held in as long as the input is maintained. See Diagram 3.

Latching/Ratchet Operation
In this mode the CX-12 PLUS will latch Relay2 with a momentary activation on Dry/Wet1. Relay2 is released when Dry/Wet1 are activated a second time. If Dry/Wet2 are activated, Relay1 and Relay2 are latched until Dry/Wet2 are activated again.

Washroom Door Controller
In this mode, complete control of a single occupant barrier-free washroom is obtained. It allows the user lock and secure the door from the inside by depressing a Push-to-Lock button. The exterior wall switch is removed electronically from the circuit.

To exit the washroom, simply exit manually via the lever-handle set (the Door Contact Switch resets the relay), or, press the interior switch to unlock and activate the door operator. The door remains unlocked upon closure.

Another feature is the ability to use the CX-12 PLUS on “Normally Secure” washrooms. In this mode, the door is usually locked. To gain access, the user must first swipe a card, or enter a code into the Access System (i.e. Keypad), which then signals the CX-12 PLUS to unlock and open the door. Once inside, the occupant presses the Push-to-Lock button, which removes the exterior wall switch from the circuit.

Exiting may be accomplished manually via the lever-handle set (the Door Contact Switch resets the relay), or, by pressing the interior switch to unlock and activate the door operator. The door will re-lock upon closure.

Note: We highly recommend the use of a regulated power supply when powering strikes for barrier-free washroom applications where the strike power may be maintained from a few minutes to many hours.

We offer a low-cost board-only regulated power supply - CX-PS13 V3, which can be powered from a small 24VAC transformer, (or the auxiliary power on the door control) and will supply clean, filtered & regulated 24VDC power for the strike.

Bi-Directional Door Sequencer
In this mode, the relay will sequence two Automatic doors, in both directions. Upon a switch closure from one side, a signal is sent to the first door (relay 1), then after an adjustable delay, the second door (relay 2) receives a signal. When a switch closure is made from the opposite side, the sequence is reversed – Relay 2 is activated, then after the adjustable delay, relay 1 activates.

When used as a door sequencer the user can select either momentary position for the inputs, or maintained position.

In the momentary position, even a stuck switch input will allow the door to time out and close, thereby providing security to the occupants.

The CX-12 PLUS will however, still operated normally if one of the other inputs is activated. Essentially, it ignores the faulty activation source, as all the inputs are isolated. In the maintained position, a switch that is held on will cause its respective relay (operator) to be held on. So switch #1 would hold in relay #1, and switch #2 would hold in relay #2.

If an emergency (or anti-entrapment) switch is desired in the vestibule, then wire that switch directly to one of the operator inputs. Usually the exterior door is used in this case.

IMPORTANT: Do not apply power until you have read the instructions fully and made the required adjustments.

4. INSTALLATION

Mounting
The LED’s are visible through the wrap-around sleeve, which also has cutouts for adjusting the potentiometers, and setting the dip switch. Once the unit has been adjusted, it may be tucked up into the operator header or affixed using the supplied Velcro.

Wiring
Wiring of this unit is dependent on the mode desired, however the following commonalities apply.
Note: Do not wire Safety devices to the CX-12. If installed, wire your safety device directly to the operator control box as per usual.

IMPORTANT: Do not apply power to the unit until all secondary wiring is complete, and dip switches have been set.

Both relay outputs are Form C and are rated at 3 amps maximum. Use relay # 1 for the strike or electromagnet. Generally, the N.O. & COM. Terminals (#3 & 4) are used for a strike, and COM & N.C. (#4 & 5) are used with an electromagnet. The door operator will be wired to relay #2 N.O. & COM terminals (#6 & 7). In a door sequencing application, door 1 is relay #1, and door 2 is relay #2. The unit will operate on 12 or 24 volts, AC or DC. Connect to Terminals 1 & 2, which are non-polarity sensitive.

4. APPLICATIONS & SET-UP INSTRUCTIONS

Standard Timer Mode (Mode 1)

Set dip switches as shown. Also refer to Diagram 1.

Connect a dry contact such as a wall switch to DRY1 (Terminals 11 & 12). A Wet (powered) output connects to WET 2 (Terminals 13 & 14). Upon a switch activation the strike relay will fire for the time set by potentiometer 1 (DOR RL1). After a delay, adjustable by potentiometer 2 (DOO RL2), the operator relay will fire. The hold time for relay #2 is set with potentiometer 2 (DOR RL2).

Most modern door operators have built-in time delays, and if so, it is usually desirable to use them to add sufficient hold-open time. In this case adjust the CX-12 PLUS to send just a momentary pulse (1 or 2 seconds only). Observe the door and adjust timers until desired operation is observed.

The above dip switch setting is also used for applications such as apartment entries with an interphone panel. Refer to Diagrams 2b & 2c. In each case the interphone input (WET 1) will activate the strike relay only. If a courtesy switch is located in the vestibule, it is connected to DRY 2 (Terminals 15 & 16).

This input is only active when the strike relay is energized. Another application using this mode is door sequencing in one direction only. Connect Door 1 operator to relay 1, and door 2 operator to relay 2. The delay between the two doors is adjusted via the DOO RL2 potentiometer. For bi-directional sequencing refer to specific set-up instructions below.

Access Control Mode (Mode 2)

Set dip switches as shown. Also refer to Diagram 2a.

Typically the access panel (or time clock) will be Wet (powered) therefore connect to WET 1 (Terminals 9 & 10).

The exterior activating switch is wired to DRY 2 (Terminals 15 & 16). This input signals the door operator (Relay 2), and is only active when the strike relay is energized.

An interior switch may be connected to DRY 1 (Terminals 11 & 12). This input will always unlock and open the door when activated. (Regardless of the status of input connected to WET 1). If the interior switch is Wet (powered) connect to WET 2 (Terminals 13 & 14).

Smoke Evac. Mode (Mode 3)

Set dip switches as shown. Also refer to Diagram 3.

Suitable for connection to a Fire Alarm Panel, this mode will fire the electric lock momentarily, then hold in the operator relay until the input is released.

Connect the Wet (powered) output of the Fire panel to WET 2 (Terminals 13 & 14). A device with a dry output such as a Presence sensor will connect to DRY 1 (Terminals 13 & 14).

Latching/Rachet Mode (Mode 4)

Set dip switches as shown. Also refer to Diagram 4a & 4b.

Latching - Upon receipt of a signal (or contact closure) on WET1 or DRY1, RELAY1 will activate for an adjustable time. Then after an adjustable time, RELAY2 will activate. RELAY2 will stay held until a second contact closure contact closure on DRY/WET1.

Ratchet - Upon receipt of a signal (or contact closure) on WET2 or DRY2, RELAY1 will activate and stay latched. Then after an adjustable time, RELAY2 will activate and stay latched. A second activation of WET/DRY2 will release both relays.

Bi-Directional Sequencing Mode

Mode 5: Momentary
Mode 6: Maintained

Set dip switches as shown. Also refer to Diagram 4.

Turn on power and activate the Interior input (switch). Observe LED1, which should light immediately. The length of hold time is determined by adjusting the pot marked DOR/RL1, clockwise for more time, counter clockwise for less time. The delay between the two doors is adjusted via the DOO RL2 potentiometer. After the above-mentioned delay, LED2 should light. The length of hold time is adjusted by the pot marked DOR/RL2.

The ideal time delay between the two doors is best set by actual walk-testing. It should be set so that a person can walk in either direction without having to pause before the second door activates. Test in both directions.

If an emergency (or anti-entrapment) switch is desired in the vestibule, then wire that switch directly to one of the operator inputs. Usually the exterior door is used in this case. Once the desired operation is achieved, proceed to Section 4, for System Inspection Instructions.
Washroom Door Controller

For Normally Unlocked Door set dip switches as shown.  
Also refer to Diagram 6.

For Normally Locked Door set dip switches as shown.  
Also refer to Diagram 7.

Connect the inputs from the various switches according to the appropriate diagram. Please note that the Magnetic contact switch should be a Normally Closed switch (contacts closed when door is closed (at rest), and contacts open when the door opens).

The “Push to Lock” switch should be a normally-open momentary switch. The door lock is connected to Relay 1 (Terminals 3 & 4, or 4 & 5). Both fail safe, and fail secure locks may be used with the CX-22 controller.

The Automatic Door Operator is typically connected to Relay 2 (N.O. Terminals 6 & 7). The unit will operate on 12 or 24 volts, AC or DC. Connect to Terminals 1 & 2, (they are non-polarity sensitive).

Set up

Apply power to the CX-12 PLUS and observe the LED's.  
Pot DOR/RL1 adjusts the Lock release time (up to 30 seconds). The Pot marked DOO/RL2 adjusts the delay before the Door operator relay fires, and the Operator hold time is adjusted with Pot DOR/RL2.

Normally Unlocked Mode (Mode 7):

Press the exterior wall switch. If the washroom is unoccupied the door will open automatically. After entering the washroom, wait for the door to close, then push the “Lock” button.

The CX-12 PLUS will energize the lock, and remove the outside wall switch from the circuit.

To exit the washroom, two options are available:
1. To have the door unlock and open automatically, push the interior wall switch. This also resets the relay for the next person to use.
2. Manual use. The door may also be used manually. To exit the washroom, turn the lever handle and pull (push) the door open. The magnet switch resets the relay for the next person to use. If a CM-9600 switch is used with this system, you can connect the LED's using a CM-9600C harness. Wire as per Diagram 6.

If using an “OCCUPIED WHEN LIT” sign, such as our CM-AF500, wire as per Diagram 6.

Normally Locked Mode (Mode 8):

In this situation the door is always locked from the exterior. Enter code or swipe card. The door unlocks and after the adjustable delay, opens the door. After entering the washroom, wait for the door to close, then push the “Lock” button. You will hear a brief double click of the strike indicating the door is now locked, and the outside access control device is removed from the circuit.

To exit the washroom, two options are available:
3. To have the door unlock and open automatically, push the interior wall switch. This also resets the relay for the next person to use.
4. Manual use. The door may also be used manually. To exit the washroom, turn the lever handle and pull (push) the door open. The magnet switch resets the relay for the next person to use. Once the desired operation is achieved, proceed to Section 4, for System Inspection Instructions.

5. SYSTEM INSPECTION INSTRUCTIONS

After the Installation and operational check of the system:
1. Place warning label on the door (as per ANSI A156.10 or A156.19 guidelines). This will advise the person entering the swing side zone that the door will move.
2. Instruct the owner on door system operation and how to test it. This should be checked on a daily basis.
3. Instruct the owner on what to do if the door or any of its components become damaged.
4. Strongly recommend to the owner that the complete entry be inspected twice a year as part of the service agreement.
CX-12 Electrical and Mechanical

<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Power Input</td>
<td>12/24V AC/DC Non-Polarized</td>
</tr>
<tr>
<td>2</td>
<td>Power Input</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Relay 1 - NO</td>
<td>FORM C</td>
</tr>
<tr>
<td>4</td>
<td>Relay 1 - COM</td>
<td>FORM C</td>
</tr>
<tr>
<td>5</td>
<td>Relay 1 - NC</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Relay 2 - NO</td>
<td>FORM C</td>
</tr>
<tr>
<td>7</td>
<td>Relay 2 - COM</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Relay 2 - NC</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Wet1 Input</td>
<td>Powered Input 1</td>
</tr>
<tr>
<td>10</td>
<td>Wet1 Input</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Dry1 Input</td>
<td>Non-Powered Input 1</td>
</tr>
<tr>
<td>12</td>
<td>Dry1 Input</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>Wet2 Input</td>
<td>Powered Input 2</td>
</tr>
<tr>
<td>14</td>
<td>Wet2 Input</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>Dry2 Input</td>
<td>Non-Powered Input 2</td>
</tr>
<tr>
<td>16</td>
<td>Dry2 Input</td>
<td></td>
</tr>
</tbody>
</table>
CX-12 PLUS DOOR INTERFACE RELAY
INSTALLATION INSTRUCTIONS

CX-12 PLUS

12/24 V AC/DC Power

Electric Strike

Wet Input (ie. Radio Receiver)

Dry Input (ie. Push Switch)

Wet Input

Radio Receiver

3-Term

Power for Strike

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

RELAY 1

RELAY 2

POWER

COM

DRY 1

DRY 2

WET 1

WET 2

OFF / ON

CAMDEN DOOR CONTROLS
5502 Timberlea Blvd.
Mississauga, Ontario
L4W 2T7

SCALE: NONE
DRAWN BY: DGW
DATE: 11/16/09
REVISED: 1/28/2020

CX-12PLUS Application Diagram (typical Momentary Operation)

DRAWDING No: DRG-CX-12PLUS-01
FILENAME: CX-12PLUS-Diagram1.ai
CX-12 PLUS INSTALLATION INSTRUCTIONS

1. **12/24 V AC/DC Power**
   - Connect to the CX-12 PLUS power input.

2. **Electric Strike** (If Mag lock used, wire to Terminals 4 & 5)
   - Connect to the strike or magnet.

3. **Wire MOV (supplied) directly to strike or magnet**
   - MOV is connected to the strike.

4. **Exterior Switch** (in circuit only while Lock Relay is active)
   - Connect to the exterior switch.

5. **Interior Switch** (always unlocks and opens door)
   - Connect to the interior switch.

6. **Access Control / Time Clock** (sends a powered & maintained signal to keep door unlocked for desired time)
   - Connect to the access control/time clock.

7. **Power for Strike**
   - Connect to the power for strike input.

CAMDEN DOOR CONTROLS

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L4W 2T7

SCALE: NONE
DRAWN BY: DGW
DATE: 11/16/09
REVISED: 1/28/2020

CX-12PLUS Application Diagram (with Maintained Lock Output)

DRAWING No: DRG-CX-12PLUS-02
FILENAME: CX-12PLUS-Diagram2a.ai
**Cx-12 Plus Door Interface Relay**

**Installation Instructions**

**Filename:** CX-12PLUS-Diagram2b.ai

**Drawing No:** DRG-CX-12PLUS-02b

**File Name:** CX-12PLUS-Diagram2b.ai

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**cx-12plus application diagram for apartment (typical)**

**Optional Vestibule Mounted Convenience Switch**
(Only active when Lock Relay energized. Switch opens door)

**Interior Switch**
(Unlocks and opens door)

**12/24 V AC/DC Power**

**Electric Strike**
(If Mag lock used, wire to Terminals 4 & 5)

**Wire MOV (supplied) directly to strike or magnet**

**Power for Strike**

**Apartment Interphone Panel**
(Powered signal Unlocks door only)

**Camden Door Controls**

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Mississauga, Ontario
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**Scale:** None  **Drawn By:** DGW  **Date:** 11/16/09  **Revised:** 1/28/2020

**CX-12PLUS Application Diagram for Apartment (typical)**
**Note:** Use this diagram in case the Interphone outputs a dry contact instead of a powered signal.

<table>
<thead>
<tr>
<th>Relay 1</th>
<th>Relay 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>POWER</td>
<td>POWER</td>
</tr>
<tr>
<td>1</td>
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<tr>
<td>2</td>
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<td>15</td>
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<td>16</td>
<td>16</td>
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</tbody>
</table>

12/24 V AC/DC Power

Electric Strike (If Mag lock used, wire to Terminals 4 & 5)

12/24 V AC/DC Power

Wire MOV (supplied) directly to strike or magnet

**Vestibule Keyswitch** (Optional)

Interior Switch (Unlocks and opens door)

Door Operator

Optional Vestibule Mounted Convenience Switch (Only active when Lock Relay energized. Switch opens door)

CAMDEN DOOR CONTROLS
5502 Timberlea Blvd.
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L4W 2T7

SCALE: NONE
DRAWN BY: DGW
DATE: 11/16/09
REVISED: 1/28/2020

**CX-12PLUS Application Diagram for Apartment (w/Vestibule Keyswitch)**

DRAWING No: DRG-CX-12PLUS-02c
FILENAME: CX-12PLUS-Diagram2c.ai
**CX-12 PLUS DOOR INTERFACE RELAY**

**INSTALLATION INSTRUCTIONS**

**FILENAME:** CX-12PLUS-Diagram3.ai

**DRAWING No:** DRG-CX-12PLUS-03

**FILENAME:** CX-12PLUS-Diagram3.ai

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**CX-12 PLUS Application Diagram (with Maintained Operator output)**

- **12/24 V AC/DC Power**
- **Presence Sensor** (Dry contact output)
- **Fire Alarm Panel** (Shown with maintained & powered signal-wet)
- **Electric Strike** (If Mag lock used, wire to Terminals 4 & 5)
- **MOV**
- **Power for Strike**
- **Door Operator**
- **CAMDEN DOOR CONTROLS**
  5502 Timberlea Blvd.
  Mississauga, Ontario
  L4W 2T7

**SCALE:** NONE  **DRAWN BY:** DGW  **DATE:** 11/16/09  **REVISED:** 1/28/2020

**CAMDEN DOOR CONTROLS**

**CX-12PLUS Application Diagram (with Maintained Operator output)**

**DRAWING No:** DRG-CX-12PLUS-03  **FILENAME:** CX-12PLUS-Diagram3.ai
CX-12 PLUS DOOR INTERFACE RELAY
INSTALLATION INSTRUCTIONS

FILE NAME: CX-12PLUS-Diagram4a.ai
DRAWING No: DRG-CX-12PLUS-04a
DATE: 11/16/09
REVISION: 1/28/2020

5502 Timberlea Blvd,
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502 Timberlea Blvd,
Mississauga, Ontario
L4W 2T7

Electrical Strike

Dry Input
(i.e. Push Switch)

Wet Input
(i.e. Radio Receiver)

Wire MOV
(supplied)
directly to strike
or magnet

Power
for Strike

12/24 V
AC/DC Power

DX-12 PLUS
CAMDEN DOOR CONTROLS
Door Operator

Radio Receiver
3-Term.

24V
Com
Radio

CN

COM

NO

NL

NC

REL 1

REL 2

DOOR

OFF/ON

1

2

3

+/

-
CX-12 PLUS DOOR INTERFACE RELAY
INSTALLATION INSTRUCTIONS

FILENAME: CX-12PLUS- Diagram4b.ai
DRAWING No: DRG-CX-12PLUS-04b
FILENAME: CX-12PLUS-Diagram4b.ai
Note: Momentary Bi-Directional Sequencer Mode shown. For Maintained Bi-Directional Mode, set the DIP switches as follows:

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<p>| | | | | | | | | |</p>
<table>
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</table>
```

12/24 V AC/DC Power

Door #1 Operator

Wet Output (ie. RF receiver optional)

Door #1 Push Switch

CX-12 PLUS

Relay1

Relay2

POWER

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

DRY1

DRY2

WET1

WET2

OFF/ON

RL1

RL2

DOR

DOR

Note: Momentary Bi-Directional Sequencer Mode shown. For Maintained Bi-Directional Mode, set the DIP switches as follows:

```
<p>| | | | | | | | | |</p>
<table>
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<tbody>
<tr>
<td>1</td>
<td>ON</td>
<td></td>
<td></td>
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<td></td>
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<tr>
<td>2</td>
<td></td>
<td>ON</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td></td>
<td></td>
<td>ON</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>
```
Note: Optional annunciators may be used to indicate the door status.
A. CM-9600 piezo switch uses optional harness for remote LED control
B. CM-AF500 LED annunciator

Harness plugs into CM-9600 Circuit board

CAMDEN DOOR CONTROLS
5502 Timberlea Blvd.
Mississauga, Ontario
L4W 2T7

CX-12PLUS Normally Unlocked Washroom Door Wiring Diagram

CX-12 PLUS DOOR INTERFACE RELAY
INSTALLATION INSTRUCTIONS

Outside Wall Switch

Inside Wall Switch

Inside 'Push to Lock' Switch

Power for Strike

Harness plugs into CM-9600

Option Announcer Options

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CX-12PLUS Normally Unlocked Washroom Door Wiring Diagram

DRAWING No: DRG-CX-12PLUS-06  FILENAME: CX-12PLUS-Diagram6.ai
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CX-12PLUS Normally Locked Washroom Door Wiring Diagram

12/24 V AC/DC Power

Fail-Secure Electric Strike
(If Fail-Safe lock is used, wire to Terminals 4 & 5)

Wire MOV (supplied) directly to strike or magnet

Outside Wall Switch

Inside Wall Switch

Magnetic Contact Switch

Inside 'Push to Lock' Switch

Power for Strike

Power for Strike

CX-12 PLUS

CAMDEN DOOR CONTROLS

Scale: None
Drawn by: DGW
Date: 11/16/09
Revised: 1/28/2020