

Electrified Locks, Relays and Timers

CX-ED1309 Series

Electric Strike

INSTALLATION INSTRUCTIONS

THIS PACKAGE INCLUDES:

- | | |
|--------------------------------|---------------------------------|
| 1- 4 PIN power connector (12V) | 2- #10 x 1-1/4" wood screws |
| 1- 4 PIN power connector (24V) | 4- #10-24 x 1/2" machine screws |
| 1 - CM-ESF2 Faceplate | 2- Mounting brackets |
| 1 - CM-ESFB2 Faceplate | 1- Varistor |
| 4- Wire nuts | 1- Dress Plate |



SECURITY
 UL 1034
UL 294
LISTED

BHMA
CERTIFIED

1. GENERAL DESCRIPTION

Camden CX-ED1309 Series Grade 1 ANSI strikes for cylindrical locksets offer the very best strike quality and performance. The 'Universal' strike design delivers unparalleled application flexibility, with field selectable voltage, fail safe/fail secure operation for use in aluminum jambs and stiles.

2. SPECIFICATIONS

Voltage	12/24V AC/DC
Current Draw	260mA@12V DC 150mA@24V DC
Static Strength	1,500 lbs.
Dynamic Strength	70 ft-lbs.
Endurance	1,000,000 Cycles (Factory Tested) 500,000 Cycles (UL Verified)
Latch Projection	1/2" - 5/8" (12.5mm - 16mm)
Mode	Field Selectable Fail Safe/Fail Secure
Operation	AC-Buzz, DC-Silent
Duty	Continuous
Dimensions (Body)	4-7/8" H x 1-11/16" W x 1-5/8" D (124mm x 43mm x 42mm)
Approvals	UL Listing #BP10200 for UL 1034 & UL 294 BHMA Certified ANSI A156.31

UL 294 Performance Levels

- Line Security = Level I
- Attack Level = Level I
- Endurance Level = Level IV
- Standby Power = Level I

3. DIMENSIONS

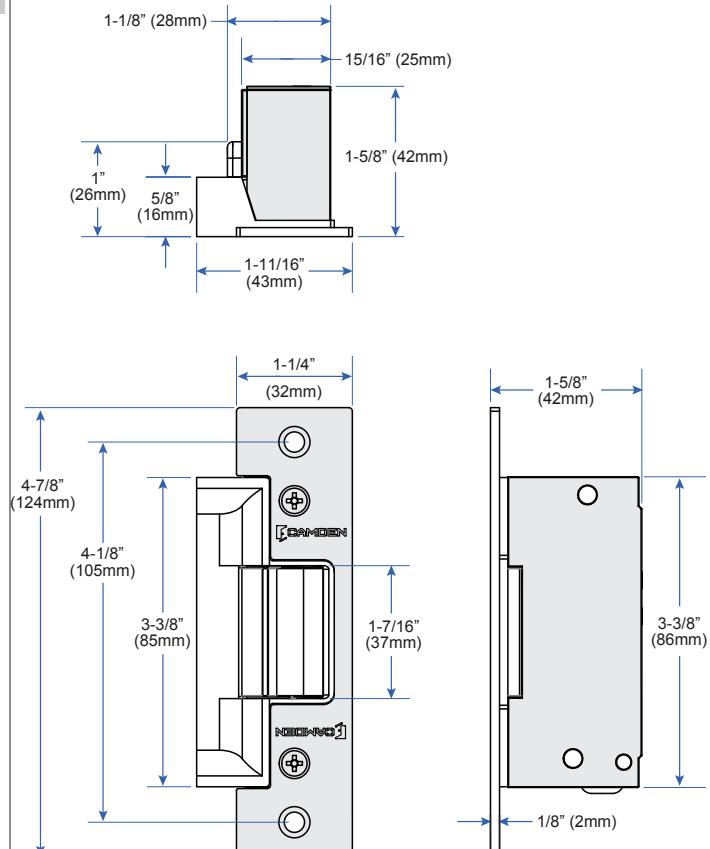


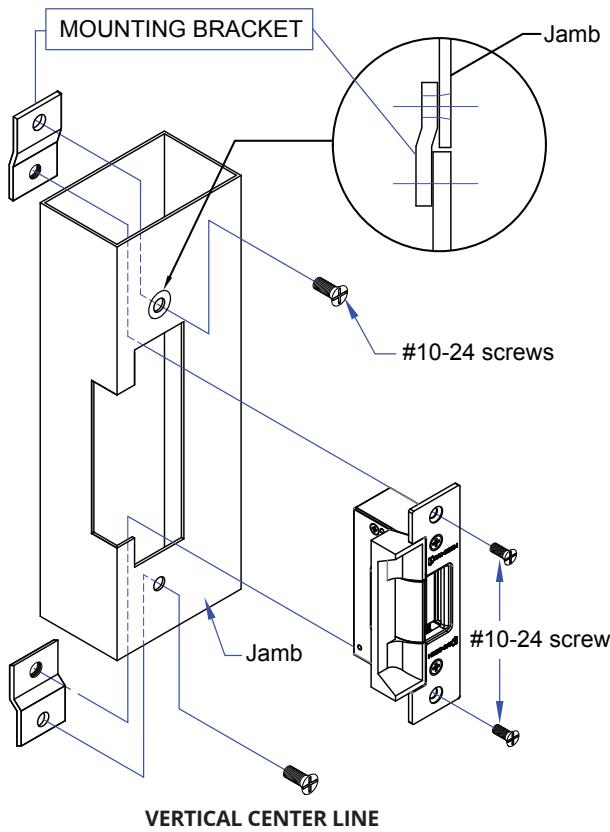
Figure 3.1 Dimensions

CX-ED1309 Series Electric Strike

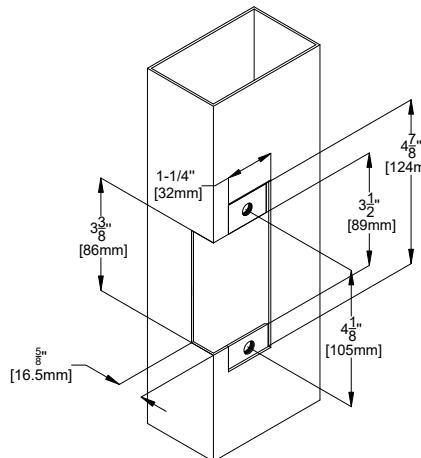
INSTALLATION INSTRUCTIONS

4. INSTALLATION

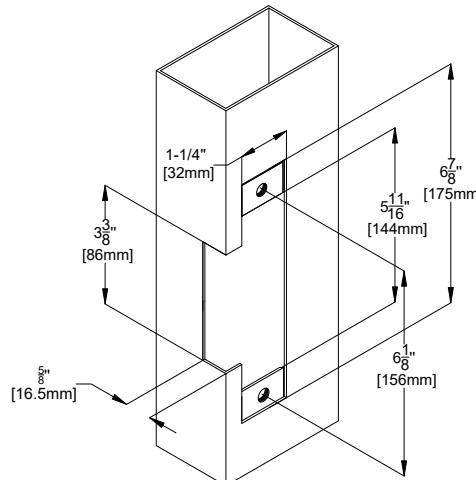
1. Prepare the door jamb as per the appropriate drawing.
2. Install mounting brackets to jamb using #10-24 screws and pressed metal nuts. Do not tighten.
3. Connect wires coming from the low voltage side of the transformer to wire (black) from strike.
4. Install electric strike jamb by attaching #10-24 screws and lockwashers.
5. Secure #10-24 screws holding mounting brackets to jamb.



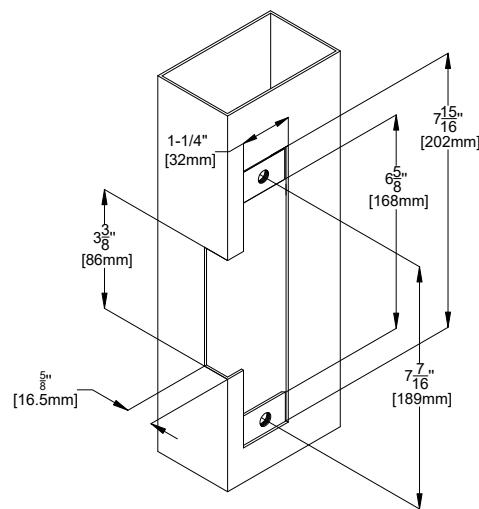
CX-ESF-1 - ANSI SQUARE



CX-ESF-3 - HOLLOW METAL DOOR



CX-ESF-4 - WOOD DOOR



Note: The products are intended to be installed in accordance with the installation wiring diagram, mechanical assembly drawings provided with each product, the local authority having jurisdiction (AHJ) and the electric code, NFPA 70. When installed in fail secure mode, the local authority shall be consulted with the regards to the use of possible panic hardware to allow emergency exit from the secure area.

The electric door strike shall be installed in such a way and in such a location so as to not impair the operation of an emergency exit device or panic hardware mounted on the door.

5. CONNECTIONS

POWER

12V AC/DC

Red/Black: +12V
Blue/Green: Ground

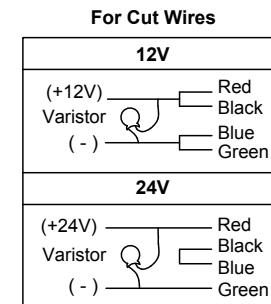
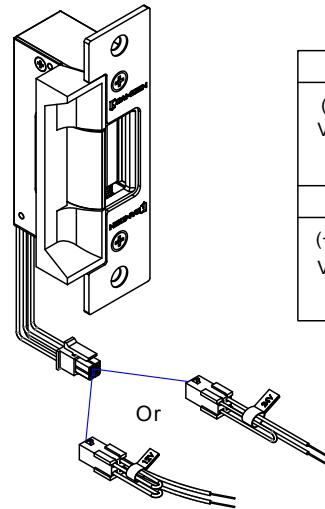
24V AC/DC

Red: +24V
Black/Blue: -
Green: Ground

A varistor is provided to protect strike from spikes.

Connect varistor between input wires.

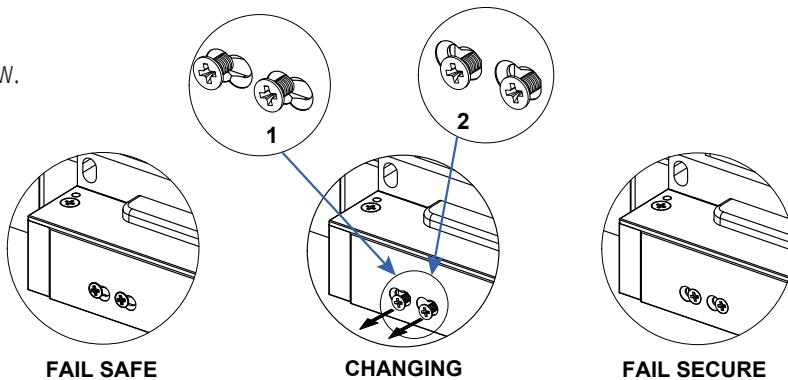
Note: For UL 294 / UL 1034 compliance, the door strikes are to be powered via a UL 294/ UL 603 class 2 power limited output from a control panel and or power supply. Furthermore, when powered by AC/DC, the units shall use a UL regulated UL 294/ UL 603 power limited class 2 output rated 12/24V with AC on indicator.



6. OPERATION

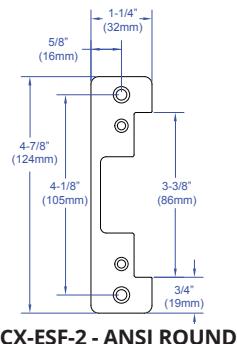
How to modify fail-safe to fail-secure or vice versa.

1. Loosen the screws as per the product diagram below.
2. Slide internal mechanism to the right.
3. Tighten the screws.

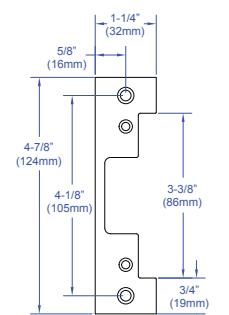


7. FACEPLATES

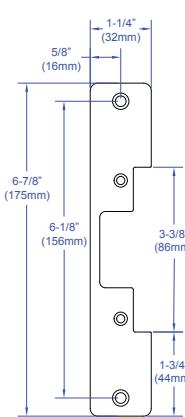
INCLUDES



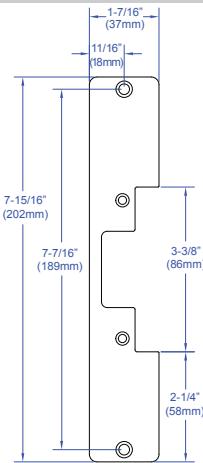
OPTIONAL FACEPLATES



CX-ESF-1 - ANSI SQUARE



CX-ESF-3 - HOLLOW METAL DOOR



CX-ESF-4 - WOOD DOOR