CAMDEN DOOR CONTROLS

eXACT

CX-ED2079-1
'ANSI' Electric Strike
Installation Instructions

SECURITY UL LISTED UL 1034 UL 294

This Package Includes:

- 1- 4 PIN power connector
- 1- ESP1B faceplate
- 4- Wire nuts
- 5- M5 x 12mm screws
- 2- #10 x 1 1/4" wood screws
- 2- #10-32 x 1/2" screws
- 2- Mounting brackets
- 2- Spacers
- 1- Varistor
- 1- Trim Plate

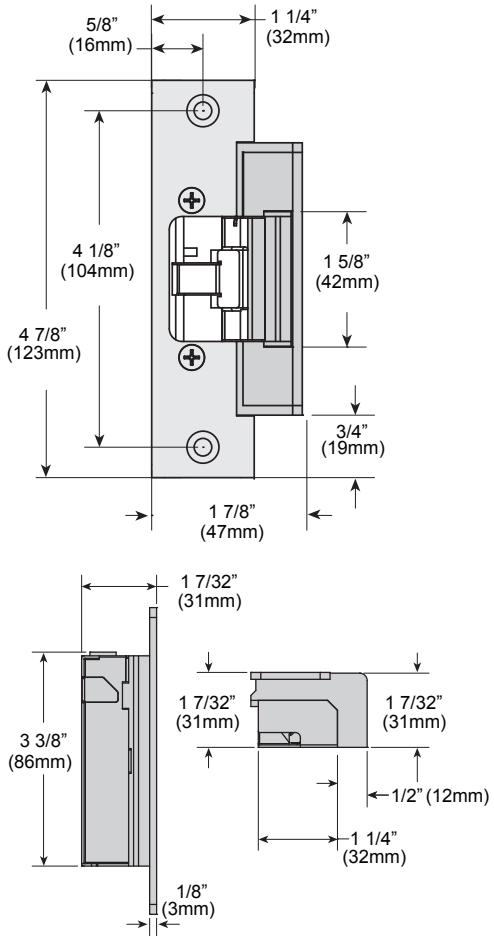
1. Description

Camden CX-ED2079-1 low profile grade 2 ANSI strike for cylindrical locksets offers the very best strike quality and performance, with three stainless steel faceplates provided. The 'ANSI' strike design delivers unparalleled application flexibility, with field selectable voltage, fail safe/fail secure operation and mechanical adjustment of the strike body.

2. Specifications

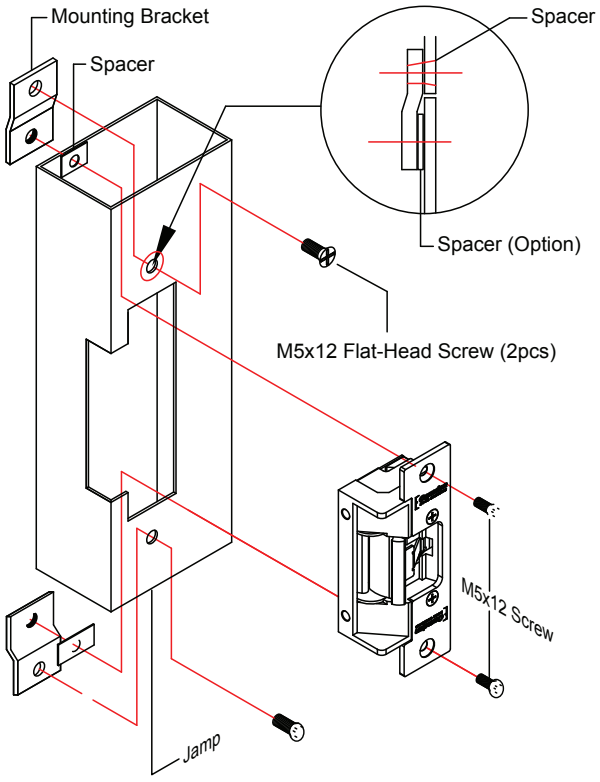
Voltage	12/24V AC/DC
Current Draw	300mA@12V DC 150mA@24V DC
Static Strength	1,000 Lbs.
Dynamic Strength	50 Ft-Lbs.
Endurance	700,000 Cycles (Factory Tested) 250,000 Cycles (UL Verified)
Mode	Field Selectable Fail Safe/Fail Secure
Mech. Adjustment	Strike Body/Faceplate
Operation	AC-Buzz DC-Silent
Duty	Continuous
Dimensions (Body)	3 3/8" H x 1 7/8" W x 1 7/32" D (86mm x 47mm x 31mm)

3. Dimensions

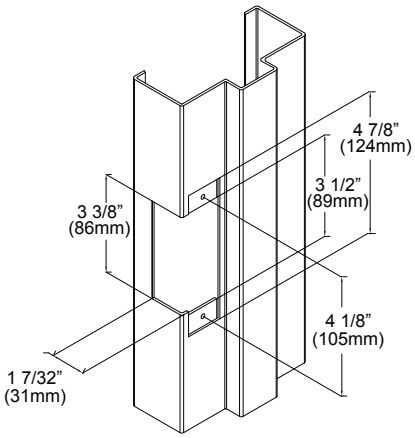


4. Installation

1. Prepare the door jamb as per the appropriate drawing.
2. Install mounting brackets to jamb using M5x12 screws and pressed metal nuts. Do not tighten.
3. Spacers are used to assure flush final assembly of faceplate into jamb. Add one of more spacers between jamb and mounting bracket when face plate extends beyond the jamb. When the faceplate sits inside the jamb, spacers must be added between the mounting bracket & the lip bracket. Make sure clearance hole in spacer aligns with hole in mounting bracket.
4. Connect wires coming from the low voltage side of the transformer to wires (black) from strike.
5. Install electric strike jamb by attaching with # 10-32 screws and lockwashers.
6. Secure M5x12 screws holding mounting brackets to jamb.



Vertical Centerline



ESP1B + ESP2B

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 National Electric Code, NFPA 70. When installed in fail secure mode, the local authority shall be consulted with regard 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.

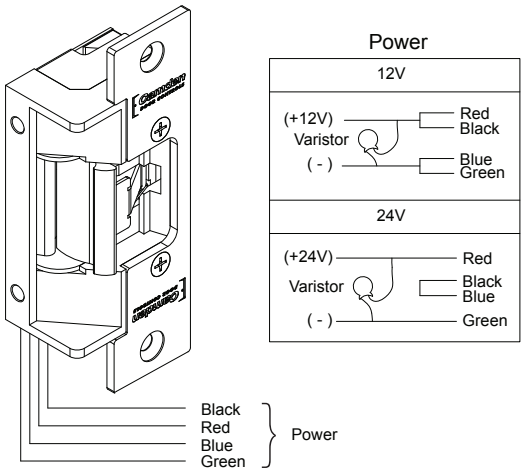
5. Connections

POWER

12VDC		**24VDC**	
Red/Black:	+12V	Red:	+24V
Blue/Green:	Ground	Black/Blue:	-
		Green:	Ground

A varistor is provided to protect/prevent strike from spikes. Connect varistor between input wires.

Note: The door strikes are to be powered via a class 2 power limit output from a control panel or power supply that is UL listed to UL Burglar Alarm/Access control standards.



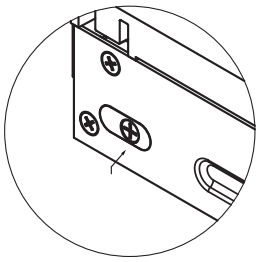
6. Operation

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

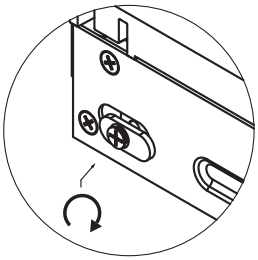
(1). Loosen the screw as per the product diagram below.

(2). Rotate the set plate 180° and slide the plate until it is properly seated.

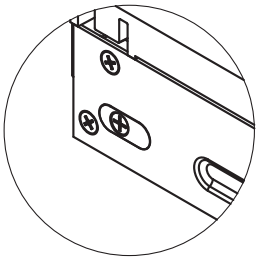
(3). Tighten the screw.



Fail Safe



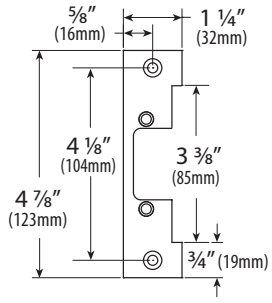
Changing



Fail Secure

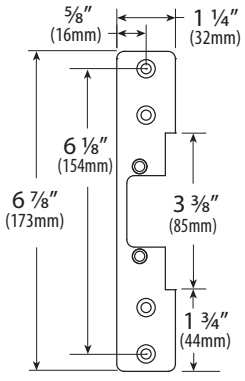
7. Faceplates

INCLUDED IN PACKAGE

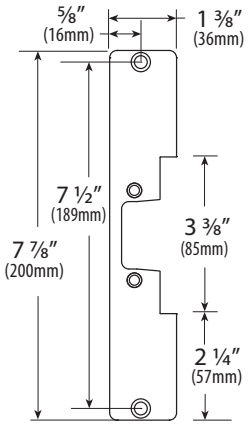


ESP1B - ANSI Square

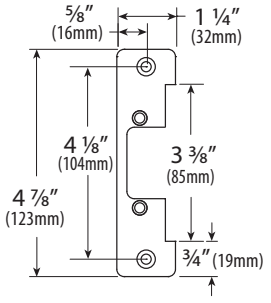
ADDITIONAL FACEPLATE



ESP3B - Hollow Metal Door



ESP4B - Wood Door



ESP2B - Ansi Round

Push Buttons

Keypads

Strikes

Magnetic Locks

Key Switches

Relays & Timers

Access Control

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Certified ISO 9001: 2008
FS 541752
File: CX-ED2079-1 'ANSI'Designer Installation Instructions.indd R2
Revision: 31/05/2018
Part No.: 40-82B221