

CX-ED1259-L
'RIM' Electric Strike
Installation Instructions

This Package Includes:

- | | |
|-----------------------------------|------------------------------|
| 1- 4 PIN power connector | 2- M5 x 25 screws
spacers |
| 1- 3 PIN door status
connector | 4- M2.5 x 4 screws |
| 4- Wire nuts | 1- MOV |
| 2- M5 x self tapping screws | 1- Cover plate |
| 4- M6 x 30 screws | |



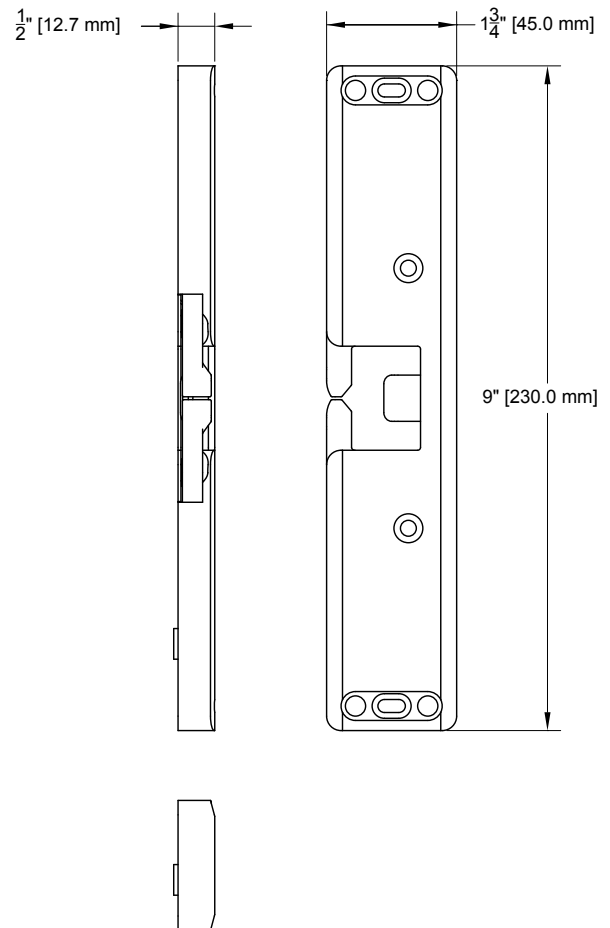
1. Description

Camden CX-ED1259-L Grade 1 RIM strike for pullman latches offer the very best strike quality and performance. The strike design delivers unparalleled application flexibility, with field selectable voltage, fail safe/fail secure operation and mechanical adjustment of the strike body.

2. Specifications

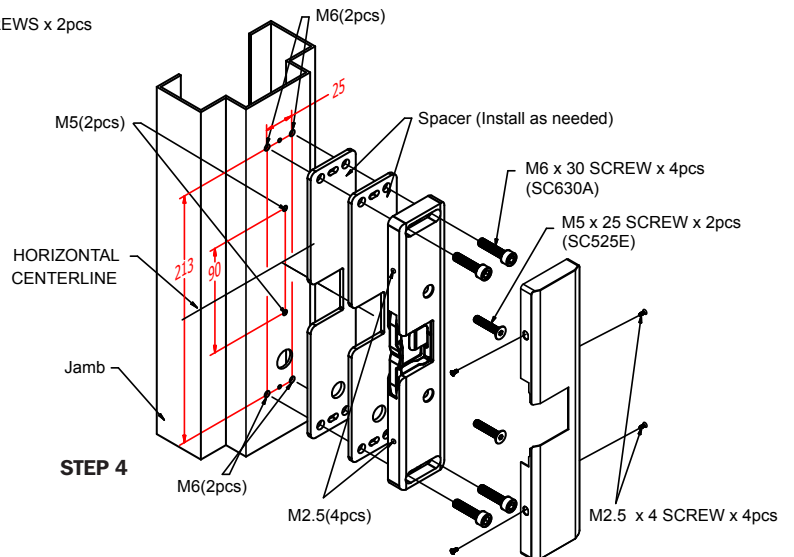
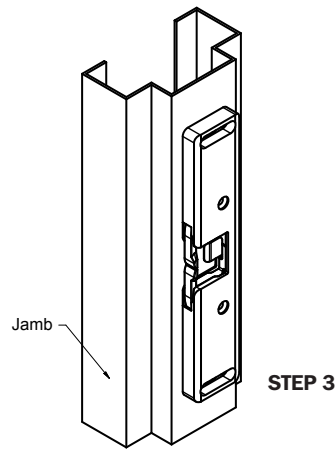
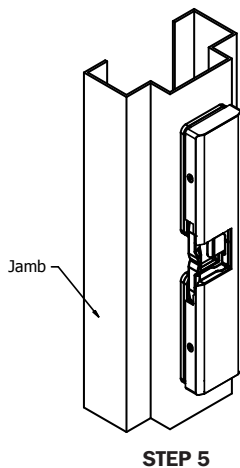
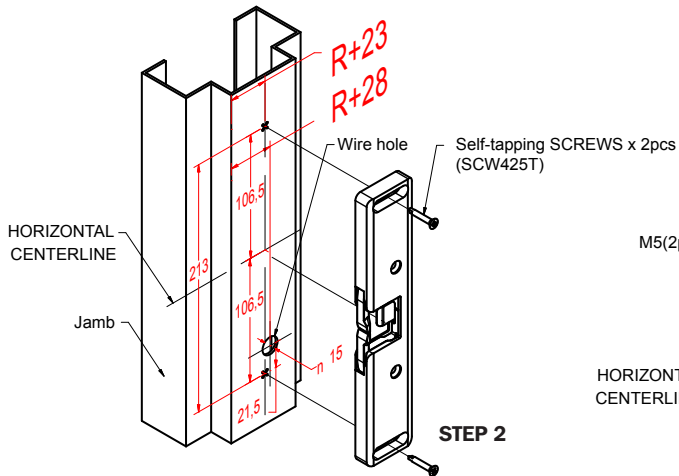
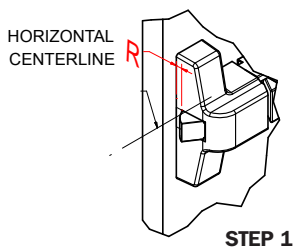
Voltage	12/24V AC/DC
Current Draw	280mA@12V DC 140mA@24V DC
Static Strength	1,500 Lbs.
Dynamic Strength	70 Ft-Lbs.
Endurance	1,000,000 Cycles (Factory Tested) 250,000 Cycles (UL Verified)
Fire Rating	UL 10C/CAN4-S104 3 hrs. (Fail Secure Only)
Mode	Field Selectable Fail Safe/Fail Secure
Mech. Adjustment	Strike Body/Faceplate
Operation	AC-Buzz DC-Silent
Duty	Continuous
Latch Bolt Monitor	SPDT, 100mA @ 24V DC
Dimensions (Body)	9" H x 1 3/4" W x 1/2" D (230mm x 45mm x 12.7mm)

3. Dimensions



4. Installation

- 1a. Close door, then mark horizontal center line of Push bar keeper.
- 2a. Using center line, measure (101.5mm) top and bottom, then mark for self-tapping screws.
- 2b. Drill (15mm dia.) Hole, as per template, for connecting wires
- 2c. Fix strike body with SCW425T self-tapping screws.
3. Close door, and if necessary, adjust so that strike and push bar keeper are well aligned, then mark remaining screw positions.
- 4a. Remove strike, and drill threads at screws position.
- 4b. Connect wires as per drawing.
- 4c. Fix strike with remaining screws (M6 x 30 at both ends / M5 x 25 in the middle)
- 4d. Place cover plate on the strike. Install the M2.5 x 4 screws.



Note: The products are intended to be installed in accordance with the installation wiring diagram and mechanically assembled drawings provided with each product. The local authority having jurisdiction (AHJ) and the National Electric Code, NFPA 70. When installed with a fail secure manner, 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 location as not to impair the operation of an emergency exit 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/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.

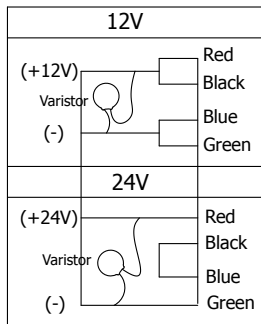
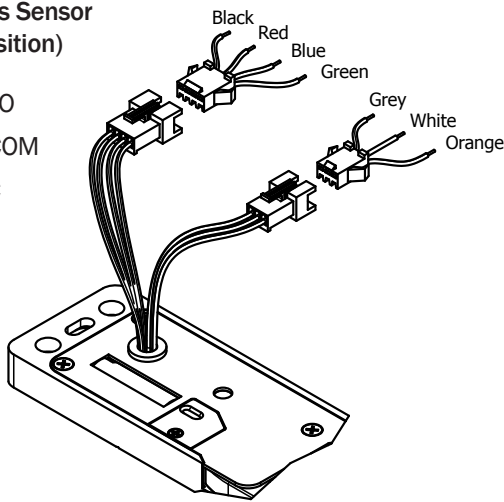
6. Wiring

Door Status Sensor (Closed position)

White = N/O

Orange = COM

Grey = N/C

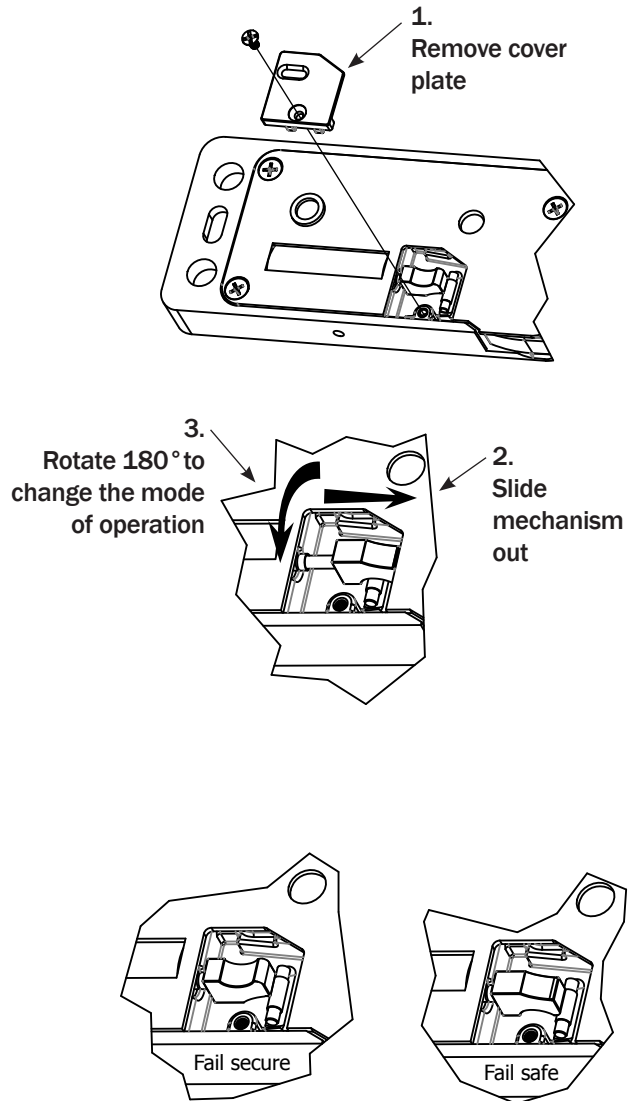


A varistor is provided to protect strike from spikes. Connect varistor to between input wires.

7. Setting Fail-Secure/Fail Safe

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

1. Loosen the screw at the back of the Electric strike as per the diagram below.



Push Buttons



Keypads



Strikes



Magnetic Locks



Key Switches



Relays & Timers



Access Control