

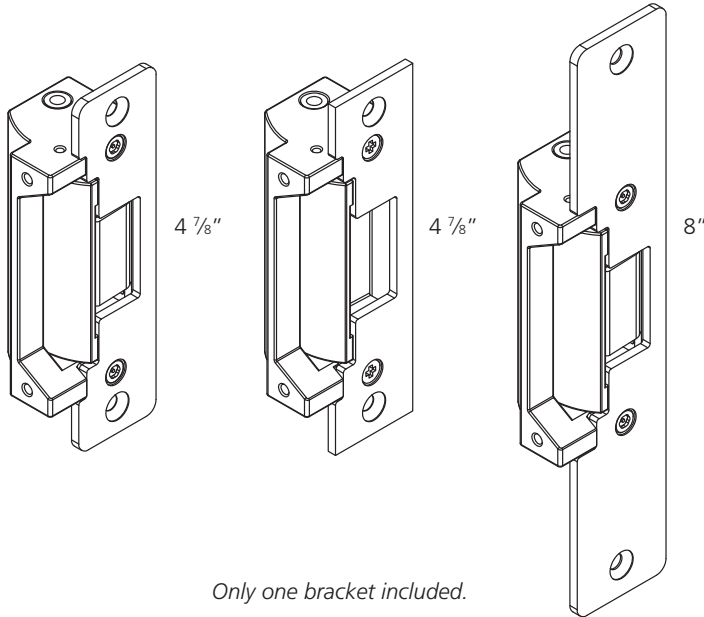
# CYLINDRICAL UNIVERSAL ELECTRIC STRIKE

Cylindrical electric strike for access doors



Visit website for available languages of this document.

## DESCRIPTION



Only one bracket included.

## TECHNICAL SPECIFICATIONS

Operating voltage	12 or 24 VDC
Current draw	300mA (12 VDC) 150mA (24 VDC)
Operating temperature	32 – 120 °F (0 – 49 °C)
Humidity	0 – 85% non-condensing
Latch throw	9/16" (15mm) max.
Keeper width	1 9/17" (36mm)
Static strength	1000 lbs (454kg)
Dynamic strength	50 ft-lbs
Endurance	250,000 cycles (UL-tested) 1,000,000 cycles (factory-tested)
Material (strike body)	zinc alloy / stainless steel

Specifications are subject to change without prior notice.  
All values measured in specific conditions.

**The CYLINDRICAL UNIVERSAL ELECTRIC STRIKES are designed to accommodate either cylindrical or mortise locksets up to 9/16" (15mm) throw latchbolt. 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 secured area.**

## UL294 & UL1034 REQUIREMENTS

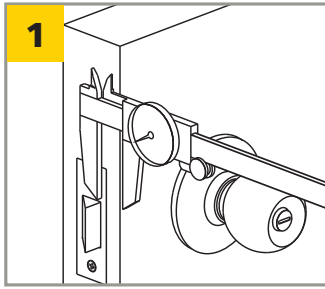
- Indoor use only.
- Wiring methods shall be in accordance with NFPA70.
- 10STRIKECUV is intended to be used with UL-listed exit hardware.
- 10STRIKECUV shall not impair the intended operation of an emergency exit.
- 10STRIKECUV shall not impair the operation of cylindrical lever mounted on the door.

## GENERAL SAFETY

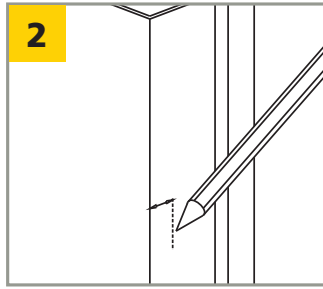


- Shut off all power going to electrical enclosure before attempting any wiring procedures.
- Maintain a clean and safe environment when working in public areas.
- Constantly be aware of pedestrian traffic around the door area.
- Always stop pedestrian traffic through the doorway when performing tests that may result in unexpected reactions by the door.
- ESD (electrostatic discharge):* Circuit boards are vulnerable to damage by electrostatic discharge. Before handling any board, ensure you dissipate your body's ESD charge.
- Always check placement of all wiring before powering up to ensure that moving door parts will not catch any wires and cause damage to equipment.
- Ensure compliance with all applicable safety standards (i.e. ANSI A156.31) upon completion of installation.
- DO NOT attempt any internal repair of the components. All repairs and/or component replacements must be performed by BEA, Inc. Unauthorized disassembly or repair:
  1. May jeopardize personal safety and may expose one to the risk of electrical shock.
  2. May adversely affect the safe and reliable performance of the product resulting in a voided warranty.

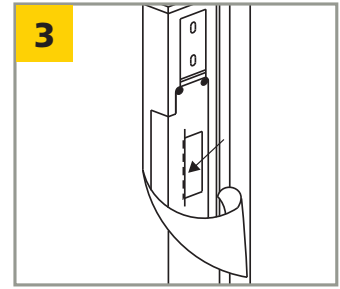
# MOUNTING & WIRING



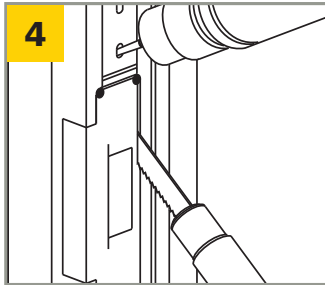
1 Measure latch position.



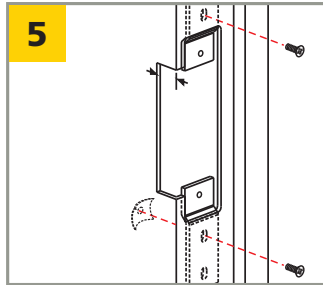
2 Mark latch position line.



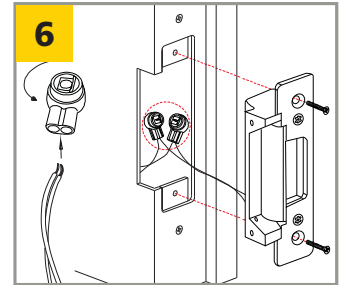
3 Attach sticker template to marked centerline.



4 Cut hole using template.



5 Install mounting tabs.

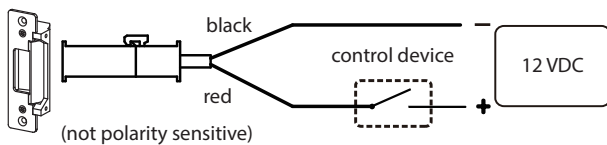


6 Connect wires using crimp connections. Test strike, ensuring it is receiving correct voltage.

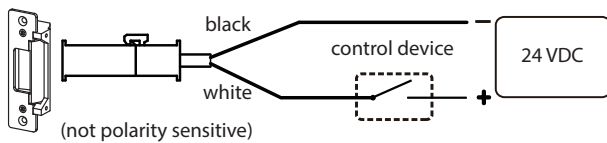
*Proper gap must be reserved between the strike keeper and latch bolt to prevent failure of solenoid valve.*

## Connection Diagram

### 12 VDC operation

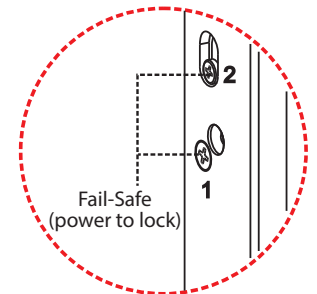
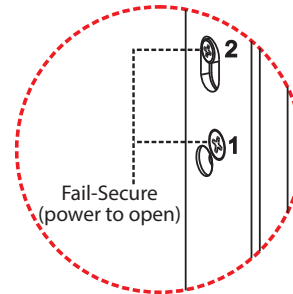


### 24 VDC operation



## Fail-safe / Fail-secure Reversible

Remove locking screw, loosen, slide and tighten sliding screw. Reinsert and tighten locking screw to the desired fail-safe or fail-secure setting.



To achieve **fail-safe**, move sliding screw to the **right** (observe label orientation).  
To achieve **fail-secure**, move sliding screw to the **left** (observe label orientation).

## BEA, INC. INSTALLATION/SERVICE COMPLIANCE EXPECTATIONS

BEA, Inc., the sensor manufacturer, cannot be held responsible for incorrect installations or incorrect adjustments of the sensor/device; therefore, BEA, Inc. does not guarantee any use of the sensor/device outside of its intended purpose.

BEA, Inc. strongly recommends that installation and service technicians be AAADM-certified for pedestrian doors, IDA-certified for doors/gates, and factory-trained for the type of door/gate system. Installers and service personnel are responsible for executing a risk assessment following each installation/service performed, ensuring that the sensor/device system performance is compliant with local, national, and international regulations, codes, and standards.

Once installation or service work is complete, a safety inspection of the door/gate shall be performed per the door/gate manufacturer's recommendations and/or per AAADM/ANSI/DASMA guidelines (where applicable) for best industry practices. Safety inspections must be performed during each service call – examples of these safety inspections can be found on an AAADM safety information label (e.g. ANSI/DASMA 102, ANSI/DASMA 107, UL294, UL325, and International Building Code).

Verify that all appropriate industry signage, warning labels, and placards are in place.

