ENGLISH

RIM-EXIT ELECTRIC STRIKE

Rim-exit electric strike for access doors with ½" and ¾" housing thickness

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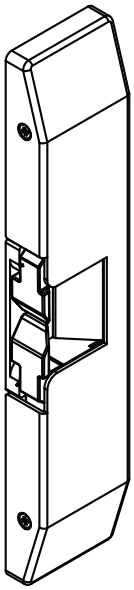
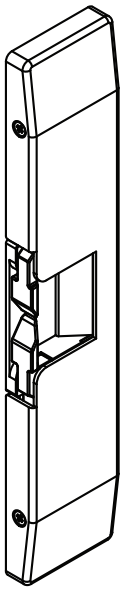
DESCRIPTION



¾" Strike
(10STRIKEREV34)



½" Strike
(10STRIKEREV12)

TECHNICAL SPECIFICATIONS

Operating voltage	12 or 24 VDC
Current draw	540mA (12 VDC) 270mA (24 VDC)
Operating temperature	14 – 120 °F (-10 – 49 °C)
Humidity	0 – 85% non-condensing
Static strength	1500 lbs (680kg)
Dynamic strength	70 ft-lbs
Endurance	250,000 cycles (UL-tested) 1,000,000 cycles (factory-tested)
Lock mode	field selectable fail-safe or fail-secure
Performance level	destructive attack: level I line security: level I standby power: level I endurance: level IV
Material (strike body)	brushed stainless steel (US32D)
Frame application	metal / wood
Latch throw (housing thickness)	¾" or ½"

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

UL294 & UL1034 REQUIREMENTS

- ❑ Indoor use only.
- ❑ Wiring methods shall be in accordance with NFPA70.
- ❑ 10STRIKEREV is intended to be used with UL-listed, rim type, fire exit hardware, Von Duprin LLC, Model 99-F.
- ❑ 10STRIKEREV shall not installed in the fail-secure mode unless permitted by the local Authority Having Jurisdiction (AHJ), and shall not impair panic hardware operation.
- ❑ Remove the "Listed Fire Rated Hardware" label if the 10STRIKEREV is used in the fail-safe operation. Using these strikes in fail-safe operation negates the fire rating. 10STRIKEREV is fire rated in fail-secure operation only.
- ❑ 10STRIKEREV are access control unit accessories intended to be controlled by an access contol system. The purpose of access control systems is to provide a means for controlling lock and unlocking external and internal doors of a premise.

GENERAL SAFETY

CAUTION

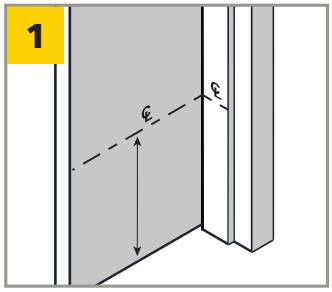
- ❑ Shut off all power going to electrical encolsure before attempting any wiring procedures.
- ❑ Maintain a clean and safe environment when working in public areas.
- ❑ Constantly be aware of pedestrian traffic around the door area.
- ❑ Always stop pedestrian traffic through the doorway when performing 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

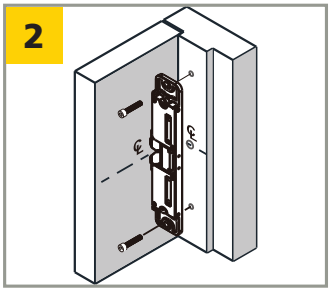
Steps 1 – 3 only need to be performed if there was NOT an existing exit device at the installation site.

1



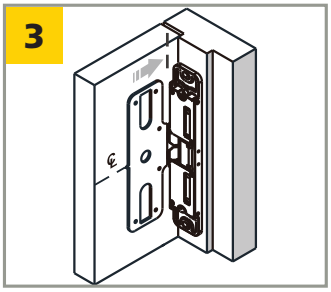
Measure 39 13/16" (1011mm) from the finished floor and mark strike centerline on the door. Transfer centerline to frame.

2



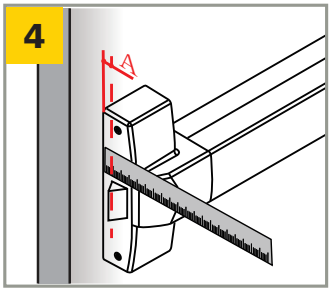
Align the strike on the centerline and mark two slotted holes. Drill holes and secure strike to frame.

3



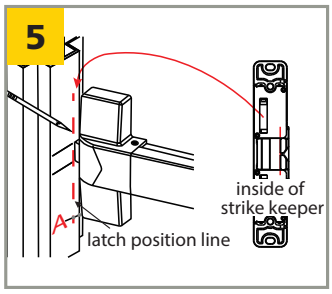
Align template on centerline and against strike.

4



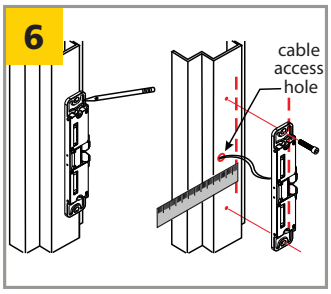
Measure the exit device latch position on the door.

5



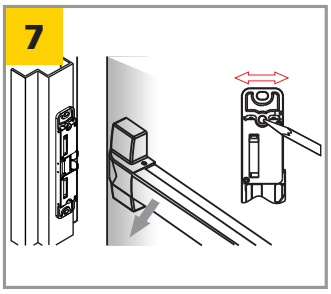
Close the door and mark the latch position on the frame. *The latch position line will correspond with the inside of the strike keeper as shown.*

6



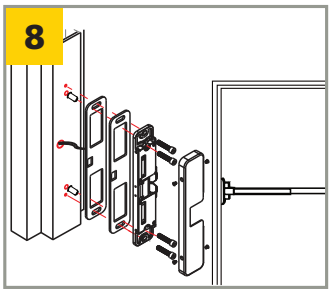
Position the strike on the frame according to the marks. Using the strike as a template, mark and drill a cable access hole and two mounting holes. Loosely mount the strike with Phillips flathead screws.

7



Check latchbolt interaction and adjust the strike horizontally until the door latches properly, then tighten the two mounting screws and mark remaining screw holes.

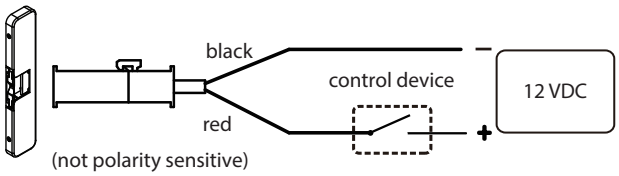
8



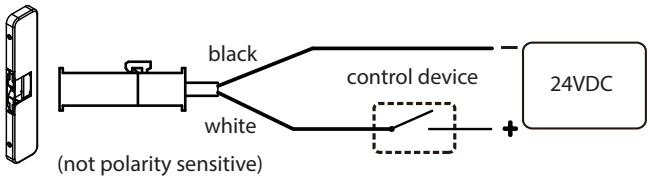
Remove the strike and drill marked holes. Wire accordingly. Insert the blind nuts into the holes and re-install the strike. If necessary, add spacers to adjust the gap between the strike and exit device. Secure the strike with the hex-socket, cap screws into the blind nuts.

Connection Diagram

12 VDC operation



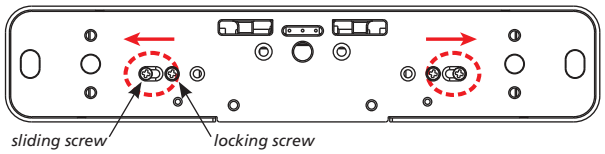
24 VDC operation



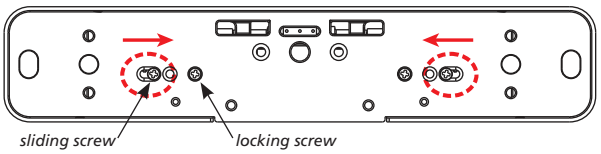
Fail-safe / Fail-secure Reversible

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

Fail-Safe: screws locked AWAY from each other



Fail-Secure: screws locked TOWARDS each other



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.

AAADM ANSI DASMA DHI IDA