Electric Strike, Single Door Rim Night Latch Application

Installation Instructions

Note: Check with factory for retrofit applications.

1. For lock or device preparation, see their directions.
2. Prepare frame for strike (see other side).
3. Wire strike (Figure 1). (Switches on 6114DS only.)

4. Test strike: Apply solenoid power. Fail secure (FSE) lip unlocks. Fail safe (FS) lip locks. Figure 1 shows status of switches.

5. Install strike with four #10-24 screws. Make sure clearance between latch bolt and strike lip is 1/32" (Figure 3). If not, shim night latch as necessary.

6. If latch bolt does not extend far enough to actuate tripper, install extension (Figure 4). (Tripper on 6114DS only.)

7. Test door: With strike unlocked, door opens with latch bolt extended. When door closes, latch bolt rides over strike lip.

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**Solenoid Power Requirements**

Yellow solenoid wires = 12 VDC, 0.57 A
Black solenoid wires = 24 VDC, 0.29 A
(also shown on strike label)

**Wiring for DC supply**

- 12 VDC or 24 VDC

**Wiring for AC supply**

- 12 VAC or 24 VAC

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**Switch Ratings**

- Standard: 5 A, 30 VDC
- Gold: 0.25 A, 30 VDC

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**Extension**

Use crimp connectors to splice field wiring to P2 leads; insulate unused leads

**Switches shown with tripper depressed, strike lip closed and locked**

- Fail safe (FS)
- Fail secure (FSE)

**Endurance Rating**

250,000 cycles

**Static Strength Rating**

1500 lb.

**Dynamic Strength Rating**

70 ft.-lb.

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**Customer Service**

1-877-671-7011  www.allegion.com/us
Strike Dimensions

Frame Preparation for Strike