**Electric strike, double aluminum door closed back mortise or cylindrical application**

**Notes:** Deadbolt will not function with this strike. Check with factory for retrofit applications.

1. For lock or device preparation, see their directions.
2. Prepare door for strike (see other side).
3. Wire strike (Figure 1). (Switches on 6224ALDS only.)

### Wiring Diagrams

**Solenoid Power Requirements**

- **Yellow solenoid wires = 12 VDC, 0.57 A**
- **Black solenoid wires = 24 VDC, 0.29 A**

**Wiring for DC supply**

- 12 VDC or 24 VDC

**Wiring for AC supply**

- 12 VAC or 24 VAC

Use crimp connectors to splice field wiring to P1 leads

**Figure 1**

**Solenoid**

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

**Figure 2**

**Top view; faceplate not shown for clarity**

**Figure 3**

**To adjust strike, loosen screws A, B, and C and move backbox sideways as necessary**

**Figure 4**

**Extension**

**Customer Service**

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

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**Installation Instructions**

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 two #12-24 screws. Make sure clearance between latch bolt and strike lip is 1/32" (Figure 2). If not, uninstall strike, adjust (Figure 3), and reinstall.

6. If latch bolt does not extend far enough to actuate tripper, install extension (Figure 4). (Tripper on 6224ALDS 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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**Switch Ratings**

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

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**Solenoid Power Requirements**

- **Yellow solenoid wires = 12 VDC, 0.57 A**
- **Black solenoid wires = 24 VDC, 0.29 A**

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**Notes:**

- Deadbolt will not function with this strike.
- Check with factory for retrofit applications.

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**Solenoid Power Requirements**

- **Yellow solenoid wires = 12 VDC, 0.57 A**
- **Black solenoid wires = 24 VDC, 0.29 A**

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

**S1** (monitors tripper)

**S2** (monitors strike lip)

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**Switch Ratings**

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

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**Static Strength Rating 1500 lb.**

**Dynamic Strength Rating 70ft.-lb.**

**Endurance Rating 250,000 c.**

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**To adjust strike, loosen screws A, B, and C and move backbox sideways as necessary**

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**Customer Service**

1-877-671-7011 www.allegion.com/us
Door Preparation for Strike

1-7/16" minimum clearance

Strike backbox assembly

1-7/8" minimum clearance

1-1/2" minimum clearance

12" minimum clearance

9"

1-3/8"

4-1/2"

1-5/8"

8-3/8"

5/32"

5/32"

1-3/8"

4-3/16"

11/16"

3-3/4"

6"

1-7/8"

1-5/8"

1-3/8"

1-3/8"

9"