Electric Strike, Single Door Mortise or Cylindrical Application

Installation Instructions

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

6. Install strike with two #12-24 screws. Make sure clearance between latch bolt and strike lip is 1/32" (Figure 3). If not, uninstall strike, adjust (Figure 4), and reinstall.

7. If latch bolt does not extend far enough to actuate tripper, install extension (Figure 5). (Tripper on 6212DS only.)

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

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 frame for strike (see other side).
3. Wire strike (Figure 1). (Switches on 6212DS only.)
4. Install insert for auxiliary bolt operation (Figure 2).

Solenoid Power Requirements

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

Solenoid Power Requirements

DC input is nonpolarized

12 VDC or 24 VDC

SO-12 or SO-24

Use crimp connectors to splice field wiring to P1 leads

Figure 1

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

Switch Ratings

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

NOTE:
Static Strength Rating 1500 lb.
Dynamic Strength Rating 70ft.-lb.
Endurance Rating 250,000 c.

Fit hook on insert into notch on faceplate

Alternate insert position

Figure 2

Latch bolt
Strike lip

1/32"

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

D

For more adjustment, move screw A to hole D

Figure 3

Extension

Figure 5

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Strike Dimensions and Required Clearances

Frame Preparation for Strike

- 1-1/4" minimum clearance
- 1-1/8" minimum clearance
- 1/8"
- 3/4"
- 5/8"
- 3-3/8"
- 6-3/8"
- 5-5/8"
- 6-3/8"
- 5/16"
- 3/4" dia., countersink to 11/32", 2 places (not required if welding tab in place)

Existing ANSI strike preparation

Strike mounting tab; weld in place (recommended) or secure with two #12-24 undercut flat head screws

12" minimum clearance

6" minimum clearance

Strike Dimensions and Required Clearances