Electric Strike, Single Door Mortise with Deadbolt 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 6216DS only.)
4. Install small insert for auxiliary bolt operation and large insert in unused dead bolt pocket (Figure 2).

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

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

SO-12 or SO-24

Use crimp connectors to splice field wiring to P1 leads

NOTE:
DC input is nonpolarized.

Figure 1

Figure 2

Figure 3

Figure 4

To adjust strike, loosen screws A, B, and C and move backbox sideways as necessary. For more adjustment, move screw A to hole D

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

NOTE:

S1 (monitors tripper)
S2 (monitors strike lip)

SWITCH RATINGS

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

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Customer Service
1-877-671-7011 www.allegion.com/us
Strike Dimensions and Required Clearances

Frame Preparation for Strike

Suggested cutout 11/32" maximum
Reinforce for strike attachment as required

#16 drill and #12-24 tap 2 places