Electric Strike, Single Door Mortise or Cylindrical Application

Installation Instructions

6215/6215DS

Notes:

1. For lock or device preparation, see their directions.
2. Prepare frame for strike (see other side).
3. Wire strike (Figure 1). (Switches on 6215DS 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 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 6215DS only.)
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 SO-12 12 VDC
24 VAC SO-24 24 VDC

Use crimp connectors to splice field wiring to P1 leads

S1 (monitors tripper)
S2 (monitors strike lip)

S1
S2

Red (C)
Blue
Yellow
White (C)
Gray
Violet

Fail safe (FS)
Fail secure (FSE)

Switches shown with tripper depressed, strike lip closed and locked (switches and tripper on 6215DS only)

S1
S2

FIGURE 1

Solenoid

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

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

FIGURE 4

Extension

Tripper

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

FIGURE 4

Extension

Tripper

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

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Frame Preparation for Strike

- Strike backbox assembly
- #16 drill and #12-24 tap, 2 places
- Reinforce for strike attachment as required

Strike Dimensions and Required Clearances

- LHR shown, RHR opposite
- 2" minimum clearance
- 1-7/8" minimum clearance
- 1-3/8" minimum clearance
- 4-1/2" minimum clearance
- 12" minimum clearance

Suggested cutout:
- 11/32" maximum