VON DUPRIN®

Installation Instructions



931232-00

STRIKE FORCE 6112/6112DS Electric Strike



Single Door Rim Application

Note: Check with factory for retrofit applications.

- **1.** For lock or device preparation, see their directions. Also see application schedule on other side.
- 2. Prepare frame for strike (see other side).
- 3. Wire strike (Figure 1). (Switches on 6112DS 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).
- **6.** If latch bolt does not extend far enough to actuate tripper, install extension (Figure 3). (Tripper on 6112DS 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 J2 P2 (also shown on strike label) Use crimp connectors to splice field wiring to P2 617A leads; insulate unused leads Wiring 12 VDC or for DC DC input is 24 VDC supply nonpolarized. Red (C) J1 Blue (monitors Yellow tripper) 12 VAC SO-12 → 12 VDC 14 White (C) Wiring S2 (monitors Gray for AC 16 strike lip) Violet supply P2 J2 J2 P1A P1 J1A Solenoid Use crimp **SWITCH RATINGS** Fail safe (FS) Fail secure (FSE) connectors to SO-12 or SO-24 ()W() Standard: 5 A, 30 VDC Gold: 0.25 A, 30 VDC Switches shown with tripper splice field wiring depressed, strike lip closed and locked to P1 leads Figure 1 (switches and tripper on 6112DS only)

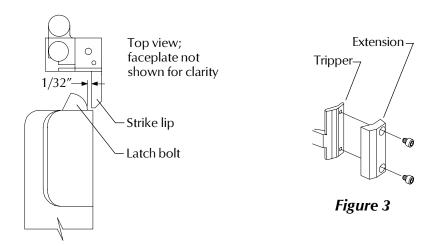
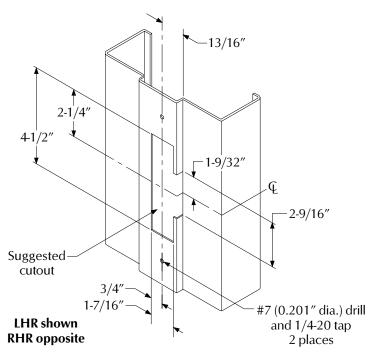
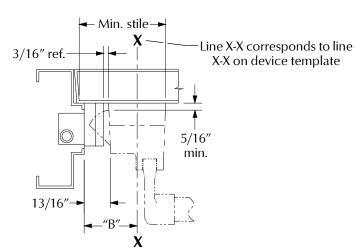


Figure 2



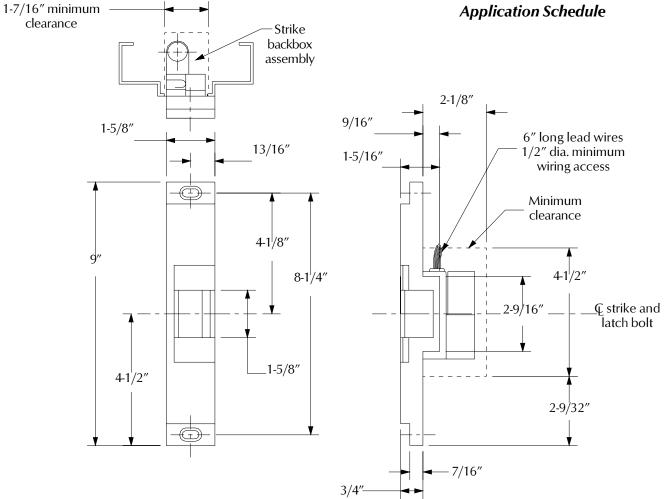


Frame Preparation for Strike



Device	"B"
22 Rim and	2-7/16"
98/99 Rim	2-//10
33/35 Rim	1-13/32"
EO/DT/NL/TP	1-13/32
33A/35A	1-15/32"
Series Rim	1-13/32
88 Rim	2.1/2//
EO/DT/NL/TP	2-1/2"
88 Rim K	2-3/8"
For other devices, consult factory.	

Application Schedule



Strike Dimensions and Required Clearances