

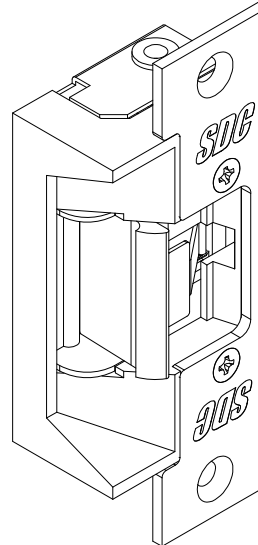


INSTALLATION INSTRUCTIONS

45F SERIES FIRE-RATED ELECTRIC STRIKES

SDC's 45 series 5/8" latchbolt electric strikes are centerline latch entry strikes designed for use with cylindrical locksets and mortise locksets without deadbolt for both metal and wood frames. 45F models are fire-rated and accept 9/16" throw latchbolts or up to 5/8" throw latchbolts with 1/8" door gap.

Built with all stainless steel parts, a durable die cast body and fewer moving parts for maximum lifespan and corrosion resistance, the quality construction makes 45 series strikes ideal for high traffic applications. The compact low profile design enables quick and easy installation where jamb space is limited.



45F-4S

MODEL:

- **45F-4S** – 4-7/8" (124mm) Square corners for hollow metal frames.

Fire-Rated Openings: 45F-4S are permitted for use on non fire-rated and fire-rated doors. However, 45F-4S strikes may not be used on stairwell doors and may not be maintained in failsafe operation when used with fire-rated doors.

OPERATION:

Fail-Secure (Power-to-Unlock): Unlocked when energized. Locked when de-energized and during power failure.

Fail-Secure Application: For non fire rated and fire rated doors (exception, may not be used on stairwell doors). May not be maintained in the unlocked (energized) state when used with fire rated doors.

Fail-Safe (Power-to-Lock): Locked when energized. Unlocked when de-energized and during power failure.

Fail-Safe Application: Non-Fire rated doors only.

CAUTION: Fail-safe is not permitted with the UL Fire Door Accessory label.

FEATURES:

- For 9/16" latch or 5/8" latch with 1/8" door gap.
- Latch Bolt Monitor (Standard).
- Deadlocked Monitor (Standard).
- Keeper Monitor (Optional).
- Field selectable fail-safe / fail-secure.
- Field selectable voltage, 12/24V AC/DC
- AC with Rectifier (BR64XL)
- 1/4" horizontal alignment adjustment.
- Plug-in wire connectors.
- Low profile, 1-3/16" deep.
- All stainless steel parts with durable die cast body for corrosion resistance.
- Fewer moving parts for maximum life.
- 630 stainless steel standard.
- UL 1034 Burglary Resistant.
- UL 10C, 3 Hr Fire Rated (Fail-Secure only).
- U.S. Patent #7,540,542 B2



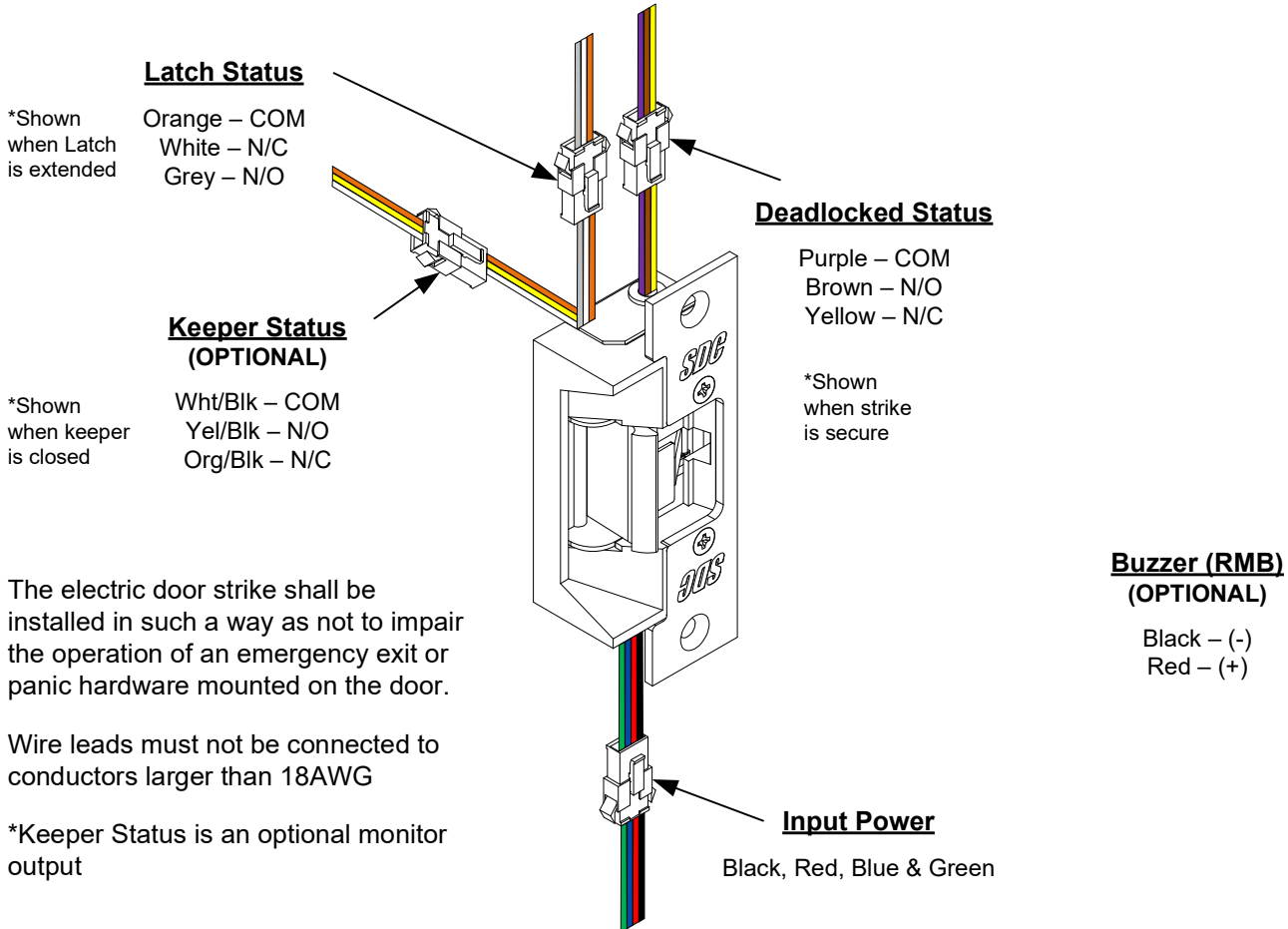
Intertek





Monitoring Outputs:

- **Latch Status:** Monitors position of latch.
- **Deadlocked Status:** Monitors the locked status when the keeper is closed.
- **Keeper Status:** Monitors the open/close position of keeper.



Electrical Data

Dual Voltage:

- 200/100mA @ 12/24VDC
- 140/70mA @ 12/24VAC

Latch Status:

- SPDT, Dry 3A @ 30V

Deadlock Status:

- SPDT, Dry 3A @ 30V

Keeper Status:

- SPDT, Dry 3A @ 30V

Buzzer (RMB):

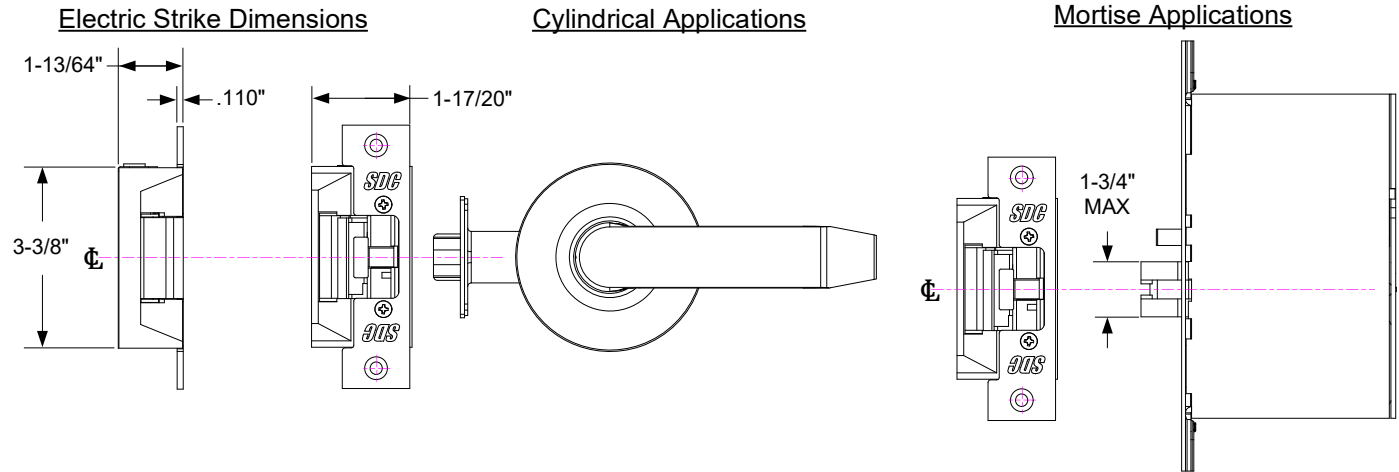
- 12/24VDC @ 10/20mA

Input Power Wiring			
12VDC		24VDC	
Red	+	Red	+
Black		Black	
Blue		Blue	
Green	-	Green	-
MOV		MOV	



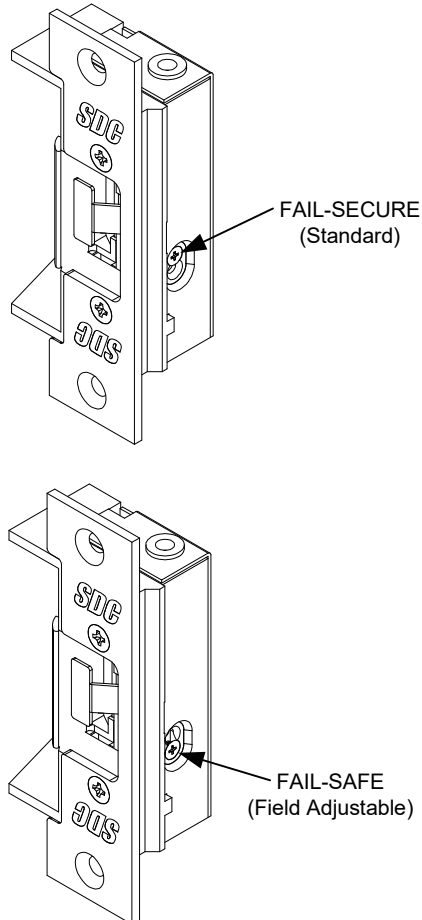
Electric Strike Alignment

Centerline latch entry strikes require the latch to enter at the strike "centerline" located exactly between the top and bottom of the strike faceplate.
*(Latch Not Provided with Electric Strike).



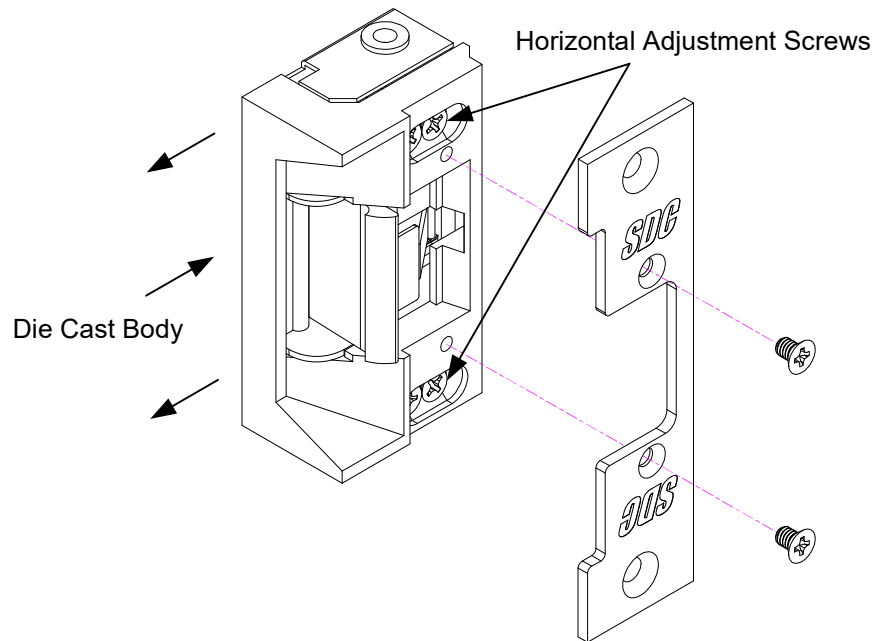
Fail-Secure & Fail-Safe

Field adjustable from Fail-Secure to Fail-Safe as shown. Loosen screw and slide to other side of slot to change fail type. Retighten screw to lock in fail type.

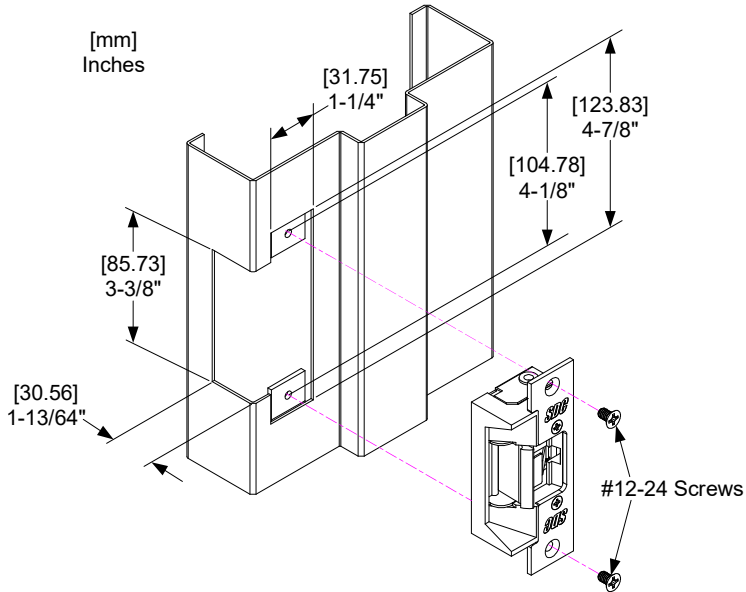


Horizontal Adjustment

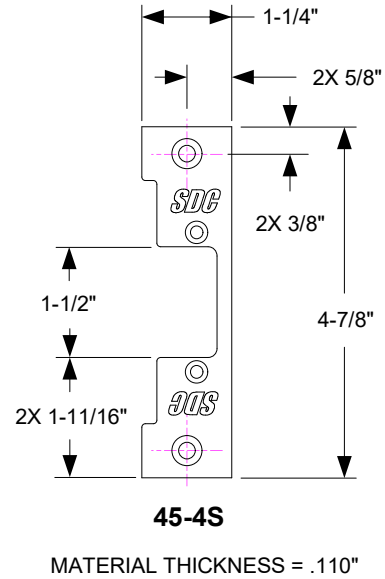
Remove Faceplate. Loosen Horizontal Adjustment Screws and slide Die Cast Body out as needed. Refasten the Adjustment Screws and replace Faceplate.



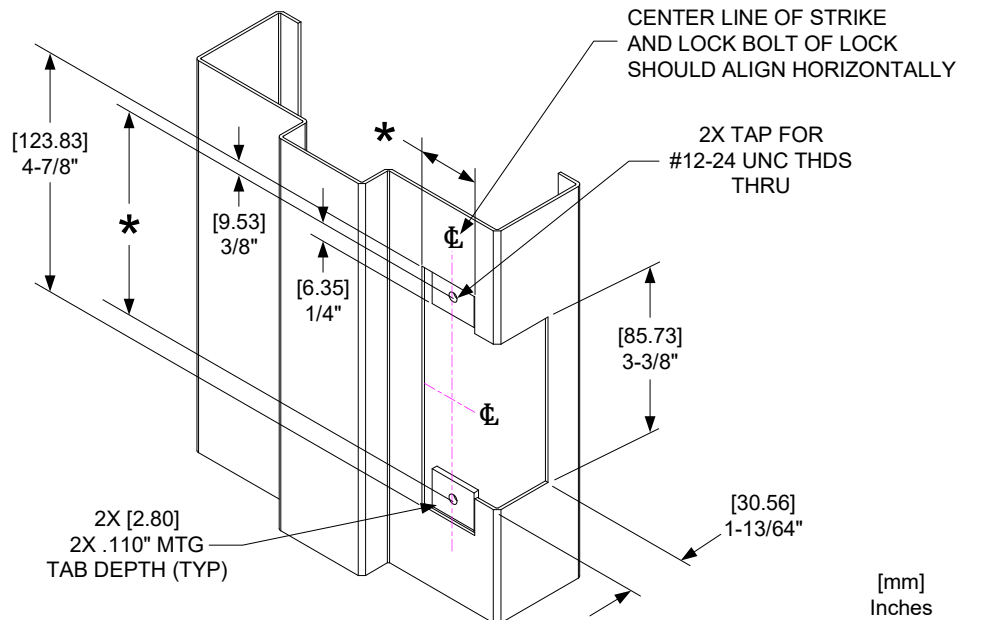
Typical Metal Frame with preexisting Mounting Tabs



Hollow Metal, Square Corner Faceplate



45 Series Electric Strike Frame Preparation for Hollow Metal Frames



* = SIZE DEPENDANT ON MODEL ORDERED