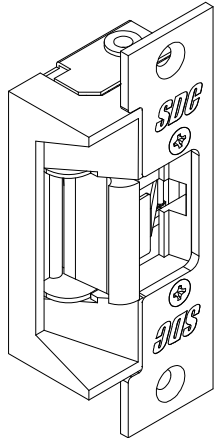
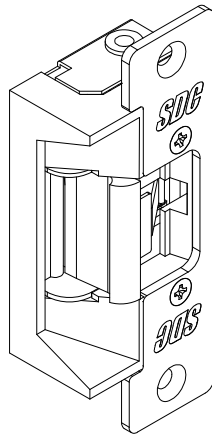


INSTALLATION INSTRUCTIONS

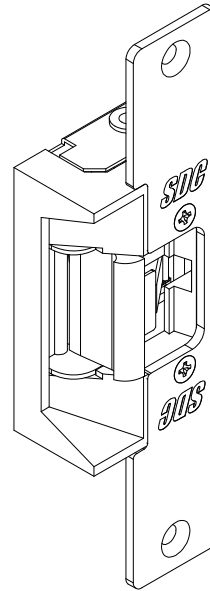
45 SERIES ELECTRIC STRIKES



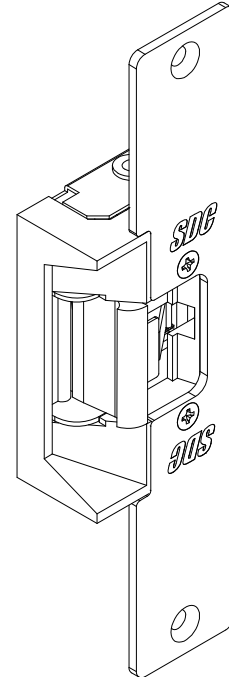
45-4S



45-4R



45-6R



45-7R

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. 45 series strikes accept 5/8" throw latchbolts or up to 3/4" 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.

MODELS:

- **45-4S** – 4-7/8" (124mm) Square corners for hollow metal frames.
- **45-4R** – 4-7/8" (124mm) Radius corners for aluminum frame.
- **45-6R** – 6-7/8" (175mm) Radius corners for aluminum/wood frame.
- **45-7R** – 7-15/16" (202mm) Radius corners for aluminum/wood frame

OPERATION:

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

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

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.

Application: Non-Fire rated doors only.

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

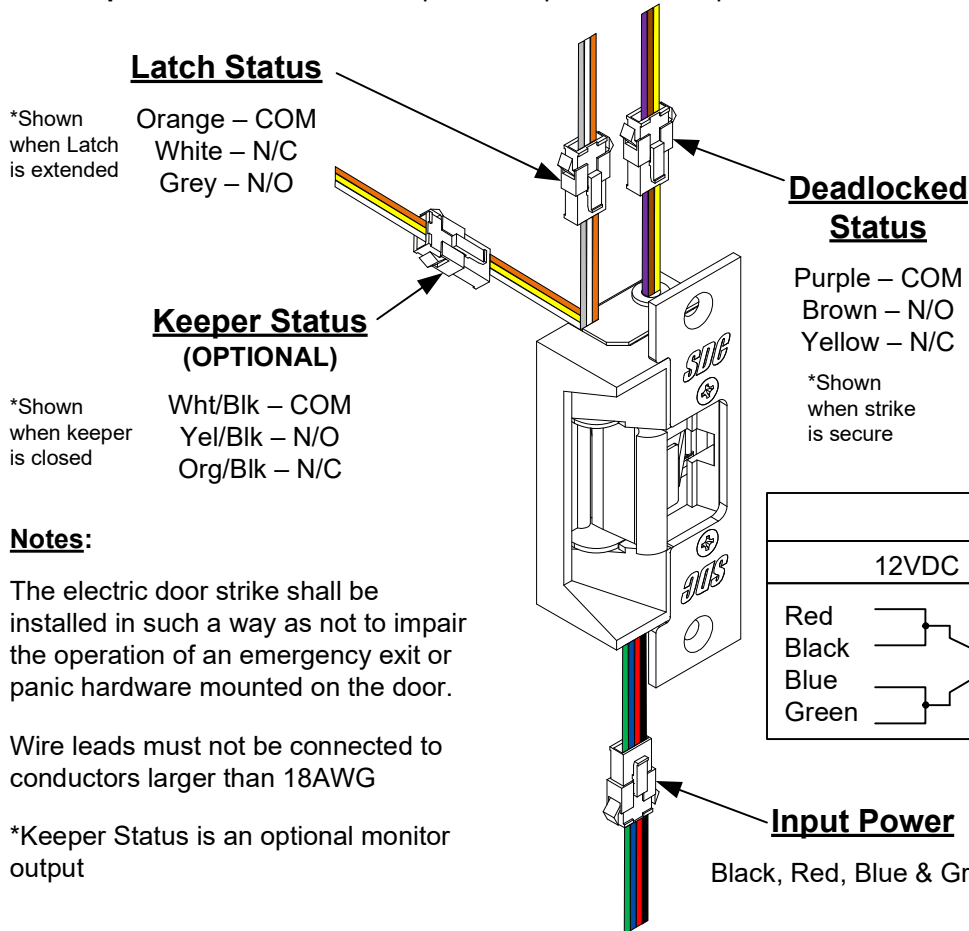
FEATURES:

- For 5/8" latch or 3/4" 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.
- ANSI A156.31
- UL Listed 1034 Burglary Resistant
- U.S. Patent #7,540,542 B2

Any suggestions or comments to this instruction or product are welcome. Please contact us through our website or email engineer@sdsecurity.com

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.



Notes:

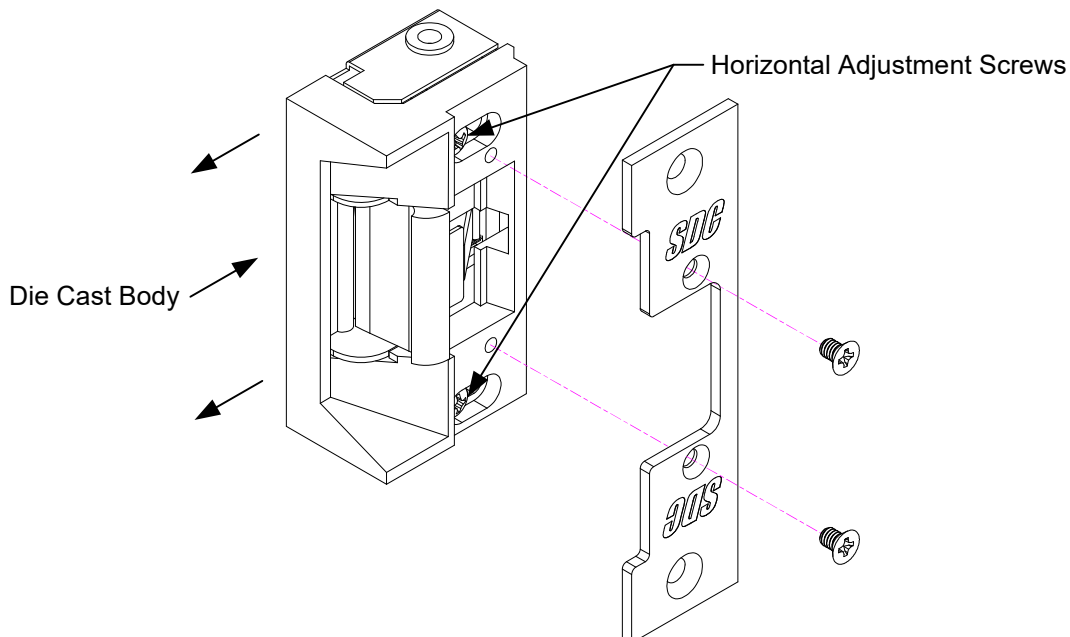
The electric door strike shall be installed in such a way as not to impair the operation of an emergency exit or panic hardware mounted on the door.

Wire leads must not be connected to conductors larger than 18AWG

*Keeper Status is an optional monitor output

Horizontal Adjustment

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



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 ——— + Black ——— Blue ——— Green ——— -	Red ——— + Black ——— Blue ——— Green ——— -

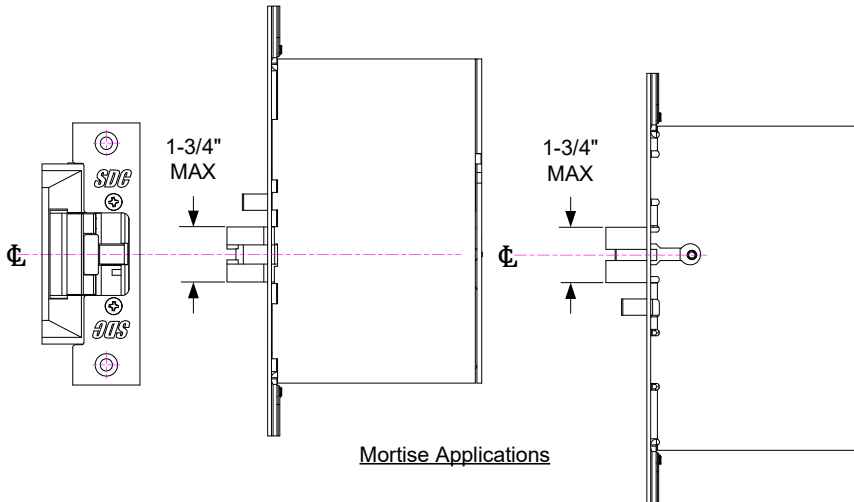
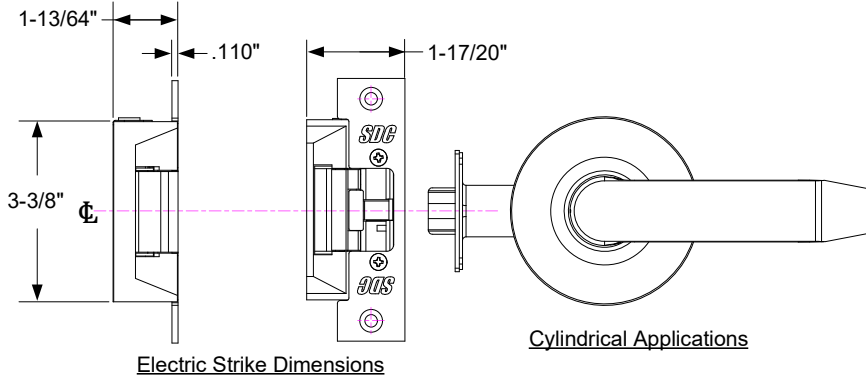
Buzzer (RMB) (OPTIONAL)

Black – (-)
Red – (+)



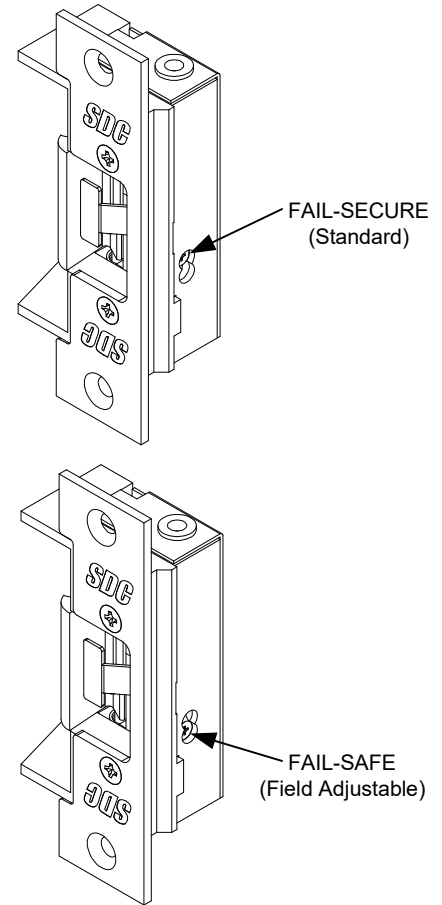
Electric Strike Alignment

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).

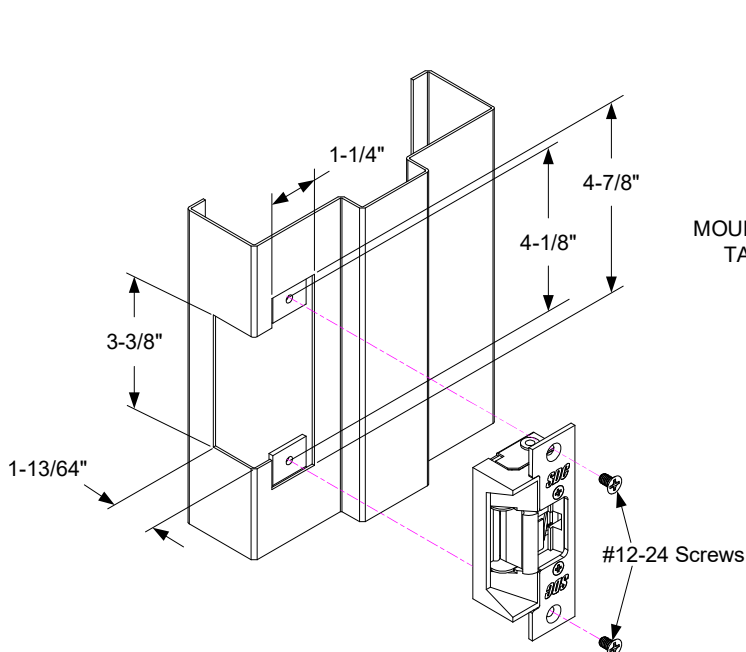


Fail-Secure & Fail-Safe

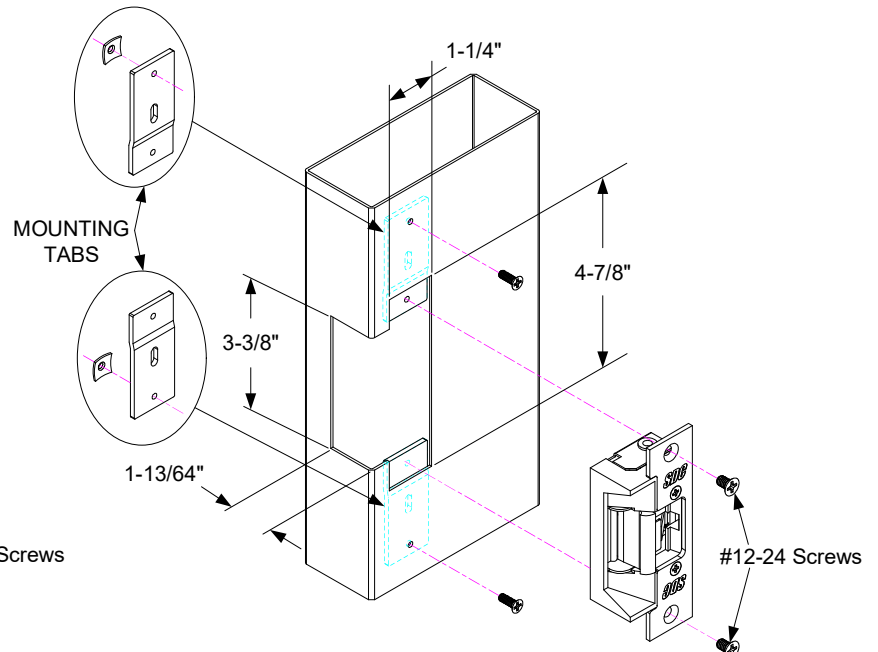
Field adjustable from Fail-Secure to Fail-Safe as shown. Loosen screw and slide to other side of slot to change fail type. Retighten screw to lock in fail type.

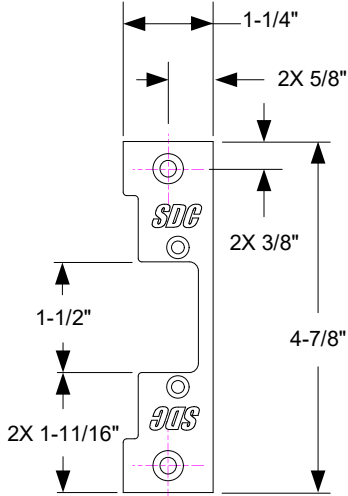
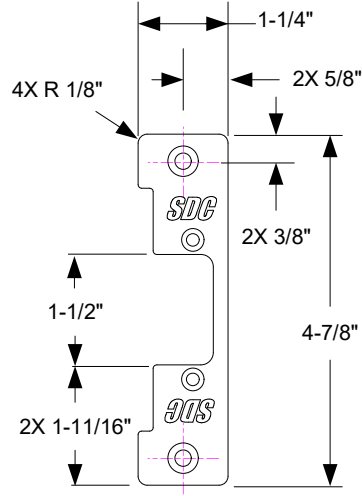
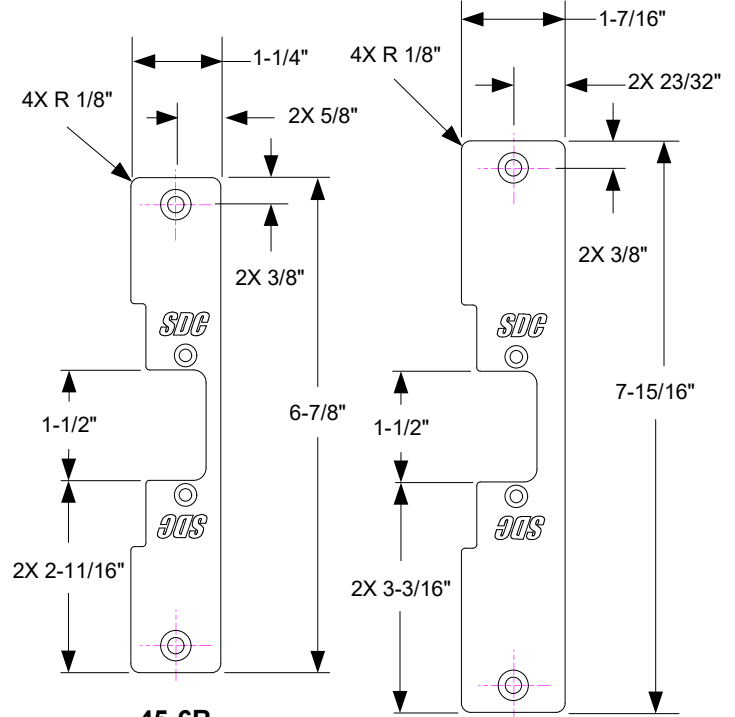


Typical Metal Frame with preexisting Mounting Tabs

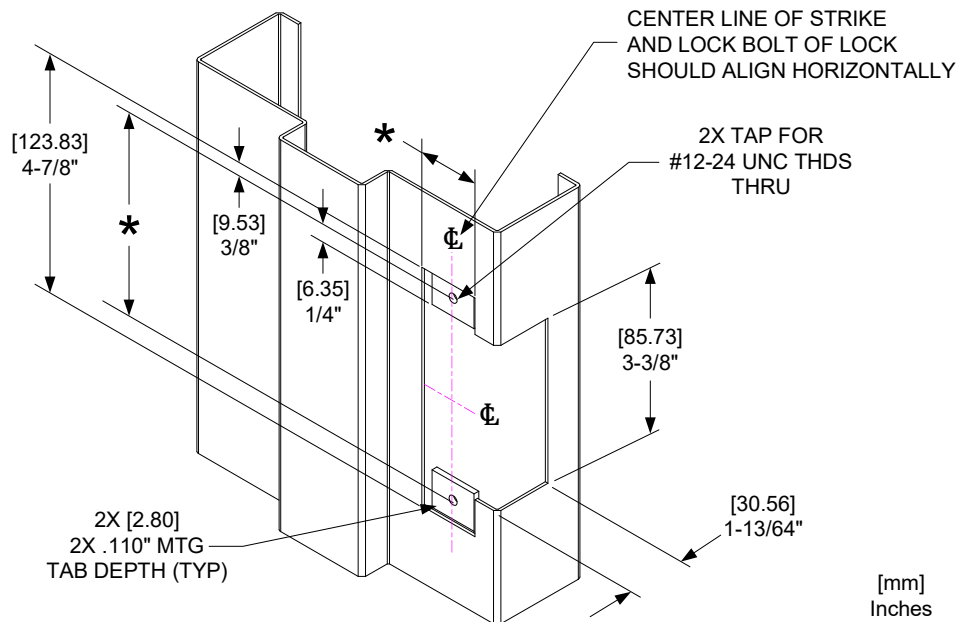


Typical Aluminum Frame with Retrofit Mounting Tabs



**HOLLOW METAL,
SQUARE CORNER
FACEPLATE****45-4S**MATERIAL THICKNESS = [2.80]
[.110"]**ALUMINUM
RADIUS CORNER
FACEPLATE****45-4R**MATERIAL THICKNESS = [2.80]
[.110"]**ALUMINUM / WOOD
RADIUS CORNER FACEPLATES****45-6R**

MATERIAL THICKNESS = .110"

45-7R**45 SERIES ELECTRIC STRIKE FRAME PREPARATION
FOR HOLLOW METAL FRAMES*** = SIZE DEPENDANT ON
MODEL ORDERED