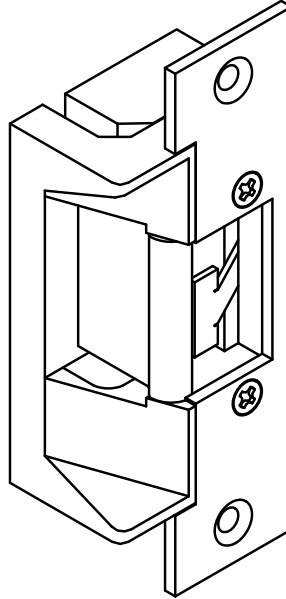


SDC Security Door Controls

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INSTALLATION INSTRUCTIONS 45F-4SU SERIES ELECTRIC STRIKES



MODELS:

- 45F-4SU – 4.875" (124mm) Square corners for hollow metal frames.

FEATURES:

- For 9/16" latch or 3/4" latch with 1/8" door gap.
- **Latch bolt monitor standard.**
- **Keeper closed & deadlocked standard.**
- Field selectable failsafe / failsecure.
- 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 Listed 1034 Burglary Resistant.
- UL 10C, 3 Hr Fire Rated (Fail-Secure only).
- U.S. Patent #7,540,542 B2

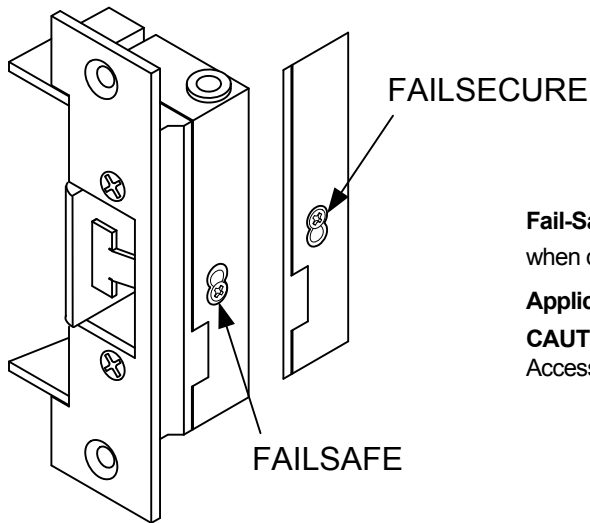
OPERATION:

Fail-Secure (Power-to-Unlock): Unlocked when energized.
Locked 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.

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

Failsecure standard. Field adjustable from Failsecure to Failsafe as shown.

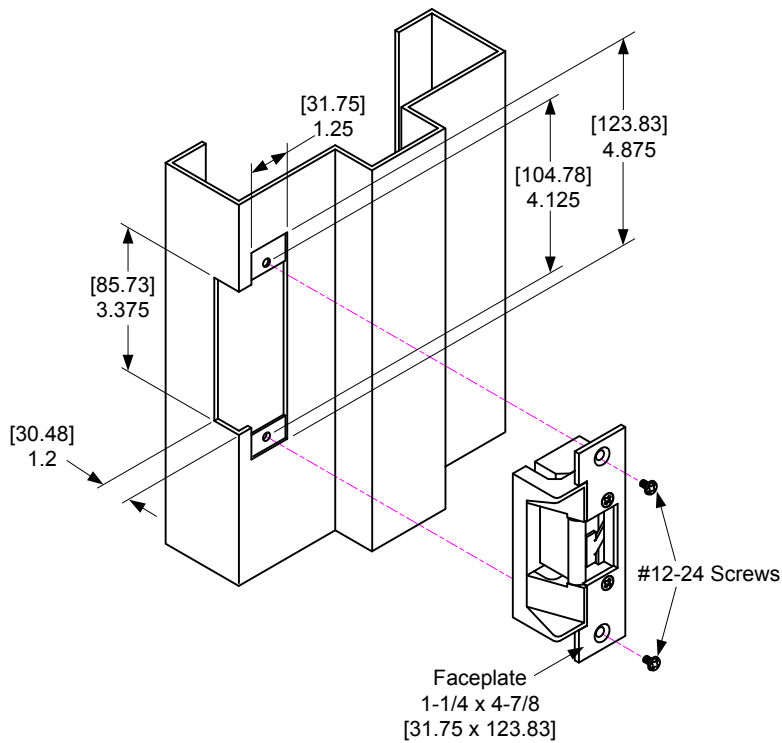


Fail-Safe (Power-to-Lock): Locked when energized. Unlocked when de-energized and during power failure.

Application: Non-fire rated doors only.

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

Typical Hollow Metal Frame

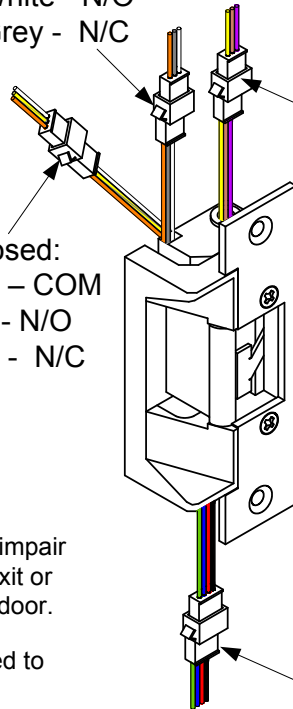


Electrical Data:

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

Latch Status: Orange - COM
White - N/O
Grey - N/C

Keeper-Open/Closed:
Wht/Blk - COM
Yel/Blk - N/O
Org/Blk - N/C



Monitoring:

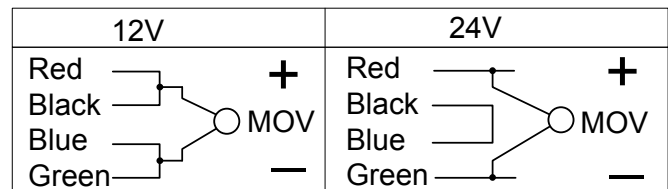
- **Latch Status:** SDPT, dry 3Amp @ 30V (standard)
- **Keeper Closed and Deadlocked** (standard)
- **Keeper Open/Closed Status:** SPDT, Dry 3Amp @ 30V (optional)

Keeper/Deadlocked: Purple - COM
Brown - N/O
Yellow - N/C

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.

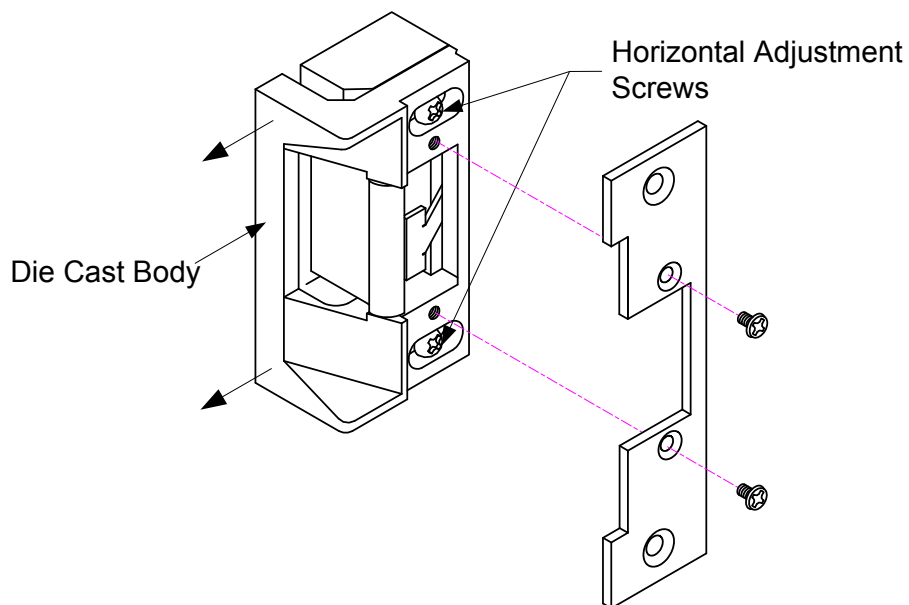
Wire leads must not be connected to conductors larger than 18AWG



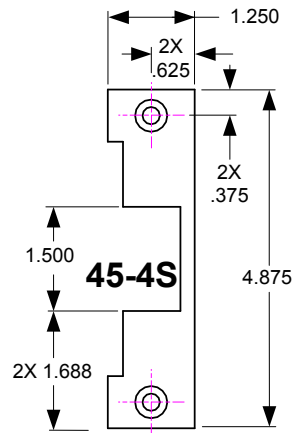
Solenoid: Black, Red, Blue & Green

Horizontal Adjustment

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



HOLLOW METAL, SQUARE CORNER FACEPLATE



MATERIAL THICKNESS = .110

45F SERIES ELECTRIC STRIKE FRAME PREPARATION FOR HOLLOW METAL FRAMES

