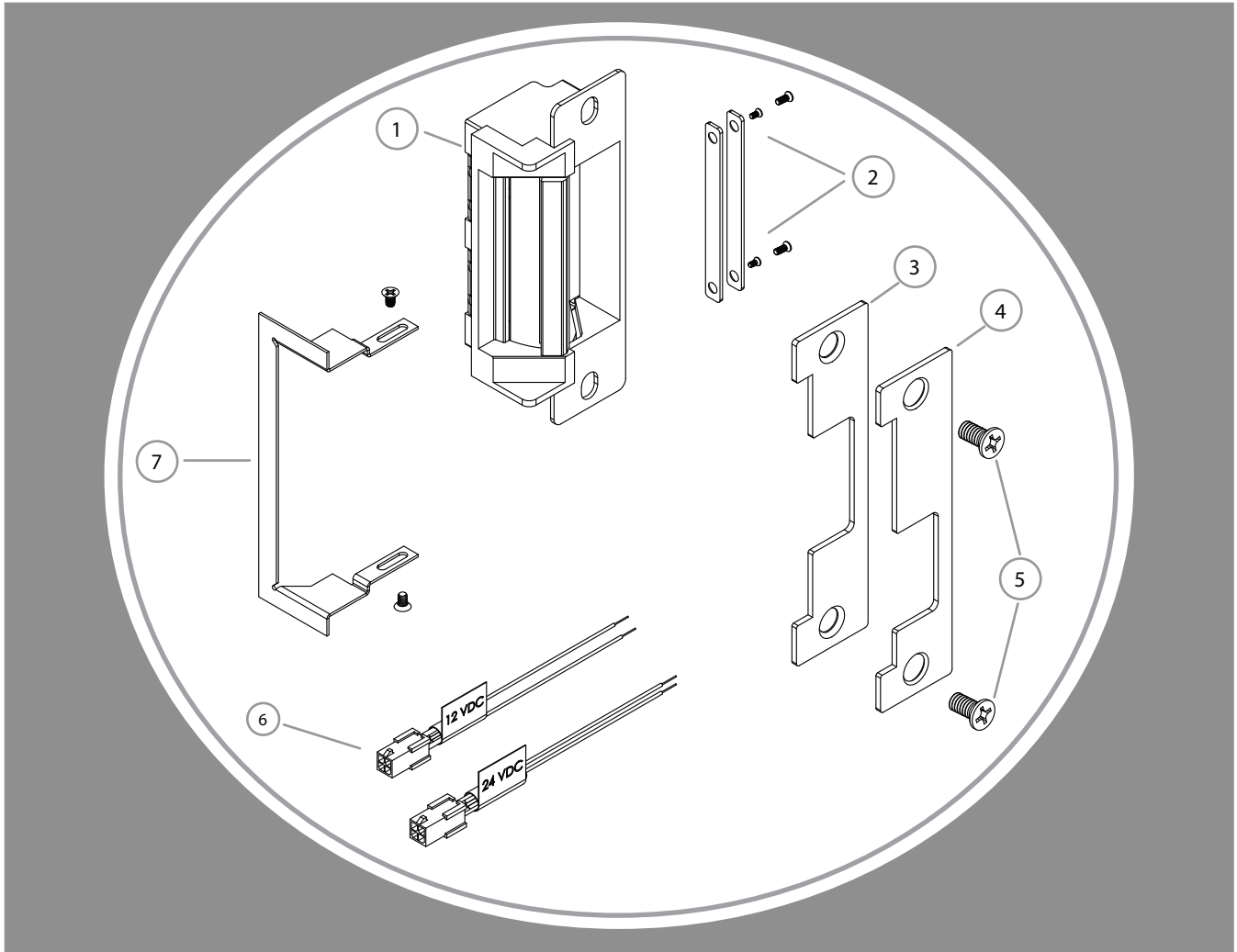


Product Components

- ① 4500 Electric Strike Body
- ② Keeper Shims & Screws (#4-40 x 1/8" and #4-40 x 3/16")
- ③ Centerlined and Non Handed Faceplate for Cylindrical Locksets
- ④ Offset and Non Handed Faceplate for Mortise Locksets
- ⑤ #12-24 x 1/2" Mounting Screws
- ⑥ 12 & 24 Volt Plug In Connectors
- ⑦ Trim Enhancer & Screws



Electrical Specifications

ELECTRICAL RATINGS FOR SOLENOID	CONTINUOUS DUTY		INTERMITTENT DUTY*	
	12VDC	24VDC	12-16VAC	24VAC
Resistance in Ohms	50	200	50	200
Amps	.24	.12	.24-.32	.12
Solenoids are rated at +/- 10% indicated value. *10% max duty cycle (2 min. max on time)				

MINIMUM WIRE GAUGE REQUIREMENTS	SOLENOID VOLTAGE	
	12VDC	24VDC
200 feet or less	18 gauge	20 gauge
200 - 300 feet	16 gauge	18 gauge
300 - 400 feet	14 gauge	16 gauge

Installation Directions

CAUTION! Before connecting any device at the installation site, verify input voltage using a multimeter. Many power supplies and low voltage transformers operate at higher levels than listed. Any input voltage exceeding 10% of the solenoid rating may cause severe damage to the unit and will void the warranty.

Prepare Strike

1. Select the appropriate Plug In Connector that matches system power and electrically connect as illustrated in Diagram 1. For 12V AC/DC or 16V AC, the pigtail marked "12 VDC" should be used. For 24V AC/DC, the pigtail marked "24 VDC" should be used.
2. If using Latchbolt Monitor (LBM) or Latchbolt Strike Monitor (LBSM), see Diagram 2 & 3 on page 3 to complete wiring. State of switch is listed for an unpowered strike and LBM in unactuated (door open) position.
3. Verify that the strike is in the correct mode of operation. This unit ships in Fail Secure mode. If you need to convert to Fail Safe see Diagram 4 on page 3. **NOTE: FAIL SAFE CONVERSION NEGATES FIRE RATING.**

Prepare Frame

4. Prepare frame using appropriate template for your lockset on page 4. Schlage L9000 & Yale 8700 locksets must use the template labeled "Schlage L9000 & Yale 8700 Locks Only." All other locksets should use the template labeled "CYLINDRICAL LOCKSET" or "MORTISE LOCKSET."

Finish Installing

5. Choose the appropriate faceplate for the strike as illustrated in Diagram 5 on page 3.
6. Connect wires from the power source to the strike.
7. Install the electric strike unit in jamb cutout, using #12-24 x 1/2" Mounting Screws provided.
8. If horizontal adjustment is needed, see Diagram 6 on page 3.

DIAGRAM 1: 12V to 24V CONVERSION

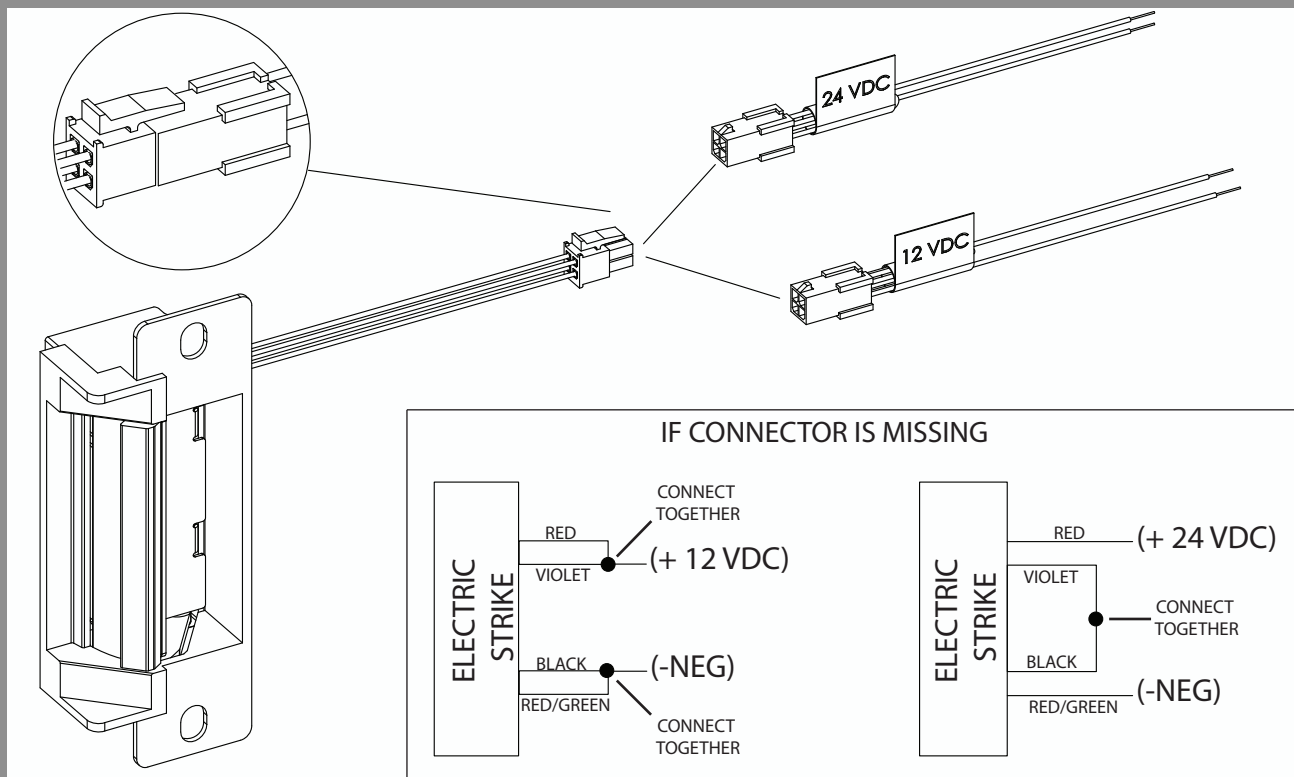


DIAGRAM 2: LATCHBOLT MONITOR

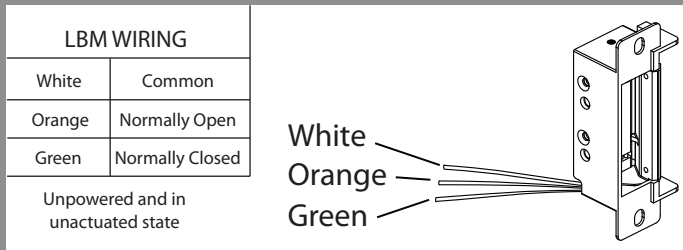


DIAGRAM 3: STRIKE MONITOR

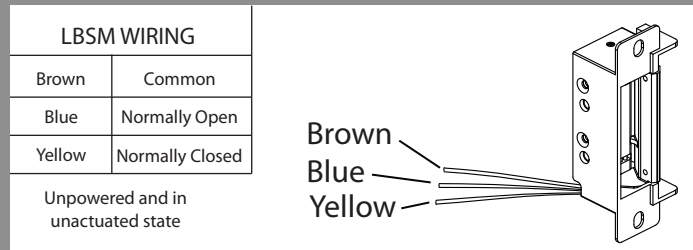
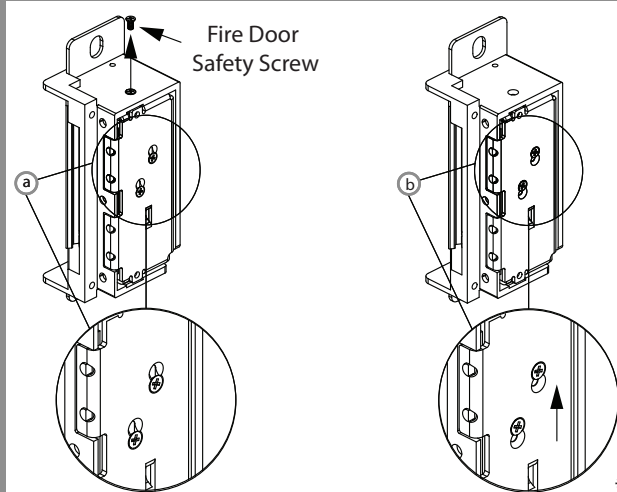


DIAGRAM 4: FAIL SAFE CONVERSION*



Convert Mode

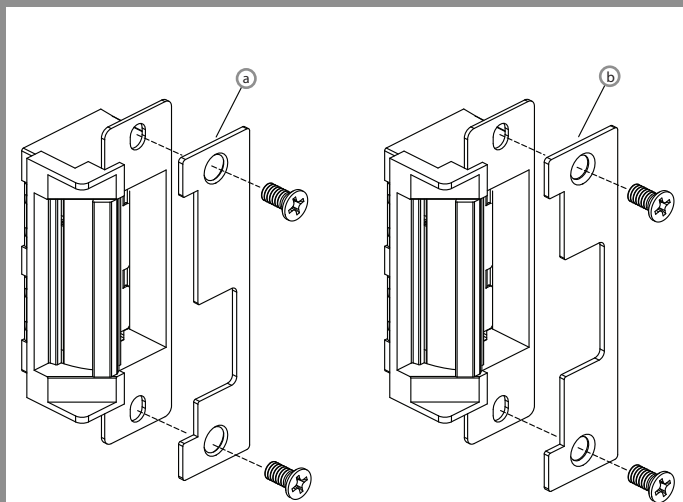
- Remove the Fire Door Safety Screw as illustrated.
- Loosen the two #2-56 screws located on the back of the strike as shown above, but do not remove them.
- Move screws from the bottom of the hole (fail secure position) to the top hole (fail safe position) and re-tighten.

Verify

- Verify the strike is now in the Fail Safe operation mode. If the strike still operates as Fail Secure, be sure screws are fully seated in the top position.

*USING THE 4500 FOR FAIL SAFE OPERATION NEGATES FIRE RATING

DIAGRAM 5: FACEPLATE OPTIONS



a. A Non-Handed offset faceplate is provided for use with mortise locksets. The mortise lock deadlatch should be depressed by the faceplate when the door is closed.

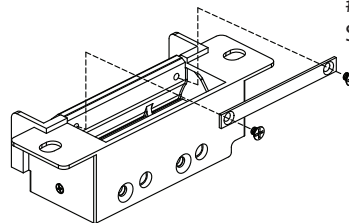
b. A Non-Handed center-lined faceplate is provided for use with cylindrical locksets

DIAGRAM 6: HORIZONTAL ADJUSTMENT

If horizontal adjustment is needed, 1 or 2 keeper shims can be added as illustrated below.

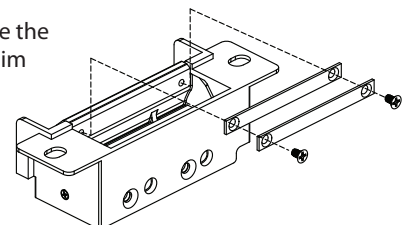
One Shim

If adding a single shim use the #4-40 x 1/8" Keeper Shim Screws.

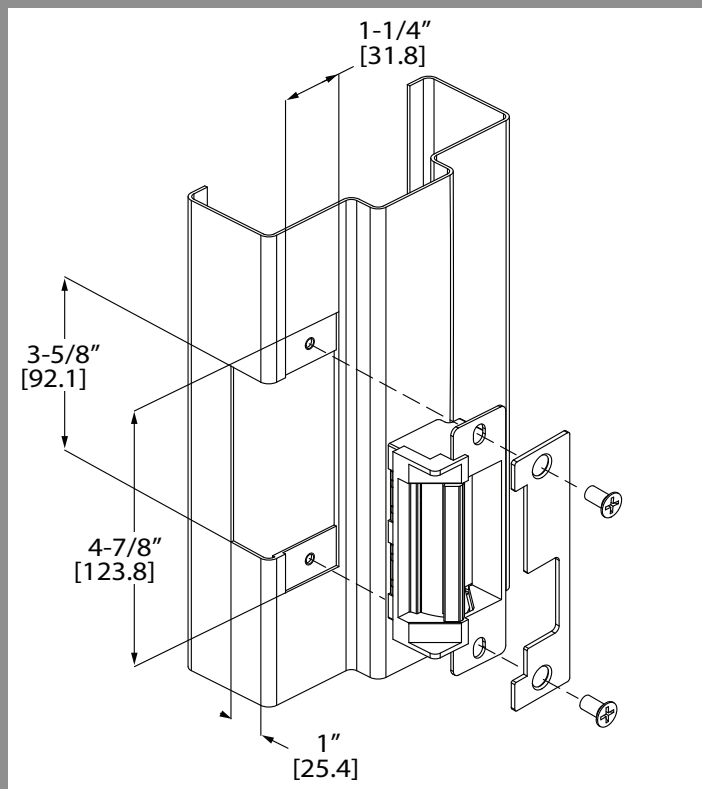


Both Shims

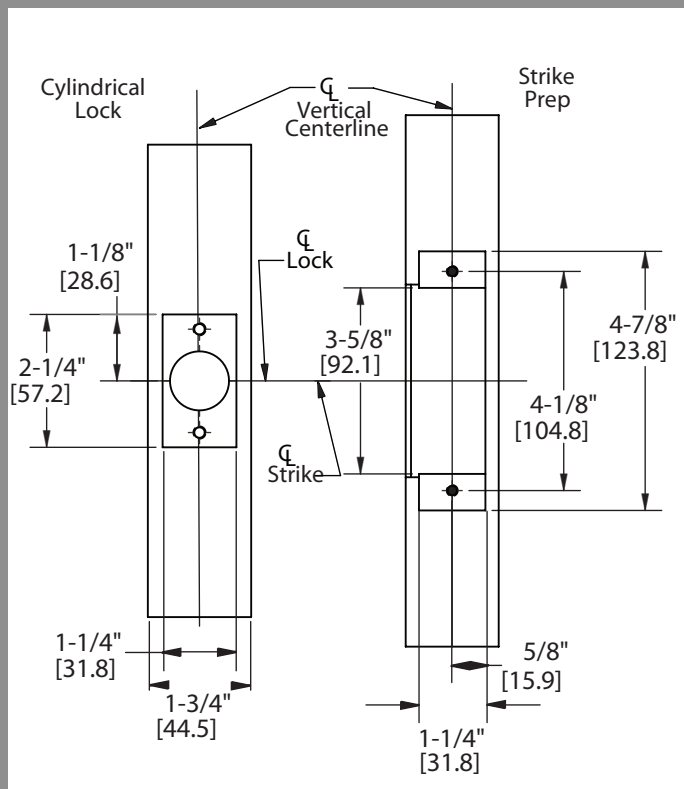
If adding both shims use the #4-40 x 3/16" Keeper Shim Screws.



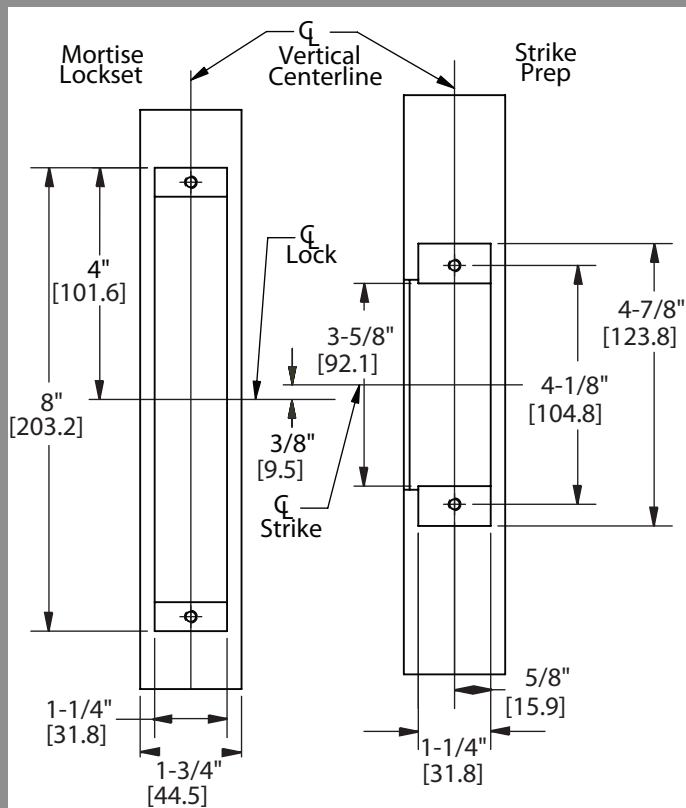
JAMB CUTOUT DIMENSIONS



4500 WITH CYLINDRICAL LOCKSETS



4500 WITH MORTISE LOCKSETS



SCHLAGE L9000 & YALE 8700 LOCKS ONLY

