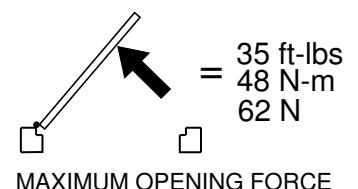
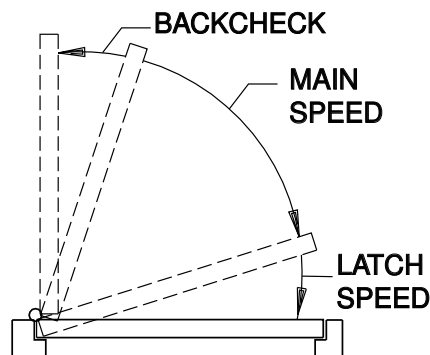
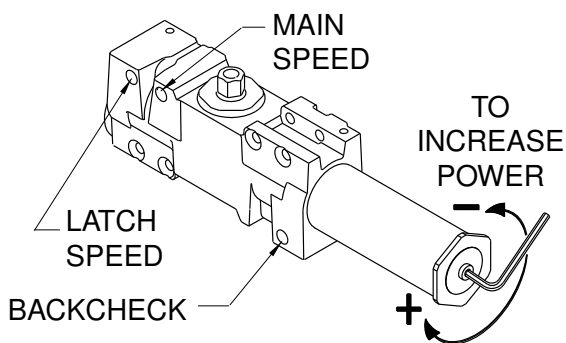
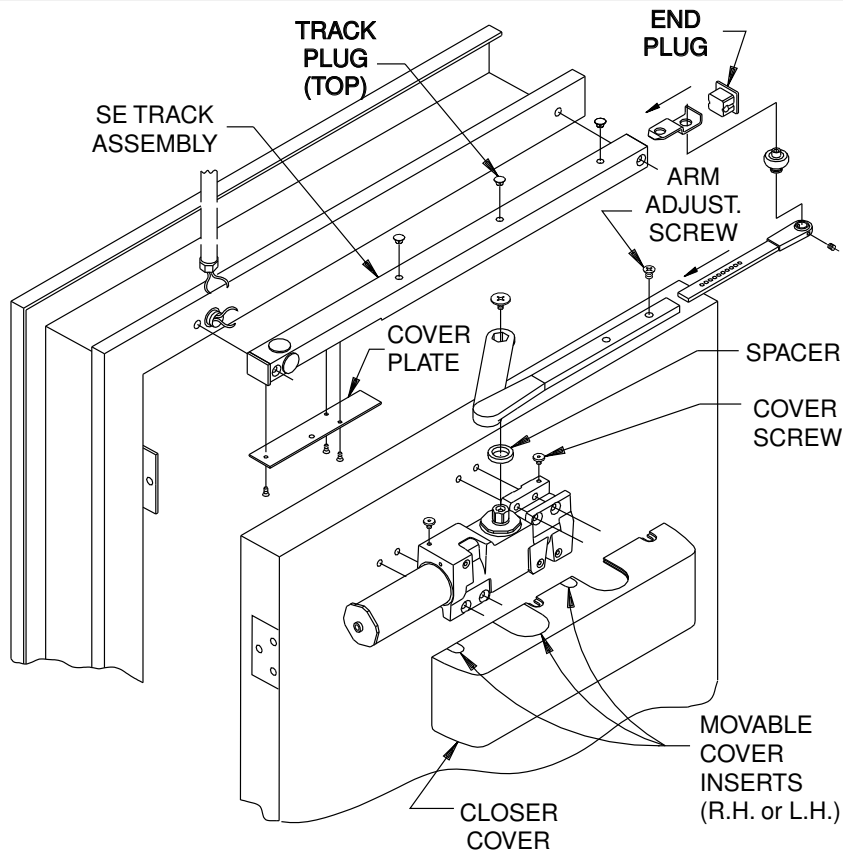


4040 - SE DOUBLE EGRESS INSTRUCTION SHEET

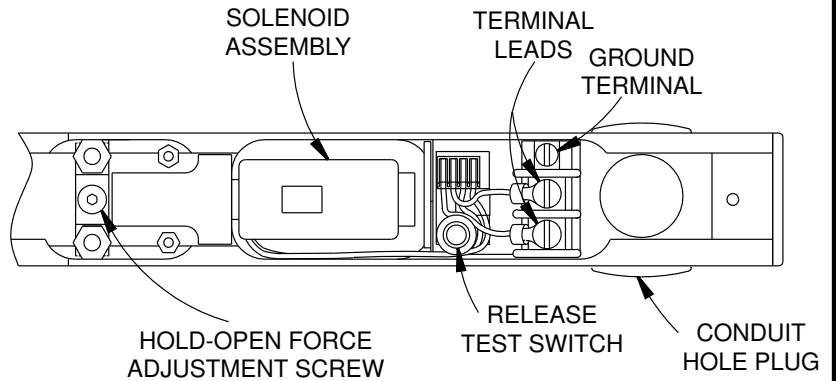
1. This closer features mounting options for both **standard** and **step - down** double egress frames. Before beginning, determine which type of mounting best applies to your application or has been specified for the job, then be sure to use the proper template.
2. The voltage shown on the track cover plate must match voltage supplied to door frame (24V or 120V). If **concealed wiring** is desired, prepare the frame to specifications shown on the corresponding template. If **surface wiring** is desired, be sure to mount track on frame **before** running any EMT / conduit.
3. Insert proper track plugs into top of the track. Using fasteners provided, mount track on frame to the dimensions of the template being used. Make the electrical connections (see pg. 2).
4. Before mounting closer, the spring power may need adjusting. Refer to the label on the closer spring tube. The 4040 SE DE series comes preset as a size 3. This will control a door up to 38" wide. If door is wider than 38", adjust closer as shown (see illustration below) up to 7 full turns. Starting the cover screws at this point is recommended. Using fasteners provided, mount closer on door to the dimensions of the template being used.
5. **ARM INSTALLATION:** Place arm spacer over top shaft of closer. Install arm as follows: Place arm hub over top closer shaft, parallel with door. Rotate arm away from door until flats in arm hub line up with first available flats of shaft. Slide arm hub onto closer shaft. Insert shaft screw and tighten securely.
6. Loosen the set screw in arm. Connect arm to track roller, and tighten set screw firmly.
7. **To adjust hold-open position of door:** Remove screw in the adjustable arm and open door to desired position. Re-insert screw and tighten securely.
8. **REGULATION:** Do not allow door to slam into frame. A "normal" closing time from a 90° position is 5 to 7 seconds, evenly divided between **MAIN** and **LATCH SPEED**. If adjustments are needed, use socket screw key furnished. To adjust **MAIN SPEED**, turn regulating screw (see illustration) clockwise to slow speed or c.c.w. to increase speed. **LATCH SPEED** is adjusted in the same way. When adjusting **BACKCHECK**, use least amount necessary to retard swing of door sufficiently. To adjust **BACKCHECK**, turn regulating screw clockwise to increase the amount of force or c.c.w. to reduce the amount of force. **DO NOT USE AN ABRUPT BACKCHECK SETTING OR EXPECT THE DOOR CLOSER TO ACT AS A STOP!**
9. With the door open slightly, place the cover on the closer and hold it firmly against the door while tightening the cover screws securely.



SE MOUNTING

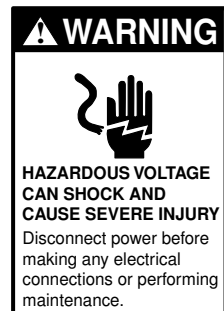


HOLD OPEN FORCE ADJUSTMENT: Locate hold-open adjustment screw in diagram to the right. For greater hold open force, insert socket screw key wrench (included in screwpack) and turn clockwise. To decrease amount of hold open force, turn screw counter-clockwise. Maximum of 4 turns.



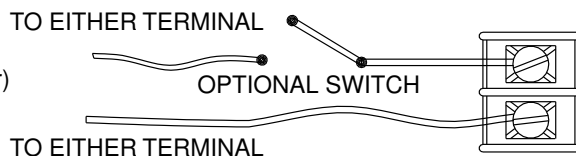
ELECTRICAL CHECKOUT:

1. With power on, open door completely. Door should remain in open position. If door does not stay open, check electrical input.
2. Push release test switch. Door should close immediately. Open the door to hold-open position and let it remain there.
3. System should be checked at frequent intervals. It is suggested that step 2 be repeated every 90 days.



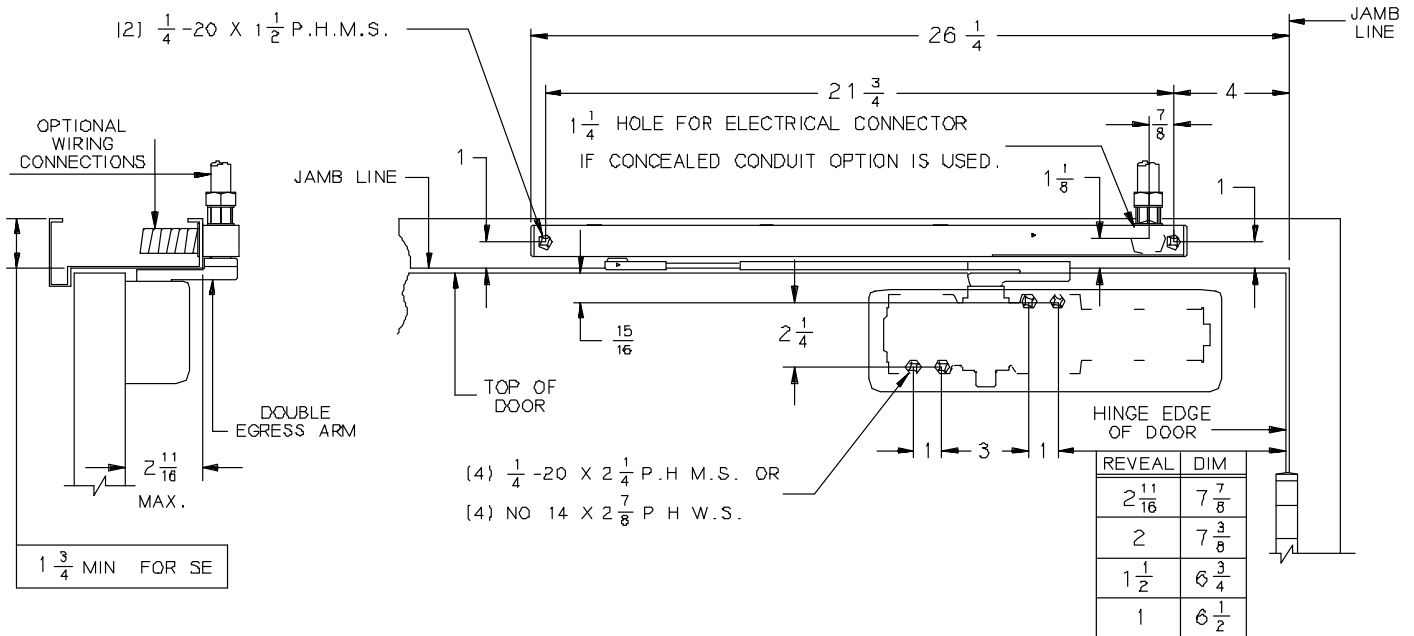
WIRING DIAGRAM - POLARITY NOT IMPORTANT

INPUT VOLTAGE:
24V AC/DC OR 120V AC/DC
(usually from alarm panel or detector)
FOR 12V AC/DC wiring
consult factory

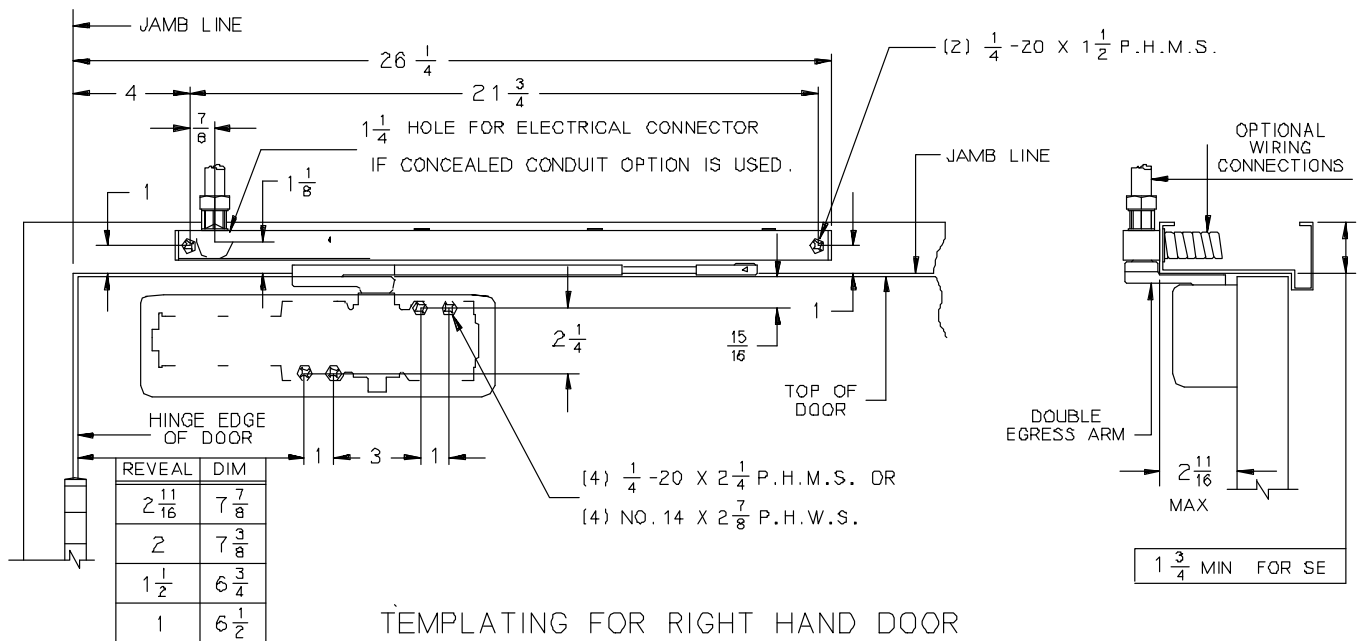


4040SE-DE

4040 SE DE UP TO 95° HOLD OPEN
AUXILIARY STOP RECOMMENDED



TEMPLATING FOR LEFT HAND DOOR



TEMPLATING FOR RIGHT HAND DOOR

NOTES:

- 1 - VOLTAGE SUPPLIED MUST MATCH VOLTAGE SHOWN ON SENTRONIC® LABEL.
- 2 - IF DOOR IS HUNG ON PIVOTS OR SWING CLEAR HINGES, CONSULT FACTORY
- 3 - FLOOR OR WALL STOPS MUST BE USED
- 4 - FOR $7 \frac{1}{4}$ OR LESS DOUBLE EGRESS FRAMES. REVEAL NOT TO EXCEED $2 \frac{11}{16}$.
- 5 - $\frac{1}{8}$ DOOR TO SOFFIT CLEARANCE REQUIRED
- 6 - REINFORCING PER ANSI/SDI-100 RECOMMENDED FOR HOLLOW METAL DOORS AND FRAMES.
- 7 - MAXIMUM BUTT HINGE SIZE 5" X 5".

INCH	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{7}{8}$	$\frac{15}{16}$	1	$1 \frac{1}{8}$	$1 \frac{1}{4}$	$1 \frac{1}{2}$
M.M.	3	6	22	24	25	29	32	38
INCH	$1 \frac{3}{4}$	2	$2 \frac{1}{4}$	$2 \frac{11}{16}$	$2 \frac{7}{8}$	3	4	5
M.M.	44	51	57	68	73	76	102	127
INCH	$6 \frac{1}{2}$	$6 \frac{3}{4}$	$7 \frac{1}{4}$	$7 \frac{3}{8}$	$7 \frac{7}{8}$	$21 \frac{3}{4}$	$26 \frac{1}{4}$	
M.M.	165	171	184	187	200	552	667	

DOOR HOLDER SOLENOID DATA

24VAC - DC Nominal = 10% - 15% @ .090 Amp. Max.
120 VAC - DC Nominal = 10% - 15% @ .030 Amp Max.

WARNING



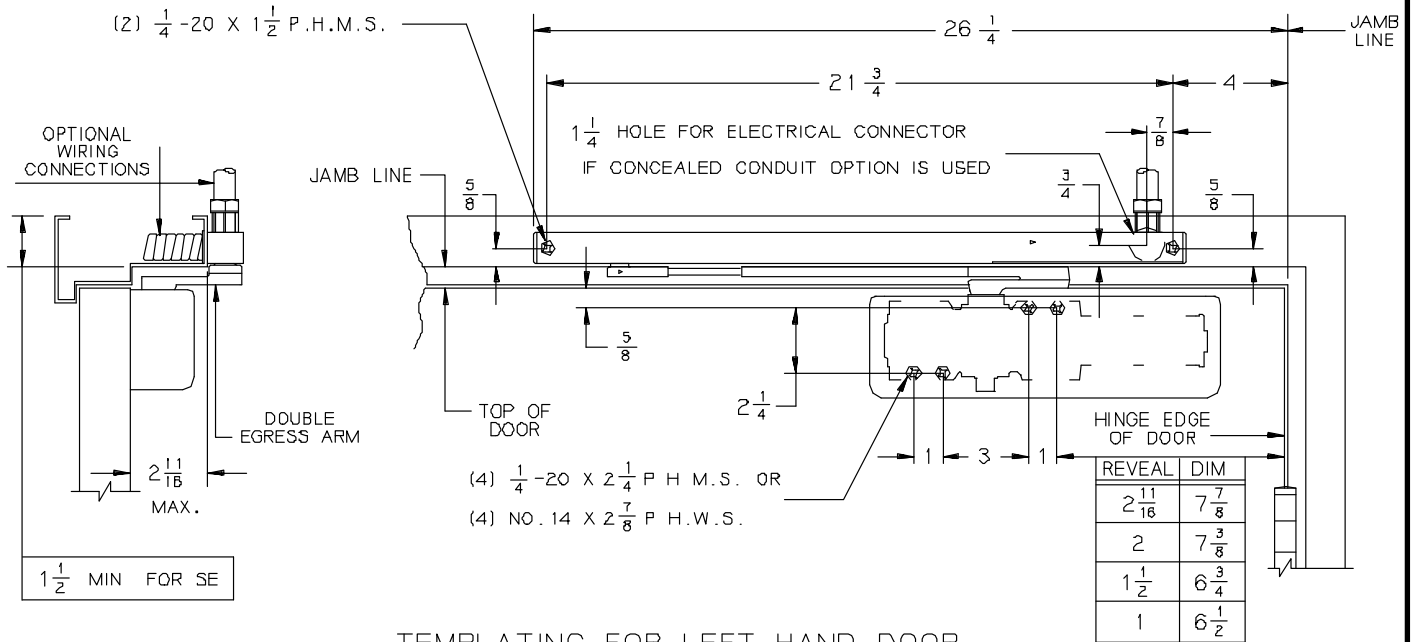
**HAZARDOUS VOLTAGE
CAN SHOCK AND
CAUSE SEVERE INJURY**
Disconnect power before
making any electrical
connections or performing
maintenance.

LCN®
1-800-526-2400

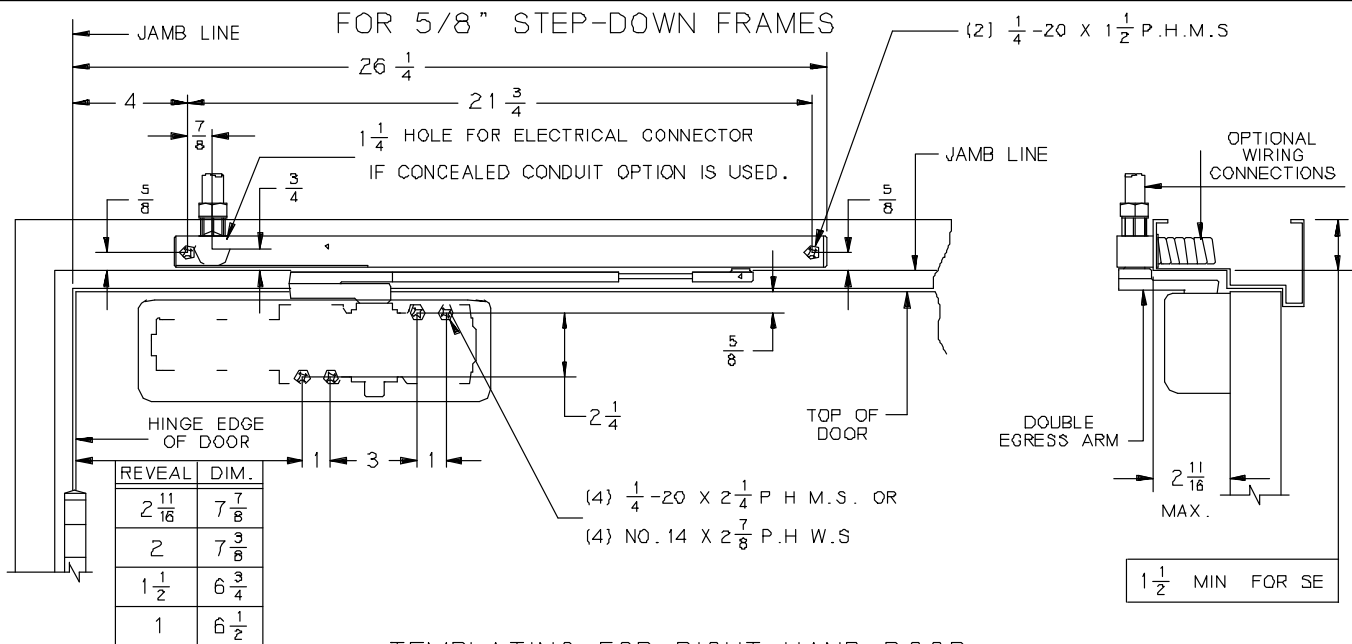
4040SE-DE

FOR 5/8" STEP-DOWN FRAMES

4040 SE DE UP TO 95° HOLD OPEN
AUXILIARY STOP RECOMMENDED



TEMPLATING FOR LEFT HAND DOOR



TEMPLATING FOR RIGHT HAND DOOR

NOTES

- 1 - VOLTAGE SUPPLIED MUST MATCH VOLTAGE SHOWN ON SENTRONIC® LABEL
- 2 - IF DOOR IS HUNG ON PIVOTS OR SWING CLEAR HINGES, CONSULT FACTORY.
- 3 - FLOOR OR WALL STOPS MUST BE USED.
- 4 - FOR 7 $\frac{1}{4}$ OR LESS DOUBLE EGRESS FRAMES REVEAL NOT TO EXCEED 2 $\frac{11}{16}$
- 5 - $\frac{1}{8}$ DOOR TO SOFFIT CLEARANCE REQUIRED.
- 6 - REINFORCING PER ANSI/SDI-100 RECOMMENDED FOR HOLLOW METAL DOORS AND FRAMES
- 7 - MAXIMUM BUTT HINGE SIZE 5" x 5"

INCH	$\frac{1}{8}$	$\frac{1}{4}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$	1	1 $\frac{1}{4}$	1 $\frac{1}{2}$
M.M.	3	6	16	19	22	25	32	38

INCH	1 $\frac{3}{4}$	2	2 $\frac{1}{4}$	2 $\frac{11}{16}$	2 $\frac{7}{8}$	3	4	5
M.M.	44	51	57	68	73	76	102	127

INCH	6 $\frac{1}{2}$	6 $\frac{3}{4}$	7 $\frac{1}{4}$	7 $\frac{3}{8}$	7 $\frac{7}{8}$	21 $\frac{3}{4}$	26 $\frac{1}{4}$
M.M.	165	171	184	187	200	552	667

DOOR HOLDER SOLENOID DATA

24VAC - DC Nominal = 10% - 15% @ .090 Amp. Max.
120 VAC - DC Nominal = 10% - 15% @ .030 Amp Max.

WARNING



**HAZARDOUS VOLTAGE
CAN SHOCK AND
CAUSE SEVERE INJURY**

Disconnect power before
making any electrical
connections or performing
maintenance.

LCN®
1-800-526-2400