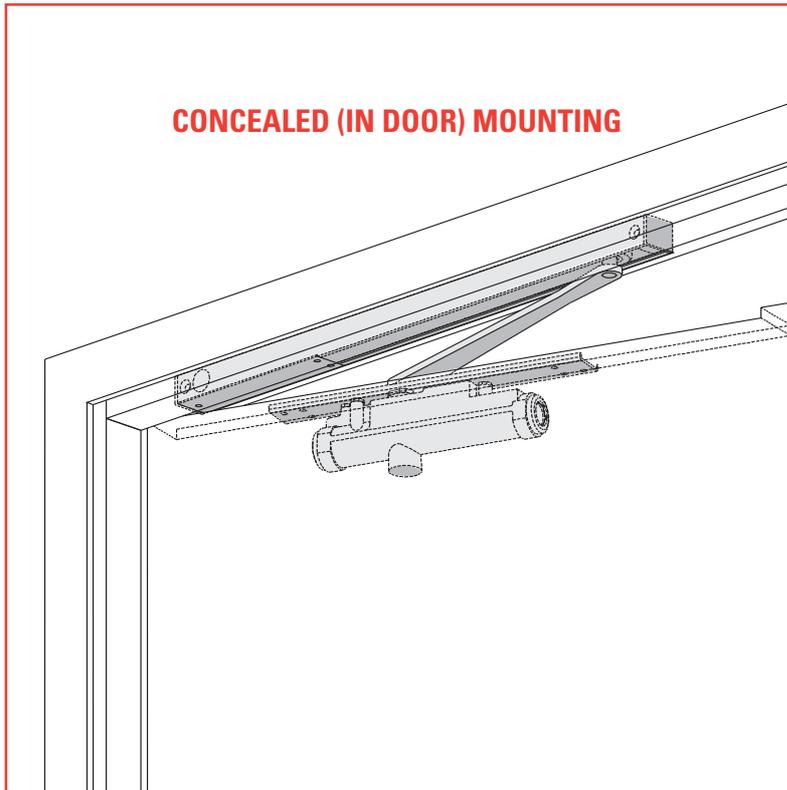


# LCN 3130SE SERIES



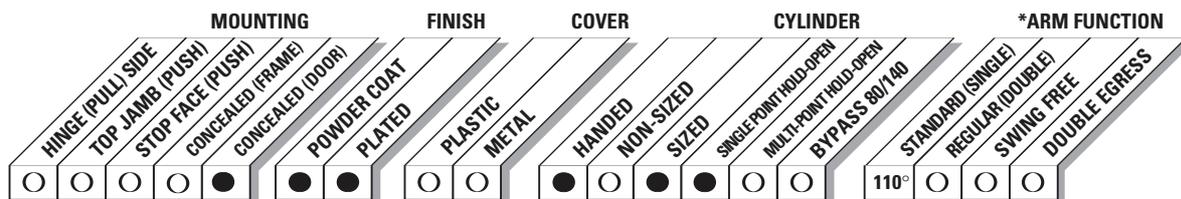
**CONCEALED (IN DOOR) MOUNTING**

*The 3130SE SENTRONIC® is a concealed in the door, closer/holder designed to provide single point hold-open for fire and smoke barrier doors. Door is held open until current interruption releases the holding mechanism and the door closes. Single lever (track) arm closer is specifically designed for interior doors.*

*The 3130SE and SEL Series is UL listed for metal smoke barrier or labeled fire doors.*

- ▶ Standard 3130SE series closer shipped with a standard arm, 24V or 120V SE track (please specify), track roller, and wood and machine screw pack. See 3130SE Series page 15 for options.
- ▶ Sized cylinders for interior doors to 4'0".
- ▶ Functions as full rack and pinion door closer when hold-open is not engaged or current is interrupted.
- ▶ Handed for right or left swinging door.
- ▶ Interfaces with fire alarm systems. Consult factory.
- ▶ Standard or optional custom powder coated finish.
- ▶ Optional plated finish on arm and fasteners.

*Door and frame manufacturer must have preparation included in their UL procedures. Tested and certified under ANSI Standard A156.15. Conforms to life safety code, NFPA 101.*



● Available  
○ Not available

\* Maximum hold-open with standard template. See individual closer series for degrees of opening and hold-open per installation.

# LCN 3130SE SERIES

## CONCEALED MOUNTING

For interior smoke barrier and labeled fire doors.

## MAXIMUM OPENING

Templating allows 110°.

Hold-open points between 85° and 110° in approximately 3° increments.

SEL arm and track locate hold-open at 110°, 120° and 130°.

## SE, SEL ELECTRICAL OPTIONS

These track assemblies require a single power circuit for the holding solenoid.

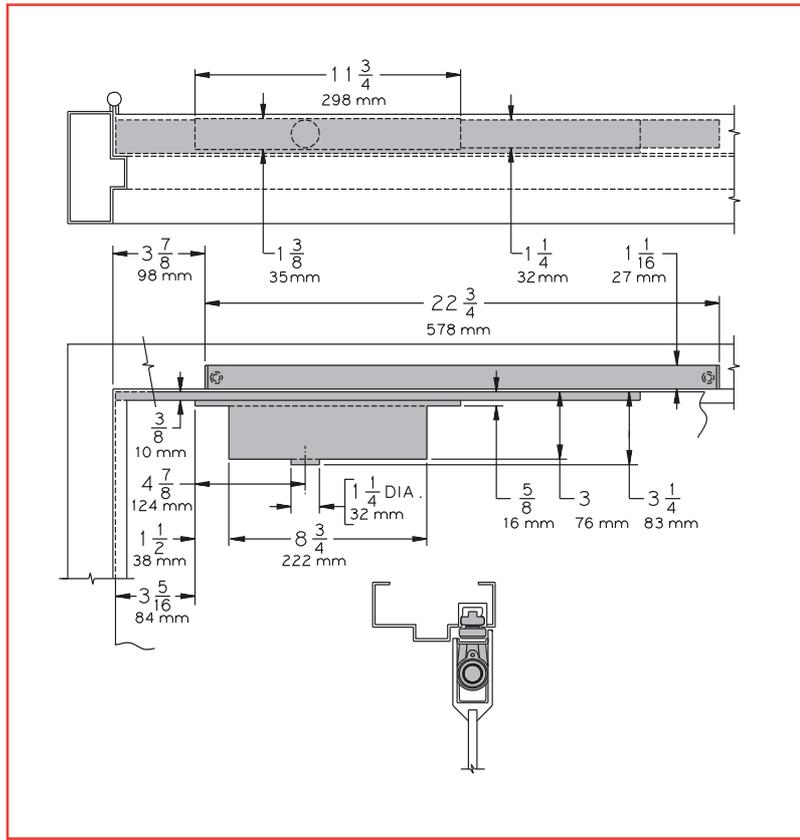
SE or SEL holding solenoid is either 24V or 120V input, please specify.  
 An optional 4040SE-3210 TRANSFORMER reduces 120V AC line voltage to 24V AC.  
 Circuitry accepts either AC or DC input.

### Options

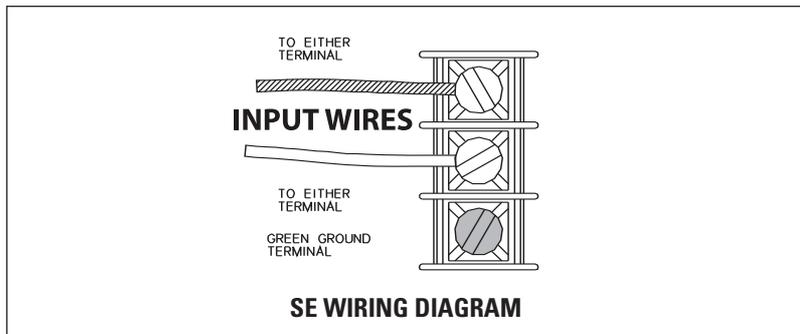
- ▶ Long (SEL) track and arm.
- ▶ 24V or 120V input, please specify.

### Special Templates

Customized installation templates or products may be available to solve unusual applications. Contact LCN for assistance.



- ▶ **Butt Hinges** should not exceed 5" (127 mm) in width. Consult factory for pivot hung installations.
- ▶ **Auxiliary Stop** is recommended at hold-open point.
- ▶ **Top Rail** minimum 4" (102 mm).
- ▶ **Door Thickness** 1 3/4" (44 mm) minimum. Please consult the door manufacturer to assure that the door integrity and warranty is maintained after installing the 3130SE series door closer in 1 3/4" (44 mm) thickness wood doors.
- ▶ **Door Width** 2'4" (711 mm) minimum for single door with SE. 2'8" (813 mm) minimum for door with SEL.
- ▶ **Wiring Diagram**



# LCN 3130SE SERIES

## CYLINDER

### SE CYLINDER, 3130SE-3071

Standard, handed cast iron cylinder assembly.

For various applications see "Table of Sizes" on 3130SE Series page 16.

## ARM

### STANDARD ARM, 3130SE-3077T

Handed arm. Arm adjustable to select hold-open point.

### LONG ARM, 3130SEL-3077T

Optional, solid arm provides hold-open point from 110° to 130°, determined by track templating.

Used with SEL TRACK 3130SEL-3038 only.

## TRACKS

### SE TRACK, 3130SE-3038

Standard, non-handed track.

Circuitry accepts either AC or DC input.

24V holding solenoid (**24**) or

120V holding solenoid (**120**), please specify.

### SEL TRACK, 3130SEL-3038

Optional, long non-handed track.

Used with LONG ARM, 3130SEL-3077T, only.

Circuitry accepts either AC or DC input.

24V holding solenoid (**24**) or

120V holding solenoid (**120**), please specify.

## SWITCH

### TEST SWITCH, 3130SE-3436

## INSTALLATION ACCESSORIES

### CONDUIT QUICK-CONNECTOR, 3130SE-81

Two piece connector for use with 1/2" conduit.

See page 21 for illustration.

### TRACK ROLLER, 3130SE-3034

Quiet, low friction roller assembly.

Shoulder dimension "X" = 1/8" (3 mm).

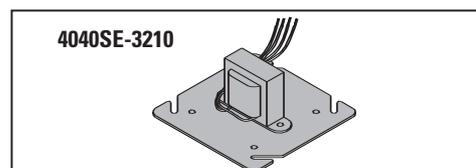
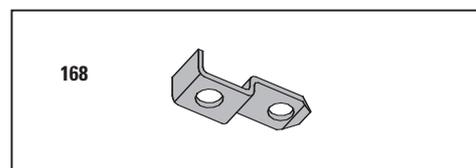
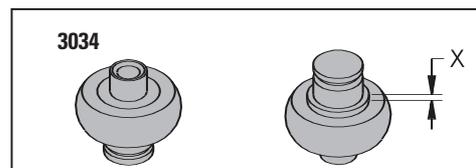
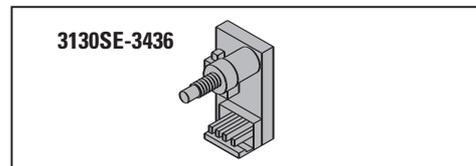
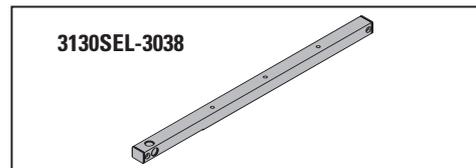
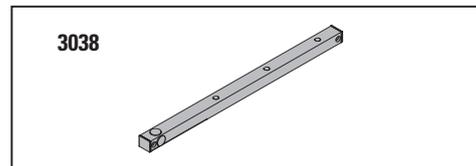
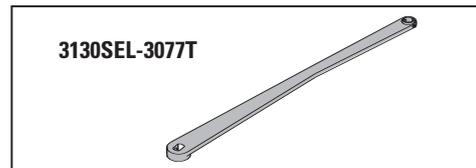
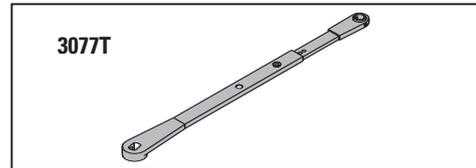
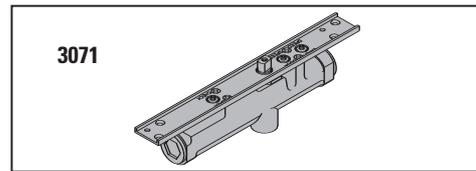
### TRACK SLIDER, 3130SE-168

Alloy metal slider for use in SE series tracks only.

### TRANSFORMER, 4040SE-3210

Reduces line voltage from 120V to 24V AC.

Mounted on plate for 4" (102 mm) x 4" x 2 1/8" (54 mm) junction box (by others).

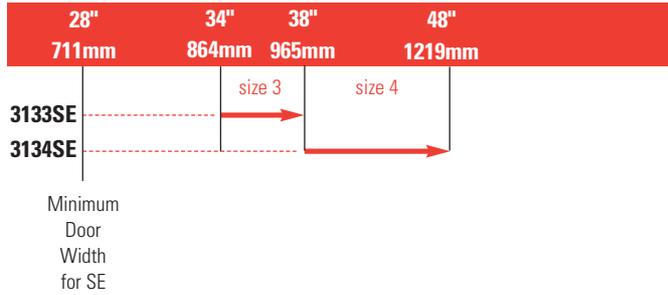


# LCN 3130SE SERIES

**TABLE OF SIZES** Select closer based on width of door.  
Sized 3130SE series cylinders available in size 3 or 4.  
Closing power of all 3130SE Series closers is not adjustable.

→ Indicates recommended range of door width for closer size.  
Note: For SE, minimum door width 28" (711mm).  
For SEL, minimum door width 32" (813mm).

## INTERIOR DOOR WIDTH



## HOW-TO-ORDER 3130SE SERIES CLOSERS

### 1. SELECT CYLINDER SIZE.

- 3133SE
- 3134SE

### 2. SPECIFY HAND.

- RH
- LH

### 3. SELECT TRACK.

- SE
- SEL (requires long arm)

### 4. VOLTAGE

- 24V AC/DC
- 120V AC/DC

### 5. SPECIFY FINISH.

- Standard Powder Coat \_\_\_\_\_  
Aluminum, Dark Bronze, Statuary,  
Light Bronze, Black, Brass.

#### **Closer will be shipped with:**

- STANDARD ARM,
  - TRACK ROLLER,
  - STANDARD TRACK,
  - WOOD & MACHINE SCREW PACK,
- unless options listed below are selected.*

## CLOSER OPTIONS

### ARM

- Long Arm\* (LONG)  
\* use with SEL track only

### FINISH

- Custom Powder Coat (RAL) \_\_\_\_\_
- Plated Finish, US \_\_\_\_\_

### SCREW PACK

- TORX Machine Screw (TORX)

### INSTALLATION ACCESSORIES

- Transformer, 4040SE-3210

### SPECIAL TEMPLATE

- ST-\_\_\_\_\_