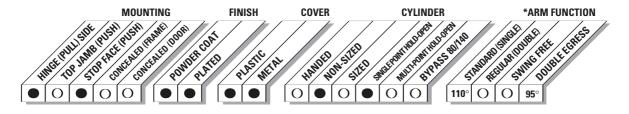


- Standard 4040SE series closer shipped with a standard arm, 24V or 120V (please specify) SE track, standard plastic clip-on cover, and wood and machine screw pack. SEL tracks are optional, see 4040SE Series pages 20 & 21 for options.
- Non-sized cylinders for interior doors to 4'0".
- ► Hold-open force is adjustable.
- Momentary on/off switch board assembly for testing door release also provides over-voltage protection. Field replaceable.
- Functions as a full rack and pinion closer when hold-open is not engaged or current is interrupted.
- Closer mounts on either push or pull side of the door.
- Non-handed for mounting on either right or left hand door.
- Concealed or surface wiring.
- Interfaces with alarm systems. Consult factory for full details.
- Standard or optional custom powder coated finishes on cover and arm.
- Optional plated finishes.

The 4040SE SENTRONIC® is a heavy duty, non-handed, non-sized closer/holder designed to provide single point hold-open for fire and smoke barrier doors. The 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. Choice of finishes, track functions, and installation accessories meet virtually all life safety requirements.

The 4040SE and SEL Series is UL
listed for smoke barrier or labeled fire
doors. cUL listed for self-closing
doors without hold-open. Tested and
certified under ANSI Standard
A156.15. Conforms to life safety
code, NFPA 101.



AvailableNot available

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



## **HINGE (PULL) SIDE MOUNTING**

Information applies to 4040 SE unless otherwise specified.

## **MAXIMUM OPENING**

Templating allows 110°.

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

Pull side mounting on a double egress frame requires a handed double egress arm.

Maximum hold-open to 95°. 2 11/16" (67 mm) maximum reveal on pull side.

SEL track provides hold-open points between 90° and 120°, in approximately 3° increments.

#### **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.

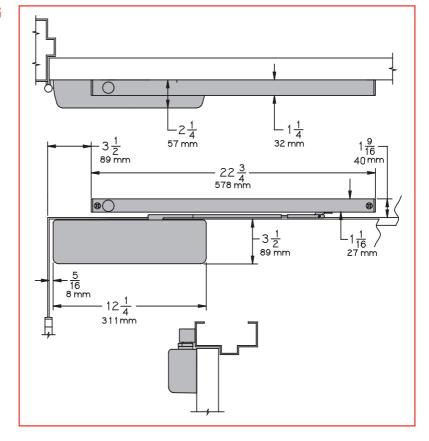
Circuitry accepts either AC or DC input.

#### **Options**

- ► Long (SEL) track.
- ► Handed double egress arm for reveal under 2 11/16" (67 mm).
- ► Metal cover.
- ► 24V or 120V input for SE or SEL, 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.
- Swing Clear Hinges consult factory.
- Auxiliary Stop is recommended at hold-open point.
- ► **Reveal** should not exceed 1/8" (3 mm) for standard arm. Should not exceed 2 11/16" (68 mm) for double egress arm.
- ► **Top Rail** minimum 3 1/2" (89 mm). Installation with PLATE, 4040SE-18 requires SPECIAL TEMPLATE and 1 3/4" (44 mm) minimum top rail.
- ► **Head Frame** requires 2" (51 mm) minimum.
- ► **Flush Ceiling** with 2" (51 mm) head frame does not require special templating.
- ▶ Door Width 2'4" (711 mm) minimum for single door with SE. 4'8" (1422 mm) minimum for paired doors with SE.
- ► **Clearance** of 2 3/8" (60 mm) behind door required for 90° installation.
- ► **Wiring Diagram** See "FIRE/LIFE SAFETY" section page 19 for typical wiring and electrical diagram.



## STOP FACE (PUSH SIDE) MOUNTING

Information applies to 4040 SE closers unless otherwise specified.

## **MAXIMUM OPENING**

Templating allows 110°.

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

SEL track provides hold-open points between 90° and 120°, in approximately 3° increments.

### 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.

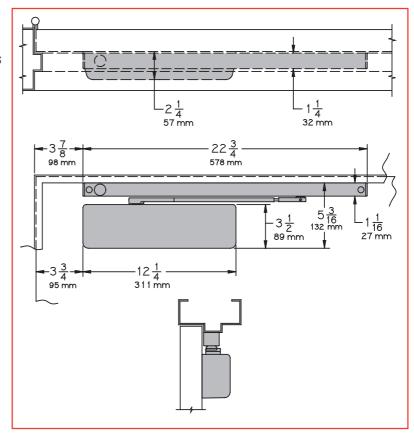
Circuitry accepts either AC or DC input. ightharpoonup

## **Options**

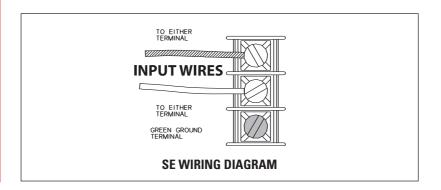
- ► Long (SEL) track.
- ► Metal cover.
- 24V or 120V input for SE or SEL, please specify.

#### **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.
- Auxiliary Stop is recommended at hold-open point.
- ► **Top Rail** minimum 5 3/4" (146 mm). Installation with PLATE, 4040SE-18PA requires SPECIAL TEMPLATE and 2" (51 mm) minimum top rail.
- ► **Stop Width** 1 1/4" (32 mm) minimum.
- ► **Door Width** 2'4" (711 mm) minimum for single door with SE. 4'8" (1422 mm) minimum for paired doors with SE.
- Wiring Diagram





## **CYLINDER**

## **CYLINDER, 4040SE-3071**

Standard, non-handed cast iron cylinder assembly.

## **COVERS**

#### **COVER, 4040SE-72**

Standard, non-handed plastic clip-on cover.

#### **METAL COVER, 4040SE-72MC**

Optional, handed cover. Required for plated finishes and custom powder coat finishes.

#### **ARMS**

#### STANDARD ARM, 4040SE-3077T

Non-handed arm, adjustable to select hold-open point.

#### **DOUBLE EGRESS ARM, 4040SE-3077DE**

Optional, handed arm for pull side installations on double egress doors and frames. Not required for push side mounting on double egress frames.

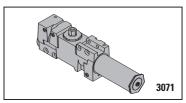
## **TRACKS**

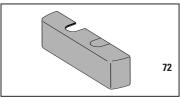
## **SE TRACK, 4040SE-3038**

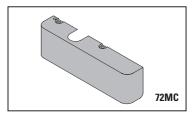
Standard, non-handed track for SE closers. Mounts on either head frame or stop. 24V or 120V AC/DC input for holding solenoid, please specify. Includes test switch assembly with fuse.

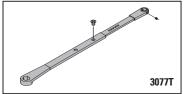
#### **SEL TRACK, 4040SEL-3038**

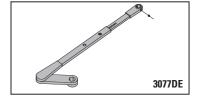
Optional, non-handed long track mounts on either head frame or stop. 24V or 120V AC/DC input standard for holding solenoid, please specify. Includes test switch assembly with fuse.

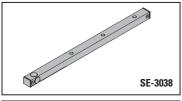


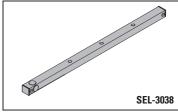














## **SWITCH**

**TEST SWITCH, 4040SE-3436** 

## **INSTALLATION ACCESSORIES**

## **PLATE, 4040SE-18**

Required where top rail is less than 3 1/2" (89 mm). Plate requires minimum 2" (51 mm) top rail. Plate installations require a SPECIAL TEMPLATE.

### **PLATE, 4040SE-18PA**

Required where top rail is less than 5 3/4" (146 mm). Plate requires minimum 2" (51 mm) top rail. Plate installations require a SPECIAL TEMPLATE.

## **CONDUIT QUICK-CONNECTOR, 4040SE-81**

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

## TRACK ROLLER, 4040SE-3034

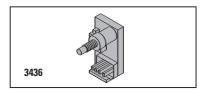
Quiet, low friction roller assembly. Shoulder dimension "X" = 1/8" (3 mm).

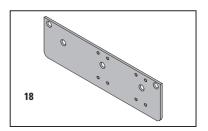
### TRACK SLIDER, 4040SE-168

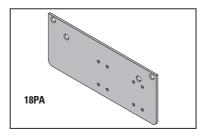
Alloy metal slider for use in SE series tracks only.

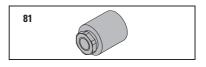
#### TRANSFORMER, 4040SE-3210

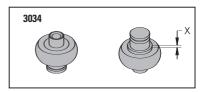
Reduces line voltage from 120V to 24V AC. Mounted on cover for 4" (102 mm) x 4" x 2 1/8" (54 mm) junction box (by others).

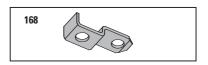


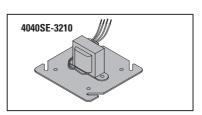














## **TABLE OF SIZES**

4040SE series cylinders accommodate interior doors up to 48" (1219 mm) wide.

Closing power of 4040SE Series closers is adjustable through a range of sizes up to size 4.

Minimum door widths:

for SE on paired door, min. width 60" (1524 mm). for SE, minimum door width 28" (711 mm). for SEL, minimum door width 30" (762 mm). Details are listed on the MOUNTING DETAILS pages.

#### INTERIOR DOOR WIDTH



## HOW-TO-ORDER 4040SE SERIES CLOSERS

1. SELECT TRACK

□ SE

☐ SEL

2. VOLTAGE

□ 24V AC/DC□ 120V AC/DC

	PECIFY FINISH.
	tandard Powder Coat uminum, Dark Bronze , Statuary,
	ght Bronze, Black, Brass.
	•
CI	oser will be shipped with;
-	STANDARD CYLINDER,
-	STANDARD CLIP-ON COVER,
-	STANDARD ARM,
	STANDARD TRACK,
	WOOD & MACHINE SCREW PACK,
uni	less options listed below are selected.
CLO	SER OPTIONS
COV	ER
$\square$ N	letal (MC)
(p	lease specify right or left hand)
FINIS	SHES
$\Box$ C	ustom Powder Coat (RAL)
(h	nanded metal cover required)
□ P	lated Finish, US
(h	nanded metal cover required)
ARM	
$\Box$ D	ouble Egress (DE)
(p	please specify right or left hand)
SCRI	EW PACK
□ T	B*, Wood & Machine Screw (TBWMS)
ΠТ	ORX Machine Screw (TORX)
□ T	B* & TORX Machine Screw (TBTRX)
*	Specify door thickness if other than 1 3/4".
INST	ALLATION ACCESSORIES
□ P	late, 4040SE-18
□ P	late 4040SE-18PA
□ Tı	ansformer, 4040SE-3210
SPE	CIAL TEMPLATE
	T(if required)



LCN CLOSERS 121 W. RAILROAD AVE. P.O. BOX 100 PRINCETON, IL, USA 61356-0100 PHONE 800-526-2400 FAX 800-248-1460 www.lcn.ingersollrand.com 3/10