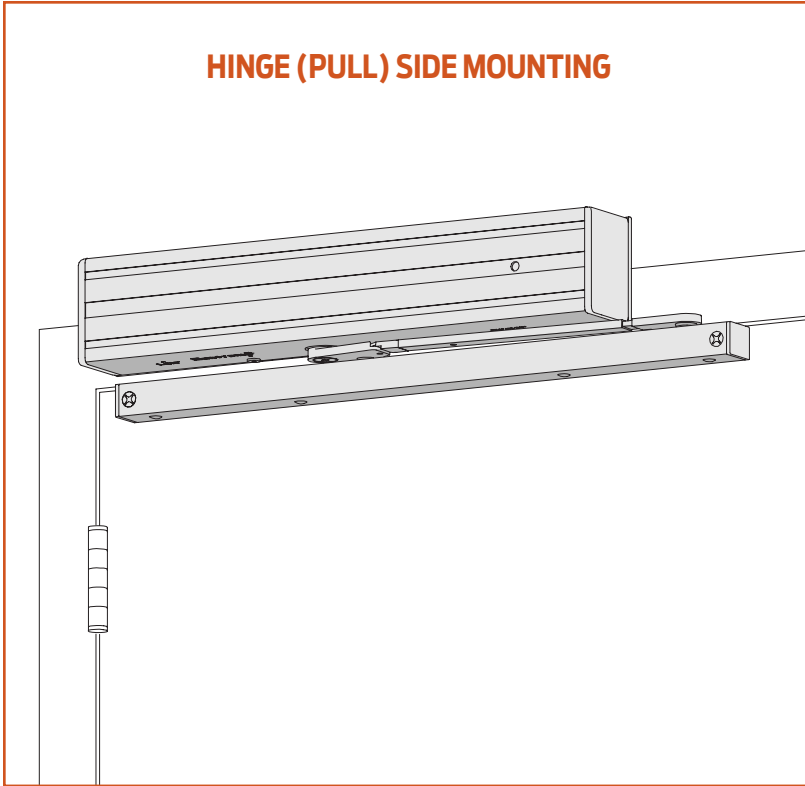


4310ME SERIES

FEATURES

HINGE (PULL) SIDE MOUNTING



The 4310ME SENTRONIC® is a heavy duty, electrically controlled closer/holder designed to provide infinitely adjustable hold-open for fire and smoke barrier doors. Door is held open until current interruption releases mechanism and the door closes. Single lever (track) arm closer is specifically designed for interior doors. Choice of finishes, cylinder functions, and installation accessories meet virtually all life safety requirements.

The 4310ME is UL listed for smoke barrier or labeled fire doors. Tested and certified under ANSI Standard A156.15. Conforms to life safety code, NFPA 101. An ME provides only the closer/holder function.

- Standard 4310ME Series closer shipped with a 24V or 120V cylinder (please specify) on a mounting plate, metal cover, Swing-Free arm, track, track roller, and wood and machine screw pack. See 4310ME Series pages 29 & 30 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 with Swing-Free arm engaged.
- Handed for right or left swinging door.
- Concealed or exposed electrical connections.
- Built-in "On/Off" switch controls hold-open function.
- Swing-Free arm allows door to be moved without door closer resistance.
- Interfaces with fire alarm systems.
- Standard or optional custom powder coated finish.
- Optional plated finish on cover, arm, and fasteners.

MOUNTING					FINISH		COVER		CYLINDER				*ARM FUNCTION				
HINGE (PULL) SIDE					POWDER COAT		HANDLED		SINGLE-POINT HOLD-OPEN				STANDARD (SINGLE)				
TOP JAMB (PUSH)					PLATED		NON-SIZED		MULTI-POINT HOLD-OPEN				REGULAR (DOUBLE)				
STOP FACE (PUSH)							SIZED		BYPASS 80/140				SWING FREE				
CONCEALED (FRAME)													DOUBLE EGRESS				
CONCEALED (DOOR)																	
●	○	○	○	○	●	●	○	●	○	●	○	●	●	○	○	160°	95°

● AVAILABLE
○ NOT AVAILABLE

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

4310ME SERIES

HINGE (PULL) SIDE MOUNTING

Information applies to ME closer.

MAXIMUM OPENING

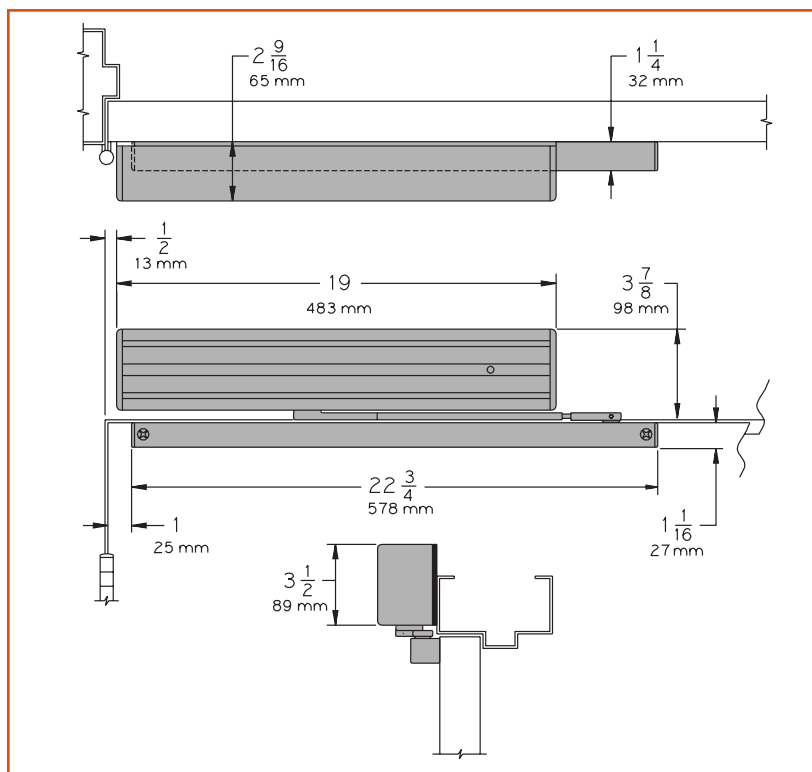
Templating allows 180° with hold-open points up to 160°.

Optional double egress arm limited to 95°.

Please note that many track style door closers are capable of allowing 180° of door swing. Be aware that the majority of track style closers are at their weakest closing force in the 180° – 130° range. Consult factory for applications where exterior or large/heavy door must swing 180°.

ME ELECTRICAL OPTIONS

These assemblies have a single electrical circuit with a choice of voltages. A separate TRANSFORMER, 4040SE-3210, can be used to reduce line voltage to 24V AC. Circuitry accepts either AC or DC input. Please specify 24V or 120V.



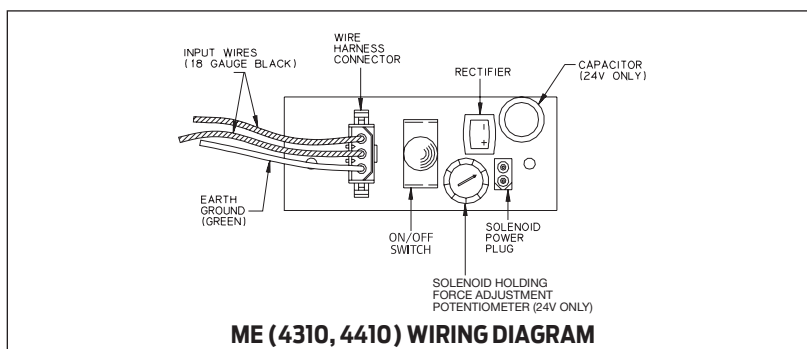
- **Butt Hinges** should not exceed 4-1/2" (114 mm) in width.
- **Top Rail** 1-1/16" (27 mm) minimum.
- **Reveal** should not exceed 1/8" (3 mm) for Swing-Free arm. Should not exceed 2-11/16" (68 mm) for double egress arm.
- **Head Frame** requires 2" (51 mm) minimum.
- **Clearance** of 1-1/4" (32 mm) behind door required for installation.
- **Bypass** (suffix "B80 or B140") eliminates hold-open function up to a specified point of the doors swing.
B80 cylinder from 0° to 80°.
B140 cylinder from 0° to 140°.
- **Wiring Diagram**

Options

- Hold-open bypass.
- Double egress arm.
- 24V or 120 volt input, please specify.

Special Templates

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



4310ME SERIES

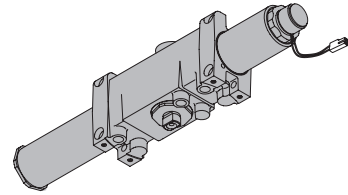
ACCESSORIES

CYLINDER

ME CYLINDER, 4310ME-3971

Standard, handed cast iron cylinder assembly. Please specify 24V or 120V.

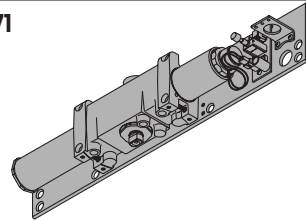
3971



ME CYLINDER, 4310ME-3071

Standard, handed cylinder and mounting plate assembly. "On/Off" switch assembly controls hold-open function. Circuitry accepts either AC or DC input. Please specify 24V or 120V.

3071

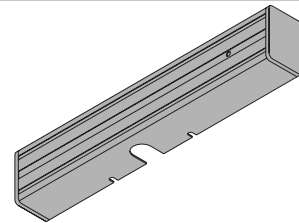


COVERS

COVER, 4310ME-72MC

Handed, metal cover.

72MC



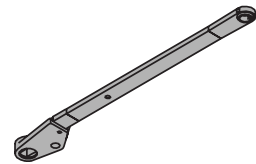
ARMS

SWING-FREE ARM, 4310ME-3077SF

Handed arm.

After door is placed in hold-open, secondary pivot point allows up to 160° swing without door closer resistance.

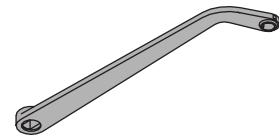
3077SF



DOUBLE EGRESS ARM, 4310ME-3077DE

Optional, handed arm for double egress doors and frames. 2-11/16" (68 mm) maximum reveal.

3077DE

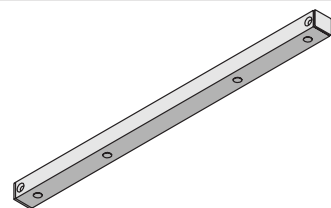


TRACK

TRACK, 4310ME-3038

Standard, non-handed track.

3038



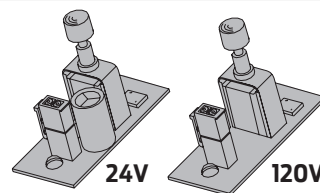
4310ME SERIES

SWITCH

SWITCH, 4310ME-3351

"On/Off" switch assembly provides continuous hold-open function.
Available as 24V or 120V, please specify.

3351

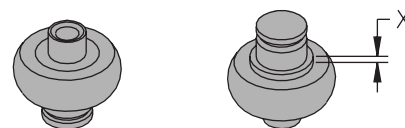


INSTALLATION ACCESSORIES

TRACK ROLLER, 4310ME-3034

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

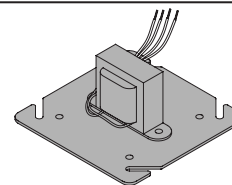
3034



TRANSFORMER, 4310-3210

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

3210



ME WIRING HARNESS, 4310ME-3354

Three wire harness with 6" (152 mm) leads for field wiring
connections.

3354



4310ME SERIES

TABLE OF SIZES

Closing power of 4314ME Series closers may be increased 15%.

INTERIOR DOOR WIDTH

	26" 660mm	34" 864mm	38" 965mm	48" 1219mm
4314ME			size 4	
		Minimum Door Width		

→ Indicates recommended range of door width for closer size.

HOW-TO-ORDER 4310ME SERIES CLOSERS

1. SPECIFY HAND

- ☐ RH
- ☐ LH

2. VOLTAGE

- ☐ 24V AC/DC
- ☐ 120V AC/DC

3. SPECIFY FINISH

- ☐ Standard Powder Coat _____
- Aluminum, Dark Bronze, Statuary,
Light Bronze, Black, Brass.

Closer will be shipped with:

- STANDARD COVER,
 - SWING-FREE (SF) ARM,
 - STANDARD TRACK,
 - TRACK ROLLER,
 - WOOD & MACHINE SCREW PACK,
- unless options listed below are selected.*

CLOSER OPTIONS

CYLINDER FUNCTION

- ☐ Bypass 80° (B80)
- ☐ Bypass 140° (B140)

ARM

- ☐ Double Egress (DE)

FINISHES

- ☐ Custom Powder Coat (RAL)
- ☐ Plated Finish, US

SCREW PACK

- ☐ TB*, Wood & Machine Screw (TBWMS)
 - ☐ TORX Machine Screw (TORX)
 - ☐ TB* & TORX Machine Screw (TBTRX)
- *Specify door thickness if other than 1-3/4".*

INSTALLATION ACCESSORIES

- ☐ Transformer, 4310ME-3210

SPECIAL TEMPLATE

- ☐ ST-_____

[illegible]