



# 4314ME Series

Door closers



The LCN 4314ME Sentronic is a heavy duty fixed strength, electronic closer designed to provide infinitely adjustable hold open points for fire and smoke barrier doors. The door is held open until current interruption releases the holding mechanism and the door closes. Automatic detection and containment of fire and smoke are the best methods for minimising danger to life and property.

The 4310ME closer is specifically designed for interior doors. Being a heavy duty closer, the 4310ME Series is suitable for commercial applications where a robust closer is required.



## Features

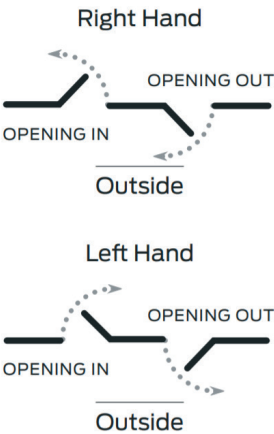
- Concealed or surface wiring options
- 24V DC input standard
- Non-handed
- Built-in on/off switch controls hold-open function
- Independent adjustment valves for back-check, closing, and latching speed modifications
- Adjustable backcheck prevents damage to the closer, door, and frame
- Functions as a full rack and pinion closer when hold open is not engaged or the current is interrupted
- Can operate on a stand-alone basis or interfaced with a fire alarm system
- Closer cylinder is constructed of high strength cast iron for increased durability
- Closers mounted according to LCN instructions require minimal periodic adjustments. Monthly, quarterly, and annual visual inspections are recommended

Warranties	
Mechanical	30 years
Finish	<a href="http://allegion.co.nz/finisheswarranty">allegion.co.nz/finisheswarranty</a>
Electronic	2 years

# Specification guide

Series	Strength	Handing
LCN 4310 Series ..... LCN4310	4..... 4ME	Left Hand ..... LH Right Hand ..... RH

1. Series  
Select the desired series e.g., LCN 14310 Series ..... LCN4310
2. Strength  
Select the required strength ..... LCN4314ME
3. Handing  
Select the desired handing e.g., Left hand ..... LCN4314ME-LH



Specifications	
Covers	Supplied standard with an aluminium finished metal cover

## Finish



ALUM

Aluminium

## Testing and Compliance



Fire rated: Tested on fire door assemblies in accordance with Australian Standards, refer fire door manufacturer for specific approval details.

## Selection chart

When selecting a door closer, not only is the size of the door important, but careful consideration should be given to the site environment and operating conditions, as well as the people who will ultimately use the door.

The LCN 4314ME is a strength 4 closer that is suitable for interior doors from a minimum width of 660mm to a maximum width of 1220mm under normal operating conditions.

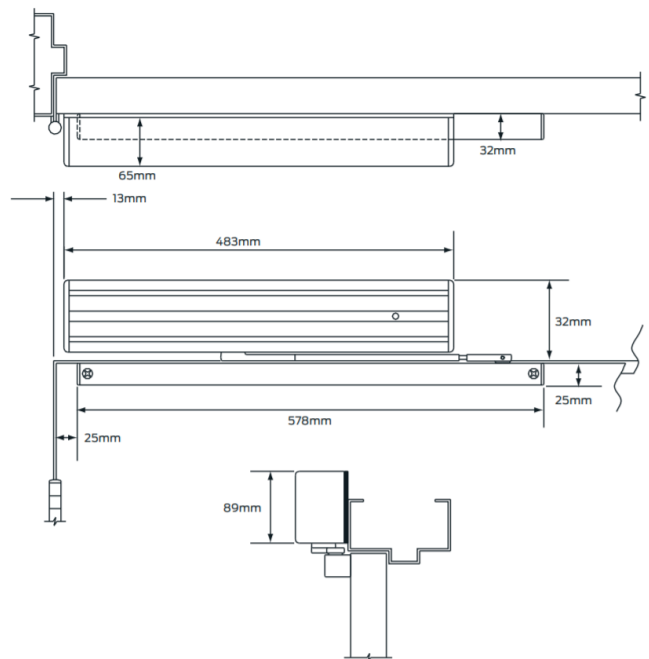
# Regulating controls

The LCN 4310ME has independent regulators to control:

Closing speed	Adjustment to increase or decrease the speed at which the door closes. This allows the appropriate momentum to close the door in a safe and secure manner. Closing speed adjustment operates from the maximum opening to 15°.
Latching speed	The latching speed allows the door to close quietly and firmly. It can be adjusted to increase or decrease in speed that the door closes. This assists the final stage of the closing cycle to help overcome stubborn latchbolts or air pressure conditions. The latching speed adjustment operates from 15° to closing. A further option to increase the latching power is to reverse the arm bracket shoe.
Backcheck	Adjustable hydraulic backcheck provides a cushioning effect when the door is forcibly thrown open to prevent damage to the closer, door, and frame. The backcheck adjustment allows the level of resistance in the latter stage of opening to be set at the level required. Backcheck is effective from 75°. Backcheck is a requirement for all fire rated closers.

# Mounting details

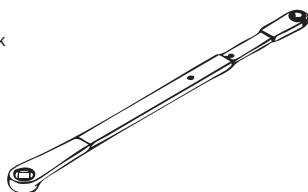
Templating allows a maximum opening of 180°. The hold open function can be set to infinite points up to 160°. Reveal should not exceed 3mm. A 38mm top rail is required. The head frame must be 51mm in size. A clearance of 32mm behind the door is required for a 90° installation. The track assemblies require a single power circuit for the holding solenoid.



# 4314ME accessories

## Track arm 1460T-3077T

Standard, non-handed arm mounts pull side, top jamb or pull side. Track roller is not included with arm  
**Finish:** Aluminium



## Track roller 1460T-3034

Quiet, low friction roller assembly

