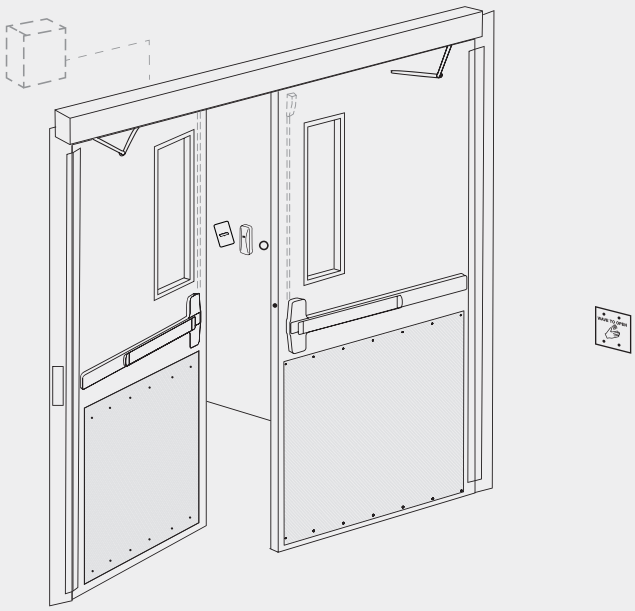
ALLEGION™

LCN®

# Touchless access solutions



## Overview

Allegion offers touchless technology that plays a role in minimizing transmission of surface-transmission germs by eliminating touch points in an entryway. While there are several ways to accomplish touchless operation, pairing low energy automatic operators with actuators or readers are the most common. Allegion takes the complexity out of specifying touchless access solutions by providing wiring and riser diagrams for common applications that show you how all the components of the solution work together.

### Service and support

As solutions are reimagined to meet the new challenges of today's environment, put our experience to work for you. Beginning long before your first project, we seek to understand your needs and exceed your expectations. Contact an Allegion expert via **our website** or call 877-671-7011.

# Automatic operators

Automatic operators are key component in a touchless solution. They open the door electronically upon signal from an actuator, allowing a pedestrian to pass through without touching the door. For frequently actuated openings, Allegion recommends using an electromechanical device.

**Allegion also offers a solution tailored to the needs of low to medium traffic interior doors**

**6440**
Door mount and frame mount



**2810**
Concealed mount



**9130**
Surface mount, pull side



**9540**
Surface mount, push side



**9550**
Surface mount, double door



## Electrohydraulic

| Model | Application |
|---|---|
| 6400 Series | Door mount - pull side;<br>Door mount - parallel arm;<br>Push side frame mount - top jamb |

## Electromechanical

| Model | Application |
|---|---|
| 2810, 2850, 2860 Series | Concealed mount |
| 9130, 9530, 9550, 9560 Series | Surface mount - pull side |
| 9140, 9150, 9540, 9550, 9560 Series | Surface mount - push side |
| 9550, 9560 Series | Surface mount - double egress |

# Touchless actuators

Actuators provide a signal to the automatic operator to begin its opening cycle. Touchless actuators are installed in place of push buttons and comply with ANSI 156.19 low energy standards. When a pedestrian waves his or her hand in front of the wall plate, the technology senses the motion and acknowledges intent to enter. No contact with an actuator, door hand, push bar or door is required.

## Hardwired- Heavy duty

| Model | Application |
|---|---|
| 8310-810S | Single gang - text and wave icon, stainless steel |
| 8310-810SA | Single gang - text and wheelchair icon, stainless steel |
| 8310-810R | Round - text and wave Icon, stainless steel |
| 8310-810RA | Round - text and wheelchair icon, stainless steel |
| 8310-810D | Double gang - text and wave icon, stainless steel |
| 8310-810DA | Double gang - text and wheelchair icon, stainless steel |



8310-810S



8310-810SA



8310-810R



8310-810RA



8310-810D



8310-810DA

## Hardwired- Standard duty

| Model | Application |
|---|---|
| 8310-813* | Single gang - text and wave icon, black<br>Double gang - text and wave icon, black |
| 8310-813WH* | Single gang - text and wave icon , white<br>Double gang - text and wave icon, white |
| 8310-813J | Jamb - text and wave icon, black |
| 8310-813JWH | Jamb - text and wave icon, white |
| 8310-813R | Round - text and wave icon, black |
| 8310-813RWH | Round - text and wave icon, white |

* -813 black and white offerings ship with two faceplates – single gang and double gang.



8310-813



8310-813WH



8310-813J



8310-813JWH



8310-813R



8310-813RWH

# Touchless actuators

**Hardwired- Harsh conditions**

| Model | Application |
|---|---|
| 8310-815 | Surface mount box - text and wave icon |



8310-815

**Battery powered**

| Model | Application |
|---|---|
| 8310-2210 | Battery powered kit, single gang, wave to open, stainless steel |
| 8310-2310 | Battery powered, single gang, wave to open, stainless steel |
| 8310-2320 | Battery powered, double gang, wave to open, stainless steel |
| 8310-2330 | Battery powered, jamb, wave to open, stainless steel |
| 8310-2340 | Battery powered, round, wave to open, stainless steel |

Note: Battery powered touchless actuators are recommended for interior use only.


8310-2210


8310-2310


8310-2320


8310-2330


8310-2340

# RF Receivers and transmitters

LCN offers a variety of RF hardware to provide wireless actuation solutions.


8310-880


8310-881


8310-882


8310-883


8310-884


8310-885


8310-886

**900 MHz Receiver and transmitters**

| Model | Application |
|---|---|
| 8310-880 | 900 MHz receiver |
| 8310-881 | Handheld transmitters - 1 button |
| 8310-882 | Handheld transmitters - 2 button |
| 8310-883 | Handheld transmitters - 3 button |
| 8310-884 | Handheld transmitters - 4 button |
| 8310-885 | Retrofit transmitter* |
| 8310-886 | Hardwired transmitter |

**433 MHz Receiver and transmitters**

| Model | Application |
|---|---|
| 8310-865 | 433 MHz Receiver |
| 8310-861 | Handheld transmitters - 1 button |
| 8310-862 | Handheld transmitters - 2 button |
| 8310-863 | Handheld transmitters - 3 button |
| 8310-864 | Handheld transmitters - 4 button |
| 8310-844 | Transmitter, wireless, 1 channel, wall mount, 9V |
| 8310-844J | Transmitter, wireless, 1 channel, jamb mount, 3V |

*Despite allowing for a wireless actuation, the retrofit transmitter does require a power draw via wire

# Touchless series kits

| Model | Description |
|---|---|
| 8310-3813W | (2) 8310-813 touchless actuators (hardwired) |
| | (2) 885 Transmitters |
| | (1) 880 Receiver |
| 8310-3810DW | (2) 8310-810D touchless actuators (hardwired) |
| | (2) 885 Transmitters |
| | (1) 880 Receiver |
| 8310-3813RW | (2) 8310-813R touchless actuators (hardwired) |
| | (2) 885 Transmitters |
| | (1) 880 Receiver |
| 8310-3810RW | (2) 8310-810R touchless actuators (hardwired) |
| | (2) 885 Transmitters |
| | (1) 880 Receiver |
| 8310-3813JW | (2) 8310-813J touchless actuators (hardwired) |
| | (2) 885 Transmitters |
| | (1) 880 Receiver |
| | (1) 8310-819SJ box |
| 8310-2210 | (2) Battery powered, stainless steel, single gang surface mount, touchless actuators with built in transmitter |
| | (1) 915 MHz Receiver |
| | (2) surface mount boxes |

# Restroom actuator kits

The restroom actuator kits are intended for single occupancy and family restrooms. Dual color illuminated LEDs provide notification of whether the restroom is occupied or vacant. Opening/closing and locking of the door is accomplished with a touchless actuator system. A logic module controls the electric strike, door operator, switches, and illumination.

**8310-2410**
**Touchless Restroom Kit**

- Advanced logic relay, 2 amp power supply, control box and transformer
- Wired touchless switch, “Wave to Lock”, light ring, stainless faceplate
- Wired touchless switch, “Wave to Open”, light ring, double gang stainless faceplate
- Wired touchless switch, “Wave to Open”, double gang stainless faceplate
- Electric strike, Grade 2 ANSI, 3 faceplates
- Door position switch, surface




## About Allegion

Allegion (NYSE: ALLE) is a global pioneer in seamless access, with leading brands like CISA®, Interflex®, LCN®, Schlage®, SimonsVoss® and Von Duprin®. Focusing on security around the door and adjacent areas, Allegion secures people and assets with a range of solutions for homes, businesses, schools and institutions.

For more, visit **www.allegion.com**

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