

LCN®

6400 Series

COMPACT™
automatic operator



Overview

The LCN 6400 COMPACT™ Series low energy automatic operator can help your facility meet basic needs related to accessibility and touchless access on interior openings. Whether you are upgrading a single opening, renovating a portion of your building or constructing a new facility, the COMPACT series enables you to promote a healthy and accessible environment.

The unique modular design makes the COMPACT Series simple and cost-effective. The core elements of the solutions are a motor gearbox assembly, a 4040XP mechanical closer and wireless or hardwired actuators. For existing openings, you can repurpose the 4040XP closer. For new openings, you can configure a complete solution to meet your needs.

The COMPACT motor gearbox assembly is surface installed on the door or top jamb and attaches to the 4040XP with a mounting plate and just 4 screws. It can be powered by a standard wall outlet or an external power supply. The operator includes a wiring harness with a wall adaptor plug that steps down the building's 110 voltage to 24VDC. A door loop kit is included to route the wiring from the door to the wall.

At the time of initial set-up, there is a simple calibration process with visible and audible feedback. The intuitive user interface allows you to set opening speed, power boost and hold open time. After initial set-up, normal adjustments can be made to the 4040XP, using the green dial and regulation valves.

The innovative LCN COMPACT Series operator allows you to improve the health, well-being and accessibility of your facility, while minimizing impact to your budget and maintenance staff's time.

Features and benefits

- 24V input for safe door-mount applications
- Configurable power input to allow for simple wall plug-in or external power supply
- Compact user interface for electronic feature adjustments
- Simple calibration set-up with visible and audible feedback
- Adjustments via mechanical closer to meet closing force preferences
- Power boost to overcome interior stack pressure and allow for lower spring settings
- Compatible with 3 different 4040XP mounting configurations
- Fire input to deactivate actuation upon signal
- Dedicated input for actuation signal (hardwired or wireless receiver)
- Certified to UL 10C, UL 325 and UL 228
- Certified to ANSI Standard A156.19
- Compliant with ANSI Standard A117.1

COMPACT Series specifications and compatibility

Specifications

Handed	No
Mounting options	Mounts directly onto 4040XP: <ul style="list-style-type: none">▪ Pull side (door mount)▪ Parallel arm (door mount)▪ Top jamb (push side frame mount)
Input voltage	24 VDC (2A to operate)
On-board power supply	24VDC (75mA to power RF receiver)
Controller	Compact UI within module
Header dimensions	12 1/4" W x 7 1/4" H x 3 3/4" D
Memory after power loss	Yes
Fire input	Yes
Door weight limit	185 lbs
Power boost	Yes
Strike coordination	Capable with external power supply and logic board
Sensor input	No
Obstruction detection	Yes
Certifications	ANSI 156.19; UL 228/325, UL 10C

Compatibility

Entryway	Interior openings only
Cylinder	4040XP standard cylinder only
Arm	REG or RwPA only
Hardwired actuators	Any hardwired actuator
Wireless actuators	Any RF receiver and actuator/transmitter in the LCN 8310 Series

COMPACT Series ordering information

Model number	Model description	Components included
<p>6440</p> 	<p>Module kit</p>	<ul style="list-style-type: none"> ▪ Gearmotor assembly, mounting plate and screws ▪ Cover and switch insert ▪ Wall adapter ▪ Door loop ▪ 30 ft of copper wire (not pictured)
<p>6440XP</p> 	<p>Module and closer kit</p>	<ul style="list-style-type: none"> ▪ 6440 Module kit components ▪ 4040XP Standard cylinder ▪ RwPA arm
<p>6440-2210</p> 	<p>Module and touchless, battery-powered, RF actuator kit</p>	<ul style="list-style-type: none"> ▪ 6440 Module kit components ▪ 8310-2210 Touchless, battery-powered, RF actuator kit, which includes: <ul style="list-style-type: none"> - (2) Single gang face plates and built-in transmitters; 2 3/4" x 4 1/2" stainless steel; battery-powered - (2) Surface mount boxes - (1) 915 MHz receiver
<p>6440-3813W</p> 	<p>Module and touchless, line-powered, RF actuator kit</p>	<ul style="list-style-type: none"> ▪ 6440 Module kit components ▪ 8310-3813W Touchless, line-powered, RF actuator kit, which includes: <ul style="list-style-type: none"> - (2) Standard duty, double gang, black 8310-813 Series touchless actuators - (2) 885 Transmitters - (1) 880 Receiver