

ALLEGION™

LCN®

Electrified door control products

Accessibility and fire life safety solutions

Good business through good will

The Americans with Disabilities Act (ADA) is not a building code, it's the law and the right thing to do.

It has reshaped the entrances and doors of buildings across the country. In an effort to accommodate people with disabilities, buildings have become easier to enter for everyone, including those who just need a little assistance. The aging population is benefiting, and the goodwill created by improving ADA access is significant.

Protecting what's most important

LCN offers product solutions to help protect what's most important, lives, in accordance with the National Fire Protection Association (NFPA) codes. In the event of an emergency, fire rated doors must close and secure in order to seal areas from smoke and fire. Fire rated doors can not be mechanically held open; LCN provides solutions to help keep buildings up to code and, most importantly, safe.



The right thing, in the right way

A proactive approach to ADA accessibility and fire life safety is a sound business strategy (for many reasons):

- Positive, convenient customer experience
- Safe, secure and productive environment
- Increased traffic and revenue
- Reduced risk of negative publicity
- Litigation avoidance

LCN automatic operator solutions meet a full range of ADA accessibility and door control needs with low energy electronic and pneumatic door closers. LCN's comprehensive portfolio of solutions help building owners bridge the gap between business objectives and ADA accessibility, without sacrificing concerns related to high traffic, abuse, design, fire and life safety, and security.

In addition, LCN offers wall and floor mount hold open magnets as well as electronic hold open/manual door closers to help meet other fire and life safety requirements. These products allow easy passage throughout a facility and are connected to an emergency system to release doors and secure areas from exposure.

Additional information and door control education can be found at www.lcnclosers.com

Sentronic™ Series hold open closers

Utilizes LCN's 4000 Series mechanical closer, and holds the door open until a current is interrupted in an emergency situation. Closers are available in single point hold open, multiple point hold open, or with hold open delay that allows for more efficient traffic flow.



3130SE/4040SE
Single point hold open

- Single point hold open for fire and smoke barrier doors
- Available in push or pull side mount (4040SE) with concealable option (3130SE)
- Non-handed option available (4040SE)



2310ME/4310ME/4410ME
Multiple point hold open

- Point adjustable hold open for fire and smoke barrier doors
- Available in push (4410ME) or pull (4310ME) side mount or concealed option (2310ME)
- Handed for right or left swing doors



4310HSA/4410HSA
Hold open delay

- Built in scanner activates hold open function while pedestrian traffic travels through the door and releases once traffic has stopped for a programmable period of time.
- Handed for right or left swing doors

Sentronic™ magnets

Electronically controlled door holding magnets hold the door open, only releasing when current is interrupted. With the power removed the magnet will release, and the door will close by a manual closer.

SEM7800/SEM1900 Series

- Tri-Voltage – 12 VDC, 24 VAC/DC, 120 VAC inputs
- 35 lbs. holding force
- Peel N Stick template for easy installation
- Suitable for pocket installations
- Complete screw pack for attachment included
- Installation placement chart for mounting accuracy
- UL Listed for smoke barrier and labeled fire doors



Magnet armature extension kit
Multi-sized 75 piece kit with all armature extension kit components available for individual sale



SEM 7800 Series
Heavy duty, die cast housed magnets

SEM 7820 — Floor mount magnet
SEM 7830 — Surface wall mount magnet
SEM 7840 — Low profile, recessed wall mount magnet
SEM 7850 — Standard profile, recessed wall mount magnet

Available in aluminum and dark bronze.

ElectroHydraulic automatic operators

Integrates LCN's 4000 Series mechanical closer to provide a smooth and easy manual opening experience for preliminary manual use applications. When activated, the door works as a fully functional low energy automatic operator to increase accessibility.



Electric AutoEqualizer™ 4600 Series

The low energy electric autoequalizer utilizes LCN's 4040XP mechanical closer to increase product life when the door is primarily used manually. When activated, a motor/clutch system drives the manual closer to automatically open the door.

- Non-destructive feature allows clutch to slip when abused to reduce damage to the operator
- Digital control suite with on-board diagnostics ensures easy, trouble-free installation



Pneumatic AutoEqualizer™ 4800/2600 Series

The low energy pneumatic autoequalizer provides quiet, smooth, and reliable door operation and allows for use in hazardous locations where electronically operated devices are not permitted.

- Utilizes LCN's 4040XP mechanical closer for increased product life
- Driven automatically by a pneumatic air system when activated
- Available as concealed option (2610)

Features	4600 Series	4800/2600 Series
Handed	No	4800 Series - Non-handed 2600 Series - Handed
Mounting options	Push (4640); Pull (4630)	Push (4820); Pull (4810); Parallel arm (4840); Concealed (2610)
On board power supply	Yes	No
Digital control box	Yes	No
Header length	33 1/2"	20"
Maintains memory after power loss	Yes	Yes
Adjustable manual open face	Yes	Yes
Blow open capability	No	Yes
Meets UL requirements	UL/cUL 325 and 228	UL 228
All electrohydraulic operators are available in seven standard or 180 custom powder coated finishes.		

Actuators and accessories

LCN offers a full line of actuators and accessories to compliment our Automatic Operator portfolio. Activation switches come with a standard stainless steel finish, and are available with either the industry standard handicap logo, or handicap logo with "push to open" text. Accessories include: mounting boxes, weather rings, wireless receiver and transmitters, bollard post, and wireless key fobs. Also available are LCN's ready mount wireless actuators and touchless actuators for clean environments.

Actuators



Accessories



ElectroMechanical automatic operators

Designed for durability and extended performance when used in primarily automatic applications. The ElectroMechanical gearbox acts as a manual closer when door is not automated or power is lost.



Senior Swing* 9500/2800 Series

The low energy electromechanical senior swing is LCN's toughest operator – designed specifically for medium to heavy duty use in mostly automated applications.

- Full length header and simultaneous pair application is ideal for storefront, entrance and cross corridor applications
- Bottom load accessible internal components allow for easy troubleshooting access and adjustment
- Available in concealed options (2810, 2850, 2860)



Benchmark 9100 series

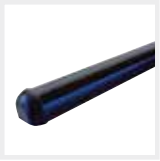
The low energy benchmark operator is designed for low to medium use commercial applications, ideally when the primary function of the door is automated. With its slim design, the benchmark is great for interior door applications when aesthetics are a concern.

- Operator shipped complete in single box; allows for easy installation, storage, and stocking
- Compact design allows for non obtrusive appearance when aesthetics are important

Features	9500/2800 Series	9100 Series
Handed	Yes	No
Mounting options	Push (9540); Pull (9530); Concealed (2800)	Push (9140); Pull (9130)
On board power supply	Yes	Yes
Plug and play control box connectors	Yes	No
Digital control box	Yes	No
Header length	36" - 49" (single) 72" - 98" (double)	27"; 36"
Maintains memory after power loss	Yes	Yes
Push n' go	Yes	Yes
Power boost	Yes	Yes
Blow open capability	Yes	No
Simultaneous pair w/single control box	Yes (9550, 2850)	No
Independent pair w/two control boxes	Yes (9550, 2860)	
Meets UL requirements	UL/cUL 325 and 228	UL 228
All electromechanical operators are available in aluminum and dark bronze finishes.		

*For more mounting options, please refer to www.lcnclosers.com

Safety and activation sensors



Door mount safety sensor

Mounts to the push or pull side of an automatic door to detect obstructions during activation. Available with one or two active sensor modules to increase the area of detection.



Header mount safety sensor

Mounts to the pull side of the door header to detect obstructions when the door is fully closed or opened. Includes nine selectable patterns to fit almost any application.



Header mount activation sensor

Mounts to the approach side of the door header to detect motion and activate the door. Must be used with appropriate safety sensors if used as the primary activation on a low energy operator.

About Allegion

Allegion (NYSE: ALLE) creates peace of mind by pioneering safety and security. As a $2 billion provider of security solutions for homes and businesses, Allegion employs more than 8,000 people and sells products in more than 120 countries across the world. Allegion comprises more than 25 global brands, including strategic brands CISA®, Interflex®, LCN®, Schlage® and Von Duprin®.

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

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