

LCN®

Low energy automatic operators

Accessibility and fire life safety solutions

ALLEGION™



You’re in control with LCN®

LCN® offers a full line of low energy automatic operators with proven real-world performance. By choosing LCN, you invest in a trusted solution that does not require the hassle or expense that coincides with a service contract. We equip our customers with the tools necessary to maintain the life of their LCN closer. Take back control of your time, facility and budget by choosing LCN.



Building codes are more than requirements; **they are protecting lives.**

The Americans with Disabilities Act (ADA) along with the National Fire Protection Association (NFPA) have reshaped the industry of door control. In an effort to accommodate people with disabilities, buildings have improved their ease of entry and exit for all. Likewise, in the event of an emergency, fire rated doors must close and latch in order to seal areas from smoke and fire.

LCN's comprehensive portfolio of low energy automatic operator 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.

LCN products are backed by a team of expert specifiers to support our customers throughout their entire journey to find the right low energy auto operator solution.

Fire and life safety solutions

Sentronic™ Series hold open closers

Automatic detection and containment of fire and smoke are the best ways to minimize danger to life and property. Patented Sentronic door closer/holders are designed to hold swinging doors open in normal use with the integration of LCN's 4000 series mechanical closer and release/automatically close the doors under fire conditions. 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



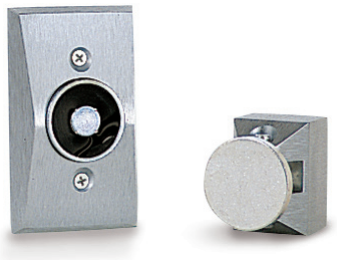
4310HSA/4410HSA
Hold open delay

- 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
Heavy duty, die cast housed magnets

- 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

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

SEM 7870 — Dual sided floor mount magnet

Available in seven standard or customized powder coat finishes



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

Automatic operators for ADA and accessibility

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.





Features	4600 Series **Electric AutoEqualizer™**	4800/2600 Series **Pneumatic AutoEqualizer™**
Handed	No	No
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
Meets UL requirements	UL/cUL 325 and 228	

All electrohydraulic operators are available in seven standard or 180 custom powder coated finishes.

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.

Automatic operators for ADA and accessibility





Features	9500/2800 Series **Senior Swing***	9100 Series **Benchmark**
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
Simultaneous pair w/single control box	Yes (9550, 2850)	No
Independent pair w/two control box	Yes (9550, 2860)	
Meets UL requirements	UL/cUL 325 and 228	UL 228

All electromechanical operators are available in aluminum and dark bronze finishes.

Automatic operators for ADA and accessibility



8310 Series actuators, sensors and accessories

The 8310 Series sensors and accessories match function and design and ensure the secure opening and closing to complete the installation of the automatic operators.

Actuators









Accessories

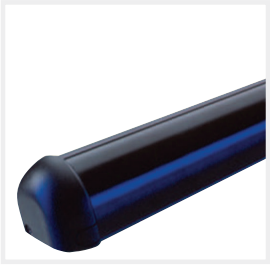








Safety and activation sensors



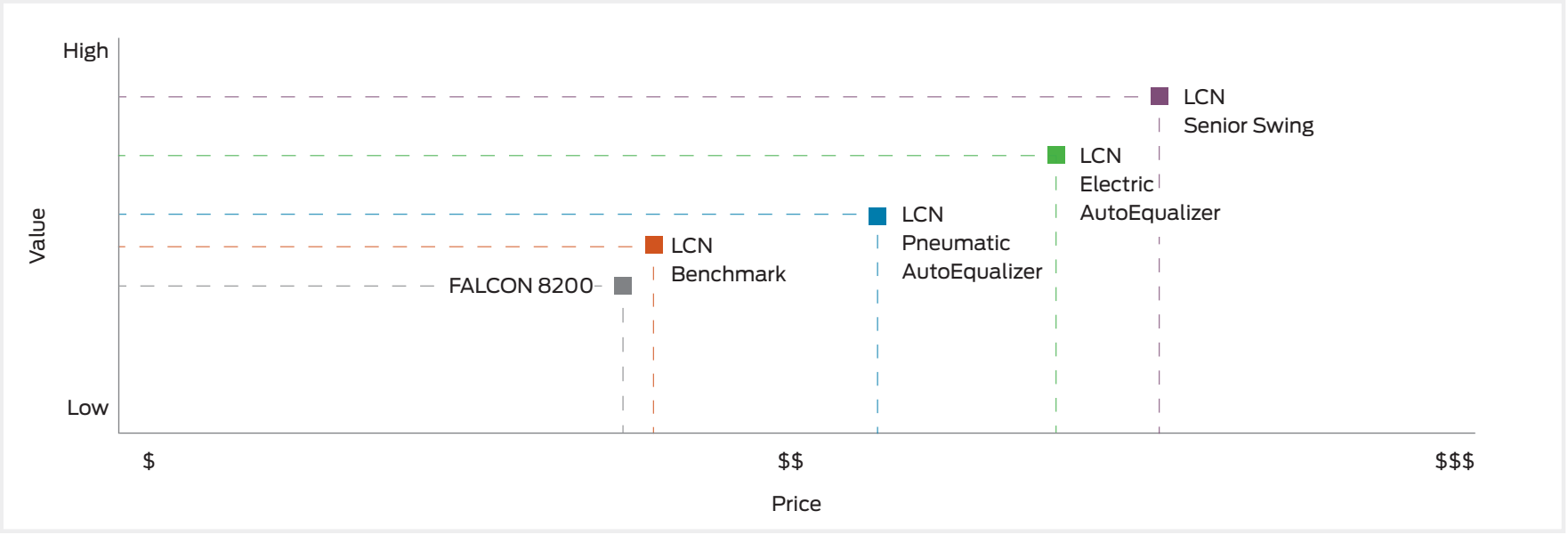




Providing all of your low energy application needs

Automatic operators for ADA and accessibility

	Primary function	Retail Storefront	K-12	Higher Ed	Healthcare	Laboratory	Performing Arts
Senior Swing	Automatic				■		
Benchmark	Automatic	■					
AutoEqualizer	Manual		■	■			
Pneumatic	Manual					■	■



About Allegion

Allegion (NYSE: ALLE) is a global pioneer in safety and security, with leading brands like CISA®, Interflex®, LCN®, Schlage®, SimonsVoss® and Von Duprin®. Focusing on security around the door and adjacent areas, Allegion produces a range of solutions for homes, businesses, schools and other institutions. Allegion is a $2 billion company, with products sold in almost 130 countries.

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

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