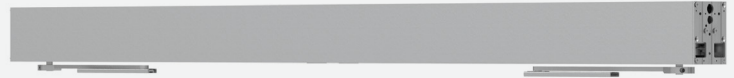


2860IQ Series

Electromechanical Automatic Operators



Overview

The LCN® 2860IQ Senior Swing is a heavy-duty electromechanical swing door operator. Designed for a concealed mount on double door applications, this configuration is ideal for independent double door operation and features two motor gearboxes with two separate controllers. The 2860IQ can be mounted with either center or offset pivot arms, allowing flexibility for a variety of opening needs.

When activated, this operator provides a smooth and seamless opening experience to accommodate those with accessibility needs or a pedestrian with their hands full. Each of the double doors controlled by the 2860IQ can also be operated manually and independently for regular pedestrian traffic and include both Power Assist and Push n' Go, which can be activated for an easy, smooth manual open.

AdaptivIQ™

This built-in technology allows our operator to automatically adjust to external pressures and resistance during both opening and closing cycles. Through a combination of dynamic braking, responsive motor control, and Smart Power Boost technology, our operator compensates for wind, carpet drag, and HVAC stack pressure, allowing the door to latch securely and minimize the risk of slamming.

Fully-Loaded Controller

With 23 total programmable settings all accessible through a user-friendly LCD screen, a self-calibration cycle that establishes default settings based on the physical aspects of the door and the opening area, and real-time error code and diagnostic information, this loaded control box provides users with complete control of our automatic operator.

Features & Benefits

- Capability to operate and control doors of up to 600 pounds
- Power Assist and Push and Go to allow for easy manual operation
- Auto Reverse on Closing to minimize potential damage from obstructions
- Opening Speed and Force programmed separately for further customization
- On-board power supply (24VDC Output) to power actuators, card readers, and safety circuits
- Built-in support for up to six optional safety sensors

Ordering Information

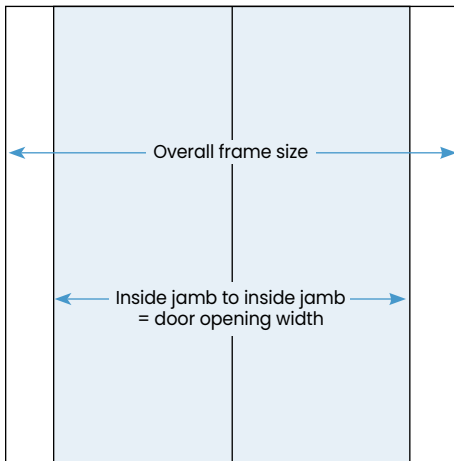
How to Order a 2860IQ Series Operator

1	Choose operator	2863IQ
2	Motor gearboxes	Two standard
3	Controllers	Two standard
4	Concealed header	HDR2 - Double door header
5	Specify door opening width (jamb to jamb)	52" - 96"
6	Select arm	STCP2 - Two center pivot arms STOP2 - Two offset pivot arms
7	Track (stops)	LESS - No stop (standard selection) BKY2 - Breakaway stop POS2 - Positive stop
8	Voltage	115V (standard selection) 230V
9	Spindle center	2.75 (standard selection) 3.75 SPEC
10	Select finish	628 - Aluminum, clear anodized 710 - Dark bronze, anodized 711 - Matte black, anodized

Operator will be shipped with:

- Motor gearbox mounting hardware
- Controller box mounting hardware
- Wood and machine screws

Measuring Door Opening Width



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