

SL30SGL

Electronic side load lock



Advantages at a glance

- Assist with door misalignment of up to 8mm +/-
- Side Load Release excess of 600kg
- High Security - Automatic deadbolting
- Low voltage motor-driven door lock for 90 degrees doors.
- Simple configuration - covert from Fail Safe to Fail Secure
- Dual Monitoring - Door and Bolt position monitors
- Versatile Installation - Mortice mount horizontally or Vertically

With its innovative low voltage motor-driven design, the SL30SGL electronic lock is the ideal security solution for 90-degree doors and can be used to secure both commercial and residential properties.

The SL30SGL ability to align a misaligned door and the capacity to release when requested—even when the door is under excessive load—are the two primary issues with electronic locking that the SL30SGL resolves.

Key Features

Door Alignment

- The pivot action of the SL30SGL bolt pin will “grab” the strike plate and pull the door into position for a misalignment up to 8mm (5/16 inch).

Side Load Release

- The unique design of the SL30SGL uses a collapsing mechanism that is deadblotted when locked but will unlock when requested even with 6,000N of force on the door.

High Security

- Automatic deadbolting for added security
- 10,000N holding force (1,000kg)
- 10mm (3/8 inch) thick stainless steel bolt pin with 13mm extension.

Electronic Convenience

- Input voltage from 12VDC – 24 VDC
- Less than 40mA standby current
- Eco-friendly and economical solution

Simple Configuration

- Convert from Fail Safe to Fail Secure by repositioning a single jumper
- Integrated easily with Access Control or Alarm Systems

Dual Monitoring

- Door and bolt position monitors

Versatile Installation

- Mortice mount horizontally or vertically, on single acting doors
- Surface mount with the aid of the accessories, including mounting onto glass

- The SL30SGL is supplied with a matching strike plate, additional items are available in the form of housing and dress plate.
- Tested for endurance for over 1,000,000 cycles, the SL30SGL offers durability and safety in high volume traffic environments
- IP53 Rating



Surface mounting a lock and/or strike with the aid of the accessories offers more flexibility in installation and makes securing glass doors possible.

Dress plates are offered to give a 'clean' finish when a housing has been installed onto glass.

The housing and dress plate are supplied with self-adhesive tape for instant application to glass doors and frames.

Applications

- High traffic volume, single acting pedestrian doors where door alignment or releasing when requested under side load is required.
- Installation on glass doors where security is paramount, convenience required and appearances important.
- Used across all market sectors

Technical data

Lock – Field convertible - SL30SGL

- 160L x 30W x 47D(mm)

Long Strike - SLA213H

- 160L x 30W x 3D(mm)

Housing - SLA214J

- 164L x 34W x 56D(mm)

Dress Plate - SLA216J

- 165L x 0.7W x 58D(mm)

Holding Force

- 10,000N (1000Kg)

Door Misalignment

- Up to 8mm +/- Side Load Release
- Up to 600Kg opening load on door Voltage at Lock
- 12 – 24VDC +/-15%

Current Usage

- Holding: 40mA@12VDC, 25mA@24VDC
- Operating: <250mA@12V, <200mA@24V
- Initial power up: 0.75A@12VDC, 0.4A@24VDC

Monitors Switches

- Bolt position: 30VDC,0.1A
- Door Position: 100VDC, 0.5A Endurance
- 1,000,000 cycles normal operation

Certifications

- EN 61000-6-1: 2007, EN 61000-6-3:2007
- RoHS Compliant
- FCC Part 15, Subparts A and B
- Fire test of 4 hours certified to BS 476-2.296527778
- EN 14846
- EN 1634-1

Any questions? We will be happy to assist you.

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