

# SL30DGL

## Electronic slide 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 180 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 SL30DBL electronic lock is the ideal security solution for 180-degree doors and can be used to secure both commercial and residential properties.

The SL30DBL 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 SL30DBL resolves.

### Key Features

#### Door Alignment

- The pivot action of the SL30DBL 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 SL30DBL uses a collapsing mechanism that is deadbolted 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)
- Two 10mm (3/8 inch) thick stainless steel bolt pin with 13mm extension.

#### Electronic Convenience

- Input voltage from 12VDC – 24 VDC
- Less than 50mA 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 double acting doors
- Surface mount with the aid of the accessories, including mounting onto glass

- The SL30DBL 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

Any questions? We will be happy to assist you.

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**Housing**

**Dress Plate**

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, double 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 - SL30DBL

- 255L x 30W x 47D(mm)

Long Strike - SLA203H

- 255L x 30W x 3D(mm)

Housing - SLA204J

- 259L x 34W x 56D(mm)

Dress Plate - SLA223H

- 260L 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

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