

# SL30SGL

## Mini Electronic Side Load Lock



### Advantages at a glance:

- Assist with door alignment
- Automatic deadbolting providing high security
- Easily converts from Fail Safe to Fail Secure
- Versatile Installation

The SL30SGL mini electronic side load lock, is a motor driven electronic lock designed to secure commercial and residential single acting doors. Its small footprint ensures the SL30SGL mini can be installed in most locations however it still has the ability to pull a door in tightly against a seal and will release instantly when requested, even with excessive load on the door.

#### Door Alignment

- Door misalignment of up to 8mm is corrected

#### Side Load Release

- The door can have in excess of 600kg being applied and it will still release instantly when requested

#### High Security

- Automatic deadbolting
- 10,000N holding force (1,000kg)
- 10mm thick stainless steel bolt pin

#### Electronic Convenience

- Input voltage from 12VDC – 24 VDC
- Less than 50mA standby current
- Reverse polarity and transient protection
- Multiple attempts to lock

#### Simple Configuration

- Convert from Fail Safe to Fail Secure by repositioning a single jumper

#### Dual Monitoring

- Door and bolt position monitors

#### Versatile Installation

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

#### Physical dimensions

- 160mmL x 30mmW x 51mmD

# Flexible design



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 selfadhesive tape for instant application to glass doors and frames.

## Technical data

### Lock – Field convertible - SL30SGL

- 160L x 30W x 51D(mm)

### Long Strike - SLA213H

- 160L x 30W x 14D(mm)

### Housing - SLA214J

- 163L x 34W x 55D(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 476-22:1987
- EN 14846
- EN 1634-1

Subject to technical changes.  
11/2024

**Any questions? We would be happy to advise you.**

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