

SL30DBL

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 SL30DBL electronic side load lock is a motor driven electronic lock designed to secure commercial and residential double acting doors. The lock addresses the two biggest issues in door locking; the ability to align a misaligned door and the ability to release when requested, even with excessive load on the door. Reliable, secure, convenient; the SL30DBL has arrived.

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)
- Two, 10mm thick stainless steel bolt pins

Electronic Convenience

- Input voltage from 12VDC – 24VDC
- 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

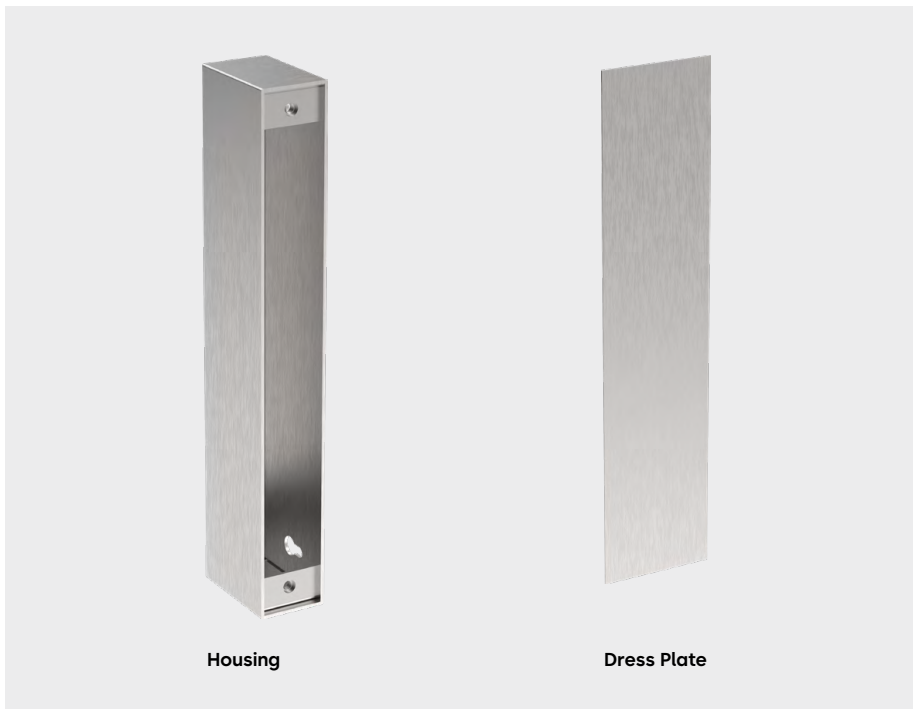
Versatile Installation

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

Physical dimensions

- 255mmL 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 - SL30DBL

- 255L x 30W x 51D(mm)

Long Strike - SLA203H

- 255L x 30W x 14D(mm)

Housing - SLA204J

- 258L x 34W x 55D(mm)

Dress Plate - SLA223H

- 260L x 0.7W x 58D(mm)

Holding Force

- 10,000N (1000Kg)

Door Misalignment

- +/- 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.
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Any questions? We would be happy to advise you.

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