



# SL30DBL

## COBALT Electronic Side Load Lock

The SL30DBL COBALT 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 COBALT has arrived.

### Door Alignment

- Door misalignment of up to 8mm is corrected

### Side Load Release

- The door can have in excess of 100kg 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

- Mortice 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

### Advantages at a glance:

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

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# 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 self-adhesive 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 100Kg opening load on door

### Voltage at Lock

- 12 – 24VDC +/-15%

### Current Usage

- Holding: <50mA@12V, <30mA@24V
- Operating: <250mA@12V, <200mA@24V
- Initial power up: <1A@12V, <0.5A@24V

### Monitors Switches

- Bolt position: 30VDC, 0.1A
- Door Position: 100VDC, 0.5A

### Endurance

- 300,000 cycles normal operation

### Certifications

- EN 61000-6-1: 2007, EN 61000-6-3:2007 + A1: 2011
- RoHS Compliant
- FCC Part 15, Subparts A and B
- Fire test of 4 hours certified to BS 476-22:1987
- New Zealand Patent 610372, Others Pending