

SL30SGL

COBALT – 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 COBALT-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 Cobalt-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.
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Any questions? We would be happy to advise you.

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