



# YD30M

## Electronic Side Load Lock

The YD30M, COBALT-mini, 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 100kg 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

- Mortice mount horizontally or vertically, on single acting doors.
- Surface mount with the aid of the YD30M accessories, including mounting onto glass.

### Physical dimensions

- 160mmL 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

dormakaba Australia  
 Head Office  
 46-52 Abbott Road  
 Hallam VIC 3803  
 T: 1800 675 411  
[info.au@dormakaba.com](mailto:info.au@dormakaba.com)  
[www.dormakaba.com.au](http://www.dormakaba.com.au)

dormakaba New Zealand  
 Head Office  
 Building P, 61-69 Patiki Road  
 Avondale, Auckland 1026  
 T: 0800 436 762  
[info.nz@dormakaba.com](mailto:info.nz@dormakaba.com)  
[www.dormakaba.co.nz](http://www.dormakaba.co.nz)

# YD30M

## Flexible design



Surface mounting a lock and/or strike with the aid of the YD30M 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 (YNL210H)

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

### Long Strike (YNL213H)

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

### Housing (YNL214J)

- 163L x 34W x 55D(mm)

### Dress Plate (YNL216J)

- 165L x 0.7W x 58D(mm)

### Holding Force

- 10,000N (1000Kg)

### Door Misalignment

- Up to 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.