



YD30

Electronic Side Load Lock

The YD30, COBALT, 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 – 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 double acting doors.
- Surface mount with the aid of the YD30 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

dormakaba Australia
 Head Office
 46-52 Abbott Road
 Hallam VIC 3803
 T: 1800 675 411
info.au@dormakaba.com
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
www.dormakaba.co.nz

YD30

Flexible design



Surface mounting a lock and/or strike with the aid of the YD30 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 (YNL200H)

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

Long Strike (YNL203H)

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

Housing (YNL204J)

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

Dress Plate (YNL206J)

- 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.