

# 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.

#### Certifications

- EN61000-6-1: 2007.
- EN61000-6-3: 2007 + Amendment 1: 2001.
- FCC Part 15, subparts A and B.
- Patent Pending: PCT/IB2013/053737.

BQT Solutions (SEA) Pte Ltd. Part of the MaxSec Group.







## **ACCESSORIES & SPECIFICATIONS**

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.



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%

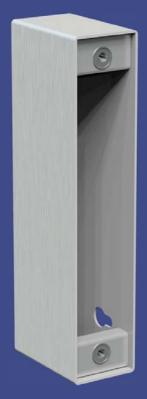
Current Usage

Holding: <50mA@12V, <30mA@24V Operating: <250mA@12V, <200mA@24V Initial power up: <1.8A@12V, <0.6A@24V

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

Endurance

>300,000 cycles @ 0 to 50°C







DRESS PLATE (YNL216J)



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