

Motorised Side Load Lock

HIGH SPECIFICATION

Stainless steel components used throughout

EASY INSTALLATION

12VDC – 24 VDC Operation

Built in reverse polarity and transient protection

Mortise or surface mount, horizontal or vertical

Fail Safe or Fail Secure operation selectable by jumper link

EUROPEAN APPROVALS

EMC Directive 2001/108/EC

EN61000-6-1: 2007

EN61000-6-3: 2007



YD30 Electronic Lock

The YD30, COBALT, is a motor driven electronic lock designed to secure commercial and residential 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 Misalignment Correction**
Motorised locking action designed to correct door misalignment of up to $\pm 8\text{mm}$
- **Side Load Release**
When requested to unlock the YD30 will still release even under a side load pressure in excess of 100Kg
- **High Security**
Bolt pins automatically deadbolt
10,000N holding force (1,000kg)
2 x 10mm thick stainless steel bolt pins
Multiple attempts to lock
- **Fail Safe or Fail Secure**
Convert from Fail Safe to Fail Secure by repositioning a single jumper
- **Power Requirements**
Input voltage from 12VDC – 24 VDC
Less than 50mA standby current
Built in reverse polarity and transient protection
- **Double Monitoring**
Door and bolt position switched outputs
- **Versatile Installation**
Mortise or surface mount, horizontally or vertically on swing-through doors

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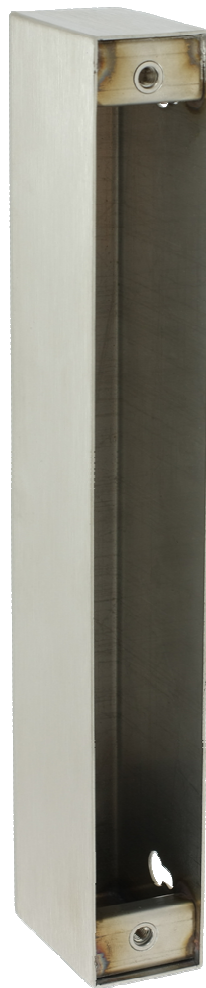
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Accessories and Specifications

Surface mounting a lock and strike with the aid of a YD30 housing 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. Both the housing and dress plate are supplied with self-adhesive tape for instant application to glass doors and frames.

Specifications

Voltage Input:	12VDC – 24VDC ± 15%	
Current:	Holding:	Less than 50mA @ 12 VDC, 30mA @ 12 VDC
	Activating:	Less than 1.8A @ 12 VDC, 0.6A @ 24 VDC
Dimensions (mm):	Lock:	255 L x 30 W x 51H
	Strike:	255 L x 30 W x 14 H
	Optional Housing:	258L x 30W x 55D
	Optional Dress Plate:	260L x 0.7W x 58D
Holding Force:	10,000N (1000 Kg)	
Door Misalignment:	± 8mm	
Monitor Outputs:	Bolt Position:	30 VDC, 0.1A rated contact
	Door Position:	100 VDC, 0.5A rated contact
CE Approvals:	EN61000-6-1: 2007 EN61000-6-3: 2007 + Amendment 1: 2001	
Endurance:	Greater than 300,000 cycles @ 0 – 50 °C	
Part Number:	YD30	



Housing



Dress Plate

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