

# YD25L



## SOLENOID DROPBOLT DATASHEET

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### PRODUCT

A premier solenoid dropbolt with all the features expected from a top-of-the-line product and a unique integrated magnetic latch designed to help correct door alignment issues and eliminate door rattle.



### FEATURES

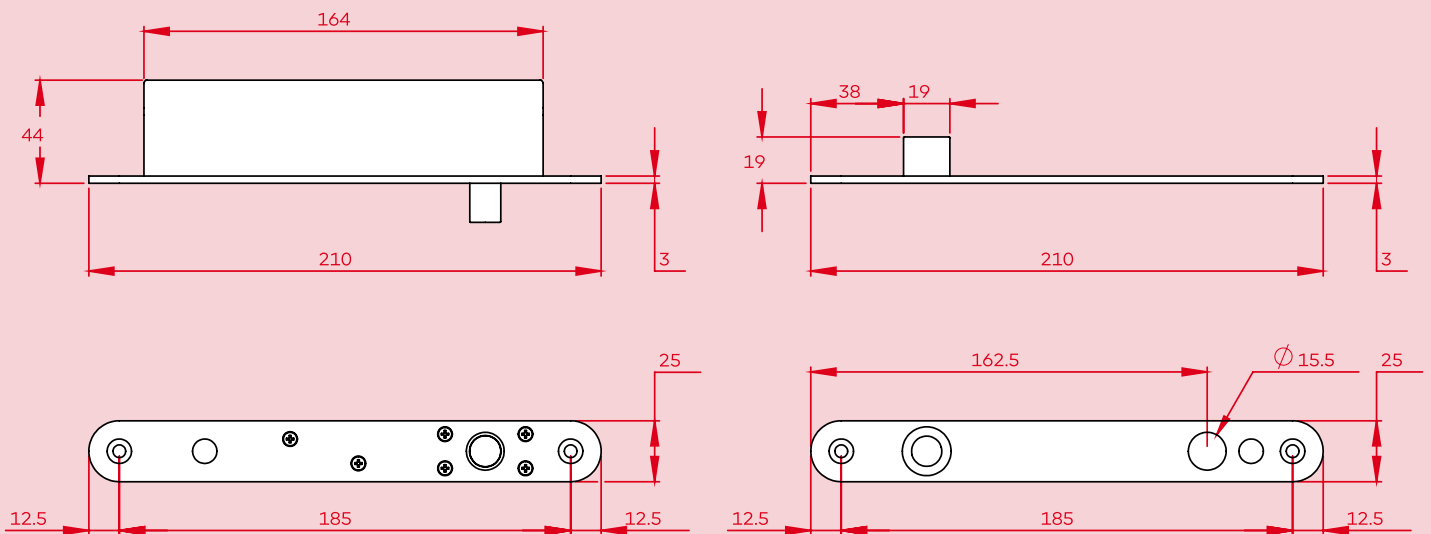
- **Alignment**  
The YD25L has a built-in magnet latch, which ensures the correct positioning of the lock and strike every time. Perfect for swing through doors, rattling doors, or misaligned doors.
- **High Security**  
With a stainless steel bolt pin, the YD25L has a holding force in excess of 10,000N. Onboard control provides auto-relock and timed relock for added security.
- **Reliability**  
The durable design of the Solenoid Dropbolt range has made it one of the most reliable electromechanical locks in the world, rated to 1,000,000 cycles.
- **Complete Monitoring**  
The YD25L can output both the bolt position and the door position as monitor signals.
- **Low Current Consumption**  
The YD25L will draw as little as 80mA holding current using the built-in current reduction circuitry.
- **Integrated Access Control**  
With factory set fail safe and fail secure variants, and multiple attempts to lock or unlock, the YD25L is ready for a wide range of application requirements and can be integrated with many access control or alarm systems.
- **Versatile Installation**  
With the included fitting tabs the YD25L can be morticed flush into both the side and top of many door frames. Optional housing and dress plate allow for surface mounting the lock and strike for an even wider range of applications, including installation on glass doors.

## SPECIFICATIONS

- **Door Gap**  
6mm maximum
- **Static Strength**  
10,000 newtons (1,000Kg)
- **Endurance**  
Cycle tested to 1,000,000 operations
- **Bolt Pin**  
ø12.7mm, 16mm extension,  
ø15.5mm reciever
- **Voltage at Lock**  
12-24VDC ±10%
- **Current Usage**  
Holding: 130mA@12V,  
80mA@24V  
Maximum: 1.5A@12V,  
1.4A@24V
- **Monitor Switch Ratings**  
24VDC, 0.5A
- **Materials**  
Lock / Strike Plate: Stainless  
Steel 304  
Bolt Pin: Stainless Steel 304
- **Compliance and Certification**  
CE Compliant, RoHS 2 Compliant  
FCC Part 15 Compliant
- **Lock Variants**  
YNL131E – Fail Safe Lock with  
Long Strike Plate  
YNL132E – Fail Secure Lock with  
Long Strike Plate
- **Accessories**  
YNL133E – Long Strike Plate  
YNL104J – Housing  
YNL106J – Dress Plate

## DIAGRAM

DIAGRAMS ARE NOT TO SCALE. MEASUREMENTS ARE IN MILLIMETERS (MM).



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