

YD30D
BQT YD30D Motorised Side-Load Lock For Swing-Through And Single Swing Doors

Description

The YD30D Cobalt sets a new standard for electronic door locks. This innovative system delivers unmatched security, automatic misalignment correction, secure sideload release, and versatile installation options. The BQT YD30 is the ideal solution for demanding applications where exceptional performance and reliability are paramount.

Key Features:

- **High-Security Locking:** Two 10mm thick stainless steel bolt pins provide a holding force exceeding 10,000N, ensuring exceptional security.
- **Automatic Misalignment Correction:** The Cobalt's unique pivot action automatically corrects misalignment up to 8mm in either direction, guaranteeing a secure lock even on imperfect door frames.
- **Secure Sideload Release:** The collapsing mechanism unlocks reliably even with a forceful push (up to 1,000N) on the door, ensuring a safe exit.
- **Complete Monitoring:** The YD30D Cobalt provides both door position and bolt position as monitor signals, offering comprehensive system control.
- **Low-Current Consumption:** Draws minimal power (40mA standby, 300mA operation) for energy-efficient operation.
- **Integrated Access Control:** Selectable fail-safe and fail-secure modes, along with multiple lock/unlock attempts, allow for seamless integration with various access control systems.
- **Versatile Installation:** Includes fitting tabs for mortise mounting in both the side and top of door frames. Optional housing and dress plate enable surface mounting for broader application, including glass doors.



Product Specifications

Weight	600 kg
Brand	<i>BQT Solutions</i>
Construction	<i>Stainless Steel</i>
Mounting	<i>Flush Mount</i>
Power-requirement	12-24 VDC
Lock-options	<i>Monitored</i>
Safety-features	<i>Fail-Safe, Fail-Secure</i>