

BQT Locking Product Overview

BQT Solutions designs and manufactures high quality electromechanical locks. All locks in the range are low voltage, 12-24VDC, hard wired solutions and are described in four categories:

- Solenoid Dropbolts – YD25, YD25L, YD25K, YD38, YD38L
- Sideload Locks – YD30 (Cobalt), YD30M (Cobalt-mini)
- Weatherproof Locks – YG80 (Orca)
- Cabinet Locks – YC10, YC20

The cabinet lock range aside, our locking products are used for pedestrian and vehicle doors in commercial and residential installs, and in the case of the weatherproof lock, all outdoor applications.

Each lock is offered as an individual item and is commonly fitted by a security installer who can power the lock from their chosen power supply and control the lock from their chosen access control panel, be it a simple switch or an advanced building management system.

The locks provide a range of monitor outputs such as door position, bolt position, tamper detection, and key position allowing full monitoring of a door and integration into a security system. Each lock comes with a matching strike plate and it would be expected that the lock is fitted to the door frame with the strike fitted to the door leaf.

The cabinet locks are simpler, low security products used for locking cabinetry in households, work spaces and vehicles. The YC10 is suitable for a DIY install while the YC20 is designed to be installed and wired by a professional. Both systems can be entirely concealed in the cabinetry.

Solenoid Dropbolts

- Incredibly reliable for high usage doors – lock rated at 1,000,000 cycles
- A variety of form factors
- Manual override available with the YD25K
- Secondary latching mechanism on the YD25L and YD38L to align a door in its final closing stage
- Factory configured fail safe / fail secure selection



Sideload Locks

- Will align a misaligned door – 8mm in one direction for the Cobalt-mini and 8mm in both directions for the Cobalt
- Will release when requested even with up to 100kg side load on the door
- For low to medium usage doors – lock rated at 300,000 cycles
- The Cobalt lock is designed for double acting doors, Cobalt-mini is suited for single acting doors
- On site fail safe / fail secure selection



Weatherproof Locks

- Outdoor use – IP67 rated
- Extremely high physical strength – 50,000N
- Multiple operating and control configurations
- On-board heater to allow for operation in cold climates
- On site fail safe / fail secure selection



Cabinet Locks

- Concealed solutions
- Plug and play installation for the YC10
- Both products have patented installation aids for perfect alignment on the strike to the lock
- Small physical footprints to fit in behind drawers
- The YC10 is a fail safe lock while the YC20 is fail maintained

