

ELECTRONIC DEADBOLTING LOCK

The YD38 offers the highest level of security of any of the BQT Solutions door products. Incorporating the same advanced design, quality and electronic ingenuity as the YD25 but with increased strength primarily achieved by utilizing a larger diameter bolt pin, the YD38 is the preferred option when high physical strength is needed.

High Security

- Automatic deadbolting.
- 20,000N holding force (2,000kg).
- 14.2mm diameter stainless steel bolt pin.

Physical Dimensions

- 203mmL x 37.5mmW x 44mmD.

Integrated Access Control

- Anti-tailgate and Anti-tamper.
- Auto-relock after 0/3/6/9 seconds.
- Multiple attempts to lock and unlock.

Dual Monitoring

- Door and bolt position monitors.

Low Current Consumption

- Current reduction circuitry limits the power required to maintain the locks state.

Electronic Convenience

- Input voltage from 12VDC – 24 VDC.
- Thermal overheating protection.
- Reverse polarity and transient protection.

Versatile Installation

- Mortice mount horizontally or vertically, on single or double acting doors.
- Surface mount with the aid of the YD38 accessories, including mounting onto glass.

Approvals

- CE-BS EN50081-1, BS EN50082-1, BS EN50082-2.
- Cycle tested to 1000000 operations.



ACCESSORIES & SPECIFICATIONS

Surface mounting a lock and/or strike with the aid of a YD38 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.

YD38 SPECIFICATIONS

Fail Safe Lock (YNL171Q)
203L x 37.5W x 44D(mm)

Fail Secure Lock (YNL172Q)
203L x 37.5W x 44D(mm)

Short Strike (YNL173Q)
90L x 30W x 3D(mm)

Long Strike (YNL173G)
203L x 37.5W x 3D(mm)

Housing (YNL174J)
206L x 41W x 49D(mm)

Dress Plate (YNL176J)
210L x 0.7W x 50D(mm)

Holding Force
20,000N (2000Kg)

Voltage at Lock
12 – 24VDC +/-10%

Current Usage
Holding: 230mA@12V, 90mA@24V
Operating: 1.5A@12V, 1.4A@24V

Monitors Switches
Bolt position: 25VDC, 0.5A
Door Position: 100VDC, 0.5A

Materials
Plastics: POM, Stainless Steel: 304



HOUSING
(YNL174J)



LONG STRIKE
(YNL173G)



DRESS PLATE
(YNL176J)