



BEST 
dormakaba Group



EZ Series
Keypad Locks
by BEST

The easiest lock to install is now the easiest choice to make

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Hardware Features

- Heavy-duty mechanical platform designed and manufactured for the toughest applications
- When the deadbolt is projected, deadbolt sensing prevents access by unauthorized PINs. 45HZ only
- The key override feature allows for mechanical access.
- New passage toggle button allows you to lock the door down from the inside in case of emergency
- Available in common finishes and trims to match BEST's 9K cylindrical series and 4OH mortise series.
- Available in cylindrical, mortise, and exit device trim platforms to meet most common applications.
- 12 position keypad design with audible and visual feedback
- Optional 8-cell battery holder for longer life, or standard 4-cell battery holder, each with AA alkaline batteries that are easily changed.
- Up to 4-year battery life
- Replacement parts available
- Weather-resistant for versatile applications, including doors exposed to inclement weather
- Remote unlock standard



Software Features

- Variable PIN length from 3-8 digits
- Up to 1000 PIN codes allows for more users
- Authorized passage mode privilege allows users to unlock device for extended periods of time as well as set duration of mode privilege for users
- Authorized users can utilize deadbolt override to gain access even when a mortise deadbolt is thrown
- Provides 1 Administrator PIN and 5 Supervisor PINs to allow easy management of increased users
- Simple schedules through daily passage mode
- Service codes with auto deactivation available

Options

AL – Abrasive available strip on lever to immediately identify warnings on doors to hazardous areas for the blind.

8CE – 8 cell battery holder with AA alkaline batteries included for extended operating life.

LM – The Lost Motion feature allows the lever handle to turn freely when it is locked without retracting the latchbolt assembly. This feature makes over-torque abuse more difficult to achieve.

Note: Available in 9K cylindrical only.

Non-IC – The 9KZ may be adapted to existing keying systems by using a special retrofit lever and throw member that will accept 6-pin single shear-line cylinders from the following manufacturers: Corbin-Russwin, Medeco, Sargent, Schlage, Yale.

Note: Cylinder not supplied.

P2 – Phillips head provided for all exposed screws. (Security head provided standard)

Thick Door – Specify thickness if other than 1-3/4".

TL – Tactile levers may be used in areas where improved grip is required or as a warning in hazardous or Safety First areas. Grooves are machined into the back of the hand grasp portion of the lever to improve grip and/or provide a sensory warning. This option can be used for blind, safety, or accessibility applications.

KG – Passage toggle mode (Cylindrical & Mortise only)

Accessories (not shown)

Parts Description	Catalog Number
4 Cell Battery Holder**	C83511 (Standard)
4 Cell Shrink Wrapped Battery Pack*	VPD-BB (4SW option)
8 Cell Battery Holder**	C83522 (8CE option)
Standard Driver Bit	VPD – T15

*VPD-BB can be used in both legacy one piece inside trim and 2010 or newer two pieces inside trim. **Cannot be used with legacy one piece trims or EX units and can only be used with 2010 or newer locks or in conjunction with retrofit kit. ***Can only be used with one piece legacy trim

40HZ Specifications

Mechanical

Case – 0.095" cold rolled steel, 5-7/8" H x 7/8" D x 4-1/16" W. Steel is zinc dichromate plated for corrosion protection.

Faceplate – Brass or bronze material, 8" H x 1-1/4" W x 1/16" T. Automatically adjusts to proper bevel during installation

Strike – Brass, bronze, or stainless steel base material, 4-7/8" H x 1-1/4" W x 3/32" T. ANSI A115.1. Universal (non-handed) strike supplied standard with lock.

Backset – 2-3/4"

Certification – UL listed for GYQS electrically controlled single point locks or latches for use on 3 hour A label doors. The listing applies for both U.S. and Canadian applications.

Door thickness – Standard lock configuration designed for doors 1-3/4" thick. Thick door configuration available for doors up to 3" thick (specify thickness when ordering).

Latchbolt – Solid stainless steel, 3/4" throw. Latch is oil-impregnated for anti-friction operation, reversible without opening case.

Deadbolt – Stainless steel, 1" throw.

Auxiliary bolt – Stainless steel, non-handed.

Lever Handle – Brass, bronze, or stainless steel base material. Lever styles 3, 14, and 15 return to a minimum of 1/2" of door surface. Lever 12, 16 and 17 do not return.

Escutcheon – 10-1/2" H x 3-5/16" W x 1" D (1" at the top, sloping down to 3/4" at the bottom)

Finishes –

- 605 - bright brass, clear coated
- 606 - satin brass, clear coated
- 611 - bright bronze, clear coated
- 612 - satin bronze, clear coated
- 613* - oxidized satin bronze, oil rubbed
- 619 - satin nickel plated
- 625 - bright chromium plated (brass base material)
- 626 - satin chromium plated (brass base material)
- 626AM (antimicrobial available)
- 690** - dark bronze coated (brass base material)

* 613 finish is designed to wear over time, providing an "antique" appearance.

** 690 finish will continue as a dark brown appearance over time.



Electronic

Primary power – 4 AA batteries (standard). 8 AA batteries for longer life, or 4 cell shrink wrapped battery pack (optional)

* Two phase battery warning system is given via audible and visual responses reducing the potential for complete power loss.

Memory backup – Maintains programming indefinitely

Relative humidity – 10% to 90% non-condensing.

Shock – 2000 Gs RMS (maximum door-slam shock).

Compliance – Compliance to FCC, Canadian, and European EMC requirements; for interference FCC Class A digital apparatus

Keypad

Bezel size – 2-5/8" W x 3-3/8" H

Material – Bezel–High impact ABS, Keypad–Encapsulated elastomer

ESD Protection – 15KV

Button operating life – 3-5 million cycles

Button operating force – 3.88 ounces

Sealing – Weatherproof lens and gasket provides protection for outdoor use (Usable in most environmental/exterior applications)

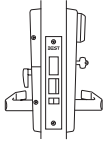
40HZ – Mortise Functions

Function & Diag.

Mechanical

Electronic

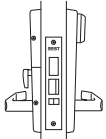
Deadbolt w/ key override (TV)



Latchbolt operated by lever either side, except when outside lever is locked by internal motor drive mechanism; latchbolt is retracted by key outside. Deadbolt operated by key outside and turn lever inside. When deadbolt is extended, turning inside lever or electronically unlocked outside lever retracts both deadbolt and latchbolt simultaneously. Auxiliary latch deadlocks latchbolt.

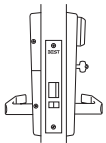
Internal motor drive mechanism operated by electronic signal when presenting valid token. Green light indicates valid access. Red light and sounder indicate invalid access attempt. Electronic sensor recognizes whether deadbolt is retracted or thrown. Lock grants access only to deadbolt-authorized personnel when deadbolt is thrown.

Deadbolt w/o key override (LV)



Latchbolt operated by lever either side, except when outside lever is locked by internal motor drive mechanism. Deadbolt operated by turn knob inside. When deadbolt is extended, turning inside lever or electronically unlocked outside lever retracts both deadbolt and latchbolt simultaneously. Auxiliary latch deadlocks latchbolt.

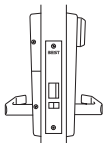
Latch w/key override (DV)



Latchbolt operated by lever either side, except when outside lever is locked by internal motor drive mechanism; latchbolt is retracted by key outside. Auxiliary latch deadlocks the latchbolt.

Internal motor drive mechanism operated by electronic signal, when presenting valid token. Green light indicates valid access. Red light and sounder indicate invalid access attempt.

Latch w/o key override (NV)



Latchbolt operated by lever either side, except when outside lever is locked by internal motor drive mechanism. Auxiliary latch deadlocks the latchbolt.

Levers/Knob

