



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)

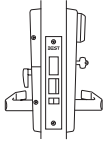
40HZ – Mortise Functions

Function & Diag.

Mechanical

Electronic

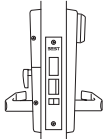
Deadbolt w/ key override (TV)



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.

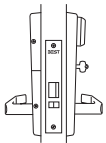
Internal motor drive mechanism operated by electronic signal when presenting valid token. Green light indicates valid access. Red light and sounder indicate invalid access attempt. Electronic sensor recognizes whether deadbolt is retracted or thrown. Lock grants access only to deadbolt-authorized personnel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

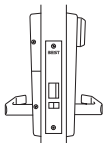
Latch w/key override (DV)



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



9KZ – Cylindrical Specifications

Mechanical

Materials – Internal parts are brass, zinc or corrosion-treated steel.

Chassis – 2-1/16" diameter to fit 2-1/8" diameter hole in door.

Strike – S3 Brass or bronze: 4-7/8" H x 1-1/4" W x 3/32" D. ANSI A115.1. STK Brass or bronze: 2-3/4" x 1-1/8" x 3/32". Fits standard door frame cut out as specified in ANSI A115.3

Backset – 2-3/4" standard; 3-3/4", 5" available

Door thickness – For doors 1-3/4" - 2-1/4" thick.

Installation – Lock dimensions requires modified door prep ANSI A156.2 Series 4000, Grade 1 to mount housing.

Latchbolt – 9/16" throw (3/4" throw optional).

Escutcheon – Dimensions: 10-1/2" H x 3-5/16" W x 1" D sloping down to 3/4"

Lever – Made from high-quality zinc alloy. Body is approximately 1-5/8" in diameter. Handle is approximately 4-3/4" in length (from center-line of chassis). (#14 and #15 conform to California Titles 19 and 24.)

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.

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

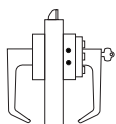
Button operating force – 3.88 ounces

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

9KZ – Cylindrical Functions

Function & Diag.

Cylindrical Latch w/key override (DV)



Mechanical

Dead locking latchbolt operated by lever either side, except when outside lever is locked by internal motor drive mechanism

Electronic

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.

EXZ Specifications

Exit Hardware Supported

Retrofits to Precision's 1000 & 2000 series, Von Duprin 98/99 series and Sargent 8000 series exit devices*.

NOTE: EXZ does not adapt to narrow style devices

* see EXZ trim chart below for valid combinations of trim and exit devices.

EXZ – Exit Hardware Specifications

Mechanical

Materials – Internal parts are brass, zinc or corrosion-treated steel. Brass or bronze, 4-7/8" x 1-1/4" x 3/32". ANSI A115.1. Strike box supplied standard. Forged trim housing.

Door Thickness – Standard lock configuration designed for doors 1-3/4 to 2-1/4" thick.

Minimum Stile Width – Mortise and rim locking types 4-3/4", surface and concealed vertical rod locking type 3-3/4"

Escutcheon – 11-5/8" H x 3-3/8" W x 1" D

Lever handle – Brass or bronze. (Lever #14 and #15 conform to California Titles 19 and 24.)

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.

Finishes –

605 - bright brass, clear coated

613* - oxidized satin bronze, oil rubbed

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 cell shrink wrapped battery pack

* 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)

Compatibility Chart

Device Type	Von Duprin 98/99	Precision 1000	Precision 2000	Sargent 8800
Rim – w/o key override	98TP, 99TP, 98L, 99L	1105, 1108	2103	8828, 8863, 8866
Mortise – w/o key override	9875TP, 9975TP, 9875L, 9975L	1305, 1308	2303	N/A
Surface Vertical Rod – w/o key override	9827TP, 9927TP, 9827L, 9927L	1205, 1208	2203	N/A
Concealed Vertical Rod – w/o key override	9847TP, 9947TP, 9847L, 9947L	1705, 1708	2703	N/A
Rim – with key override	98TP, 99TP, 98L, 99L	N/A	2103	N/A
Mortise – with key override	N/A	1305, 1308	2303	N/A
Surface Vertical Rod – with key override	9827TP, 9927TP, 9827L, 9927L	N/A	2203	N/A
Concealed Vertical Rod – with key override	9847TP, 9947TP, 9847L, 9947L	N/A	2703	N/A

How to Order

40HZ – Mortise – How To Order

Series	Core Housing	Function Code	Lever Style	Trim Style	Finish	Door Hand	Options
45HZ	0** – Less Core Housing 7 – 7-pin housing; accepts all BEST cores	DV – Latch with key TV – Deadbolt with key NV – Latch without key LV – Deadbolt without key	Levers 3 – Solid tube/return 12* – Solid tube/no return 14 – Curved/return 15 – Contour/angle return 16 – Curved/no return 17* – Gull wing 4 – Round Knob Decorative* 50–91	KP – Keypad KG – Keypad with inside trim passage toggle button	626 690 626AM* – Antimicrobial Satin* 606 612 613 619 622 Bright* 605 611 618 625	RH RHRB LH LHRB	8CE* – 8-cell battery holder assy with batteries 4SW – 4-cell shrink wrap battery P2*** – Phillips head screws Thick Door* – Specify thickness 7/8** – Flat lip strike TAC/I* – Tactile Lever Inside TAC/O* – Tactile lever Outside TAC/B* – Tactile Lever Both WS – Windstorm Label (NOA Miami–Dade County)

Indicates extra cost; see below.

** Fail safe functions (EL) and fail secure functions (EU) include a Temperature Control Module (TCM) with the price of the lock.

+See Stanley Hinges & Door Accessories price book for Wire Harness product

9KZ – Cylindrical – How To Order

Series	Backset	Core Housing	Function Code	Lever Style	Trim Style	Strike Package	Finish	Options
9KZ3	7	DV	14	KP	STK	626		
9KZ	3 – 2-3/4" 4* – 3-3/4" 5* – 5"	0*** – Non-IC and LFIC competitive cylinder (less core) 6** – 6 pin non-IC cylinder 7 – 7-pin housing; accepts all BEST cores	DV – with key	14 – Curved with return 15 – Contour angle return 16 – Curved with no return 4 – Round Knob	KP – Keypad KG – Keypad with inside trim passage toggle button S3B* – ANSI (Strike w/ Plastic Box) S3B 7/8* – ANSI (Strike w/ Plastic Box)	STK – Standard S3 – ANSI S3 – 7/8" Lip to Center Strike S3B* – ANSI (Strike w/ Plastic Box) S3B 7/8* – ANSI (Strike w/ Plastic Box)	626 690 626AM* Satin* 606 612 613 619 622 Bright* 605 611 618 625	8CE* – 8 cell battery holder assy with batteries 4SW – 4 cell shrink wrap battery P2**** – Phillips head screws LM – Lost motion 3/4* – 3/4" throw latch FRL – Full Radius Latch OB* – Non-IC zero-bitted KA* – Non-IC keyed alike KD* – Non-IC keyed different COR*** – Non IC Corbin–Russwin MED*** – Non IC Medeco SAR*** – Non IC Sargent SCH*** – Non IC Schlage YAL*** – Non IC Yale SARRC**** – LFIC Sargent CORRC**** – LFIC Corbin YALRC**** – LFIC Yale SCHRC**** – LFIC Schlage AL/O* – Abrasive Lever Outside AL/I* – Abrasive Lever Inside AL/B* – Abrasive Lever Both TL/O* – Tactile Lever Outside TL/I* – Tactile Lever Inside TL/B* – Tactile Lever Both WS – Windstorm Label (NOA Miami–Dade County)

* Indicates extra cost option.

** Six-pin cylinder in Schlage "C" keyway included with OB, KA, and KD options. Must specify "6" for core housing.

*** Cylinder not included with COR, MED, SAR, SCH, YAL, or SCHRC options. Must specify "0" for core housing.

**** T15 Torx security screws are supplied standard.

How To Order

Series	Core Housing	Function Code	Lever Style	Trim Style	Finish	Door Hand	Manufacturer	Locking Type	Options
EXZ	7	EV	15	KP	626	RHR	PH2	RM	
EXZ	0 – Less Core Housing 7 – 7-pin housing; accepts all BEST cores	EV – With key** NV – Without key	14 – Curved w/ return 15 – Contour w/ angle return	KP – Key Pad	626 690 626AM* Satin* 606 613	RHR LHR	VD9** – Von Duprin 98/99 series PH2 – Precision Hardware 2000 series SA8 – Sargent 8000 Series***	RM – Rim MO – Mortise RD – Surface and concealed vertical rods	SH* – Security head screws

*Indicates extra cost option; see below.

**The EV function (key override) is not available on the Von Duprin Mortise type.

***SA8 Only available with Rim Type device. SA8 does not work with EV function (Key Override).



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For questions about ordering and to be sure you get the right configuration for your needs, [contact your BEST dormakaba sales representative](#).
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BA-0009 ver: 08/21