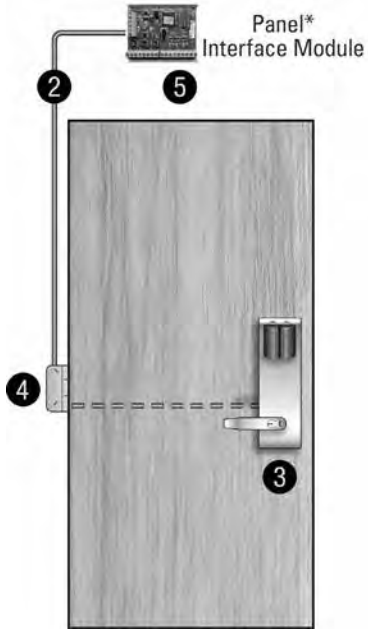
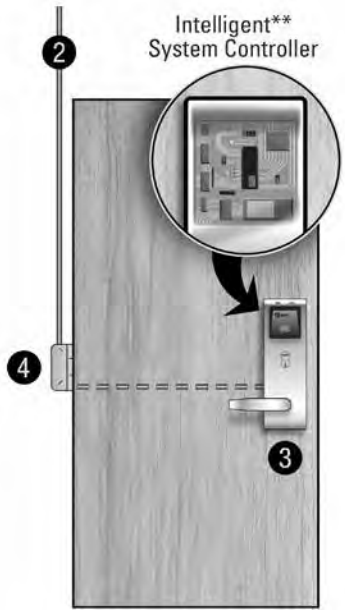
IDH MAX® & IDH MAX® 1300 COMPARISON CHART



IDH MAX®

1. Prep door for IDH MAX®
2. Run single 4 conductor wire for IDH MAX®
3. Install IDH MAX®
4. Install electrified hinge
5. Mount PIM

* Operates with most control panel hardware, including B.A.S.I.S. control panels.



IDH MAX® 1300

1. Prep door for IDH MAX®
2. Run single 4 conductor wire for IDH MAX® 1300
3. Install IDH MAX® 1300 which includes Intelligent System
4. Install electrified hinge

** Operates with B.A.S.I.S. control panels only.

HM, KM, HW & KW – OPTIONS

AL– Besides complying with a wide variety of accessibility codes and ordinances, lever handles are available with a special abrasive feature. Abrasive strip on the lever immediately identifies warnings on doors to hazardous areas for the blind.

BRK– When excessive force (approx. 300 inch lbs.) is applied to #4, #6 keyed knobs, they "breakaway" and spin freely, thus allowing entrance only by key. Simple part replacement returns lock to functional usage.

C– The easy to use quick connect system enables efficient installation to the respective BEST Lock electrical options ordered.

IDH– The Integrated Door Hardware groups three components into one hardware package. 1. Door status switch (normally closed) 2. Request-to-Exit switch (normally open) 3. Electrically controlled locking mechanism.

KNL– Knurl feature is available only on #6 knobs. The knurling is machined into the outer edge of the knob. The knurled feature can be used f blind, safety, or accessibility applications.

LL– Lead lined feature can be used to protect against X-rays. Since the majority of lead lined doors contain the lead in the surface of the door, the knob lockset provide lead lining for the holes cut in the door when preparing the door for the trim.

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.

SH– Security head provided for all exposed screws.

RQE– Cylindrical or Mortise locksets can be supplied with a request-to-exit switch. A normally open switch provides momentary switch closure when the inside lever/knob is rotated.

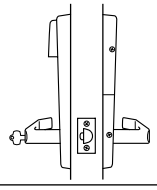
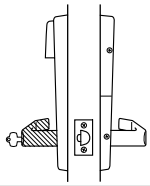
TAC– Grooves are machined into knobs to improve grip or to be used as a warning in hazardous areas. This option can be used for blind, safety or accessibility applications.

Thick door– Specify thickness if other than 1 ¾" .

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.

1300– Integrated BAS1300/LNL1300 reader electronics board or (ISC) Intelligent System Controller is embedded behind the escutcheon secured and out of site. Functions with B.A.S.I.S./Mercury on-line equipment only.
NOTE: 1300 option not available on any "EL" electrically locked functions.

9KM IDH MAX® – FUNCTIONS

Function	Latch	Outside Knob/Lever		Inside Knob/Lever	
	Operated by	Locked by	Unlocked by	Locked by	Unlocked by
DDEL–Locked 	• Rotating the inside knob/lever, • Rotating the outside knob/lever– only when power is off, • Turning the key in the outside knob/lever. Latchbolt is deadlocked	Applying power to the solenoid; remains locked while power is on.	Removing power from the solenoid	Cannot be locked	Always unlocked
	Powered by 12V DC. Temperature control module (TCM) is not needed.				
DDEU–Unlocked 	• Rotating the inside knob/lever, • Rotating the outside knob/lever– only when power is on, • Turning the key in the outside knob/lever. Latchbolt is deadlocked	Removing power from the solenoid	Applying power to the solenoid; remains unlocked while power is on.	Cannot be locked	Always unlocked
	Powered by 12V DC. Temperature control module (TCM) is not needed.				

Shading indicates a ridged lever/knob in a non-energized state.

40HW/8KW/9KW ELECTRIFIED LOCK INTRODUCTION

The 40HW, 8KW, and 9KW electromechanical locks provide fail-safe (electrically locked) and fail-secure (electrically unlocked) operation. They also provide a way to lock and unlock the door from a remote location for safety, security, or convenience through an individual switch, switch lock, relay, access control system, or other automatic control system. More importantly, these locks exhibit the same features and meet the same standards and specifications as our mechanical 40H mortise and 8K/9K heavy duty cylindrical locksets.

HOW TO ORDER STANLEY QUICK CONNECT PRE-WIRED PLUG-IN CONNECTORS

To order the Stanley Quick Connect pre-wired plug-in connectors, include the "C" suffix for the BEST Locks.
See page 20 for more details on how the Stanley Quick Connect systems works.

Example:
BEST Locks
45HW 7 DEL 14H 626 RH DSC

BEST Locks
9KW 37 DEU 15CS TK 626 24 VDC

40HW ELECTRIFIED – SPECIFICATIONS

Types:
- 12 volts AC or DC — 0.60 amps
- 24 volts AC or DC — 0.45 amps
- All EU functions: Electrically Unlocked (Fail Secure)
- All EL functions: Electrically Locked (Fail Safe)

Approval Listings:
- UL listed for GYQS Electrically-controlled singlepoint locks or latches.
- This product has been approved by the California State Fire Marshal (CSFM) pursuant to section 13144.1 of the California Health and Safety Code.
- Approved by the city of New York Board of Standards and Appeals under calendar number 49-88-SA. See CSFM listing No. 4136-1175:101 for allowable values and/or conditions fo use concerning material presented in this document. It is subject to re-examination,revisions and possible cancellation.

NOTE: All w-series locks require the use of a (TCM) Temperature Control Module. TCM and TCM connector are supplied standard with every order.

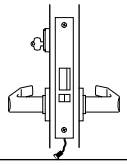
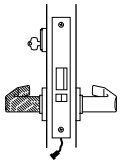
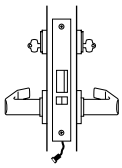
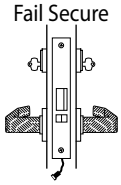
40HW Mortise
Electrically-Operated Lockset

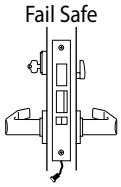
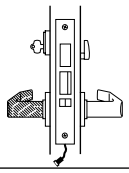
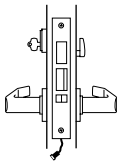
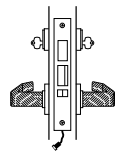
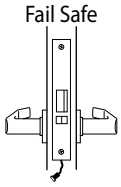
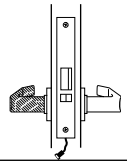
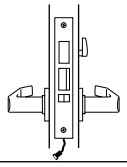
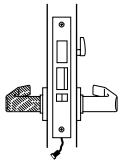
40HW ELECTRIFIED – HOW TO ORDER

45HW	7	NXEU	12	J	612	LH	RQE
Series	Core Housing	Function	Lever Style	Trim Style	Finishes†	Handing	Options†
45HW– lever 47HW– lever high security	45HW: 0– keyless or less cylinder, 7– 7 pin IC housing accepts all BEST cores 47HW: 7– 7 pin (accepts 5C cores only)	45HW/47HW: DEL–single key latch, fail safe DEU–single key latch, fail secure WEL– double key latch, fail safe WEU– double key latch, fail secure TDEL–single key deadbolt, fail safe TDEU–single key deadbolt, fail secure TWEL–double key deadbolt, fail safe TWEU–double key deadbolt, fail secure 45HW only: NXEL–keyless, latch, fail safe NXEU–keyless, latch, fail secure LEL– keyless, deadbolt, fail safe LEU– keyless, deadbolt, fail secure (pages 8–9)	Levers ♿3– solid tube/ return ♿12– solid tube/ no return ♿14– curved return ♿15– contour/ angle return ♿16– curved/no return ♿17–gullwingno return Knobs: 4– round (page 11)	45HW: H– 2 3/4" flat J– wrought M– forged N– forged concealed cylinder* S– 3 1/2" flat R– 2 3/4" concave 47HW: M– forged (page 11)	45HW: 605 606 611 612 613 618 619 625 626 690 47HW: 626 630	RH RHRB LH LHRB	AL – abrasive lever C – quick connect LL – lead lined LS – latch status DS – door status RQE – request to exit SH – security head screws TL – tactile lever Thick Door – specify thickness if other than 1 3/4" (1 3/4" min x 4" max) 12V–Specify 12 Volt System (standard lock voltage is 24V) (page 3)

* "N" trim not available on double keyed functions. †See H Series catalog for details.

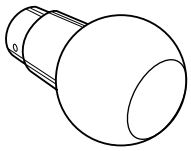
40HW ELECTRIFIED – FUNCTIONS

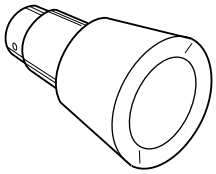
Function	Latch	Outside Knob/Lever		Inside Knob/Lever	
	Operated by	Locked by	Unlocked by	Locked by	Unlocked by
DEL–Locked Fail Safe 	• Outside knob/lever when power is removed from the solenoid • Outside key • Inside knob/lever Latchbolt is deadlocked by an auxiliary latch	Applying power to solenoid; remains locked while power is on	Removing power from solenoid	Cannot be locked	Always unlocked
	Powered by 12 or 24 volts AC/DC & 0.60 or 0.45 amps, continuous duty. Temperature control module (TCM) included.				
DEU–Unlocked Fail Secure 	• Outside knob/lever when power is applied to the solenoid • Outside key • Inside knob/lever Latchbolt is deadlocked by an auxiliary latch	Removing power from solenoid	Applying power to solenoid; remains unlocked while power is on	Cannot be locked	Always unlocked
	Powered by 12 or 24 volts AC/DC & 0.60 or 0.45 amps, continuous duty. Temperature control module (TCM) included.				
WEL–Locked Fail Safe 	• Inside and Outside knob/lever when power is removed from the solenoid • Inside/Outside key Latchbolt is deadlocked by an auxiliary latch	Applying power to solenoid; remains locked while power is on	Removing power from solenoid	Applying power to the solenoid; remains locked while power is on	Removing power from the solenoid
	Temperature control module (TCM) included.				
	Powered by 12 or 24 volts AC/DC & 0.60 or 0.45 amps, continuous duty. Applying voltage locks inside & outside knobs/levers simultaneously.				
WEU–Unlocked Fail Secure 	• Inside and Outside knob/lever when power is applied to the solenoid • Inside/Outside key Latchbolt is deadlocked by an auxiliary latch	Removing power from solenoid	Applying power to solenoid; remains unlocked while power is on	Removing power from solenoid	Applying power to solenoid; remains unlocked while power is on
	Powered by 12 or 24 volts AC/DC & 0.60 or 0.45 amps, continuous duty. Removing voltage locks inside & outside knobs/levers simultaneously. Temperature control module (TCM) included.				

Function	Latch	Outside Knob/Lever		Inside Knob/Lever	
	Operated by	Locked by	Unlocked by	Locked by	Unlocked by
TDEL–Locked Fail Safe 	• Outside key • Outside knob/lever when power is removed from the solenoid Latchbolt is deadlocked by an auxiliary latch	Applying power to solenoid; remains locked while power is on Deadbolt operated by: • Outside key • Inside thumb turn	Removing power from solenoid Deadbolt and latchbolt retracted simultaneously by: • Inside knob/lever • Outside knob/lever when power is removed.	Cannot be locked	Always unlocked
	Powered by 12 or 24 volts AC/DC & 0.60 or 0.45 amps, continuous duty. Temperature control module (TCM) included.				
TDEU–Unlocked Fail Secure 	• Outside key • Outside knob/lever when power is applied to the solenoid Latchbolt is deadlocked by an auxiliary latch	Removing power from solenoid Deadbolt operated by: • Outside key • Inside thumb turn	Applying power to solenoid; remains unlocked while power is on Deadbolt and latchbolt retracted simultaneously by: • Inside knob/lever • Outside knob/lever when power is applied.	Cannot be locked	Always unlocked
	Powered by 12 or 24 volts AC/DC & 0.60 or 0.45 amps, continuous duty. Temperature control module (TCM) included.				
TWEL–Locked Fail Safe 	• Outside & inside key • Outside & Inside knob/lever when power is removed from the solenoid Latchbolt is deadlocked by an auxiliary latch	Applying power to solenoid; remains locked while power is on Deadbolt operated by: • Outside or inside key • Outside & Inside knob/lever when power is removed from the solenoid	Removing power from solenoid	Applying power to solenoid; remains locked while power is on Temperature control module (TCM) included.	Removing power from solenoid
	Powered by 12 or 24 volts AC/DC & 0.60 or 0.45 amps, continuous duty. Applying voltage locks inside & outside knobs/levers simultaneously.				
TWEU–Unlocked Fail Secure 	• Outside & inside key • Outside & Inside knob/lever when power is applied to the solenoid Latchbolt is deadlocked by an auxiliary latch	Removing power from solenoid Deadbolt operated by: • Outside or inside key • Outside & Inside knob/lever when power is applied to the solenoid	Applying power to solenoid; remains unlocked while power is on	Removing power from solenoid Temperature control module (TCM) included.	Applying power to solenoid; remains unlocked while power is on
	Powered by 12 or 24 volts AC/DC & 0.60 or 0.45 amps, continuous duty. Removing voltage locks inside & outside knobs/levers simultaneously.				
NXEL–Locked Fail Safe 	• Outside knob/lever when power is applied to the solenoid • Inside knob/lever Latchbolt is deadlocked by an auxiliary latch	Applying power to solenoid; remains locked while power is on	Removing power from solenoid	Cannot be locked Temperature control module (TCM) included.	Always unlocked
	Powered by 12 or 24 volts AC/DC & 0.60 or 0.45 amps, continuous duty. Temperature control module (TCM) included.				
NXEU–Unlocked Fail Secure 	• Outside knob/lever when power is applied to the solenoid • Inside knob/lever Latchbolt is deadlocked by an auxiliary latch	Removing power from solenoid	Applying power to solenoid; remains unlocked while power is on	Cannot be locked	Always unlocked
	Powered by 12 or 24 volts AC/DC & 0.60 or 0.45 amps, continuous duty. Temperature control module (TCM) included.				
LEL–Locked Fail Safe 	• Outside knob/lever when power is removed from the solenoid • Inside knob/lever Latchbolt is deadlocked by an auxiliary latch	Applying power to the solenoid; remains locked while power is on Deadbolt extended by: Inside thumb turn	Removing power from the solenoid Deadbolt retracted by: • Inside thumb turn • Inside knob/lever retracts the deadbolt and latchbolt simultaneously • Outside knob/lever when power is removed	Cannot be locked	Always unlocked
	Powered by 12 or 24 volts AC/DC & 0.60 or 0.45 amps, continuous duty. Temperature control module (TCM) included.				
LEU–Unlocked Fail Secure 	• Outside knob/lever when power is applied to the solenoid • Inside knob/lever Latchbolt is deadlocked by an auxiliary latch	Removing power from the solenoid Deadbolt extended by: Inside thumb turn	Applying power to the solenoid; remains unlocked while power is on Deadbolt retracted by: • Inside thumb turn • Inside knob/lever retracts the deadbolt and latchbolt simultaneously • Outside knob/lever when power is applied	Cannot be locked	Always unlocked
	Powered by 12 or 24 volts AC/DC & 0.60 or 0.45 amps, continuous duty. Temperature control module (TCM) included.				

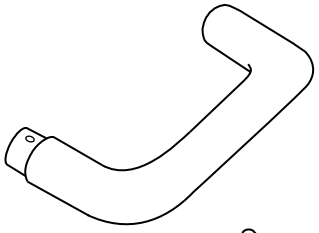
ATTENTION: Locksets that secure both sides of the door are controlled by building codes and the Life Safety Code®.
In an emergency exit situation, failure to quickly unlock the inside lever could be hazardous or even fatal.

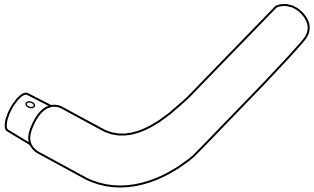
KNOB STYLES

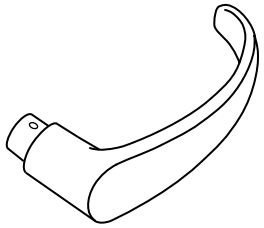

#4 knob

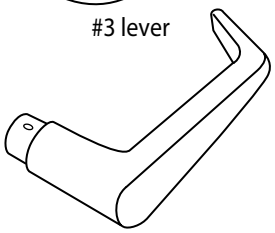

#6 knob

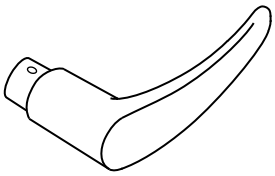
LEVER STYLES

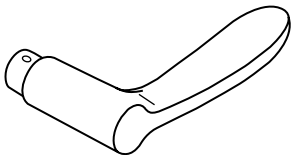

#3 lever


#12 lever

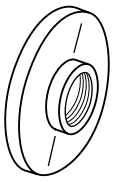

#14 lever

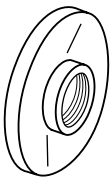

#15 lever

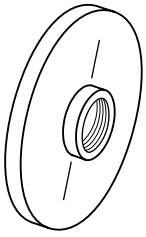

#16 lever


#17 lever

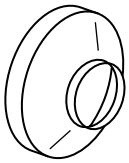
MORTISE ROSE TRIMS

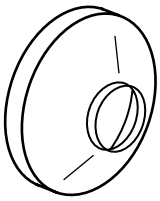

H rose

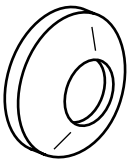

R rose

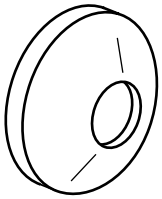

S rose

CYLINDRICAL ROSE TRIMS

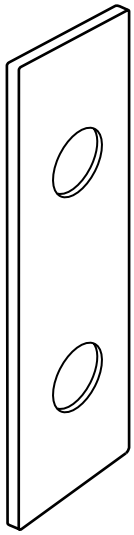

C rose

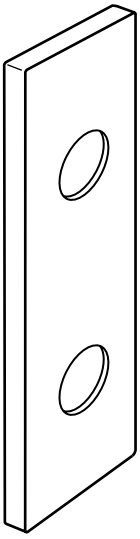

D rose

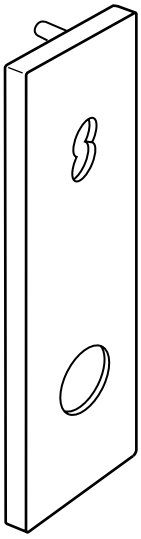

K rose


L rose

ESCUTCHEON TRIM VARIATIONS


J escutcheon


M escutcheon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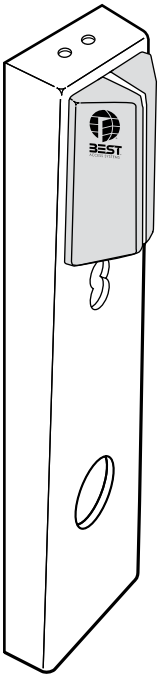
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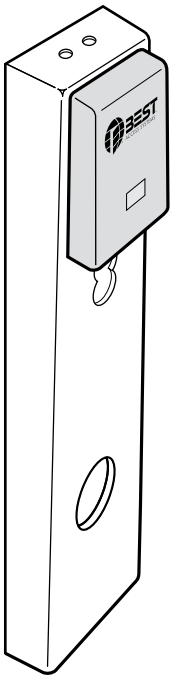
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