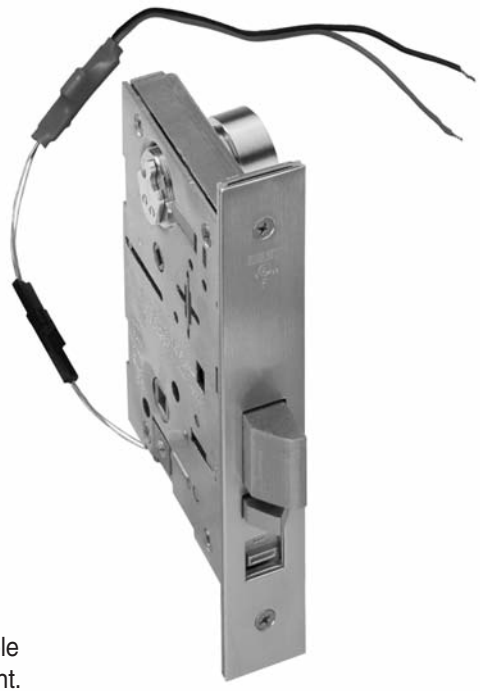
The 40HW electromechanical locks provide a way to lock or unlock a door from a remote location for safety, convenience, or security. The 8KW/9KW cylindrical and 40HW mortise locks in fail-safe or fail-secure operation. These locksets can be controlled by an individual switch, switch lock, relay, access control or other automatic control system. As expected, the 8KW/9KW and 40HW electromechanical locks exhibit the same features and meet the same specifications as our standard 8K/9K cylindrical and 40H mortise locksets.



40HW Mortise
Electrically-Operated Lockset

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.

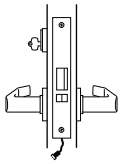
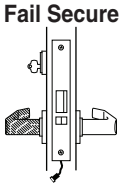
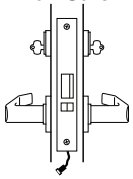
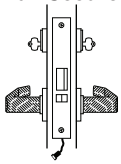
NOTE: All W-series locks require the use of a (TCM) Temperature Control Module. A TCM and TCM connector are supplied standard with every order.

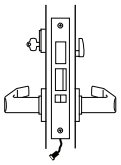
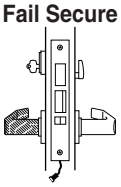
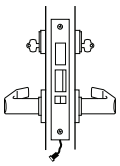
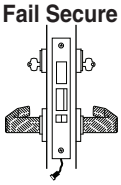
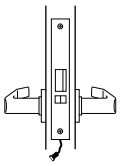
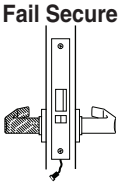
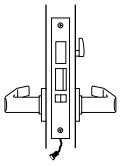
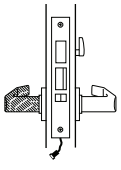
40HW ELECTRIFIED – HOW TO ORDER

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 **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–** gullwing no 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 **IDH –** integrated door hardware w/RQE & DS **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) Lock Voltage **Must specify:** 24V or 12V (page 3)

* "N" trim ***not*** available on double keyed functions. **Must specify key mark and number of keys or designate L/C for less core.
†See H Series catalog for details.

40HW ELECTRIFIED – FUNCTIONS

Function	Latch Operated by	Outside Knob or Lever Locked by	Outside Knob or Lever Unlocked by	Inside Knob or Lever Locked by	Inside Knob or Lever 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 or Lever		Inside Knob or 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	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.