

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.

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 for 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 Mortise
Electrically-Operated Lockset**

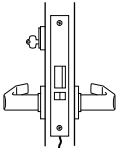
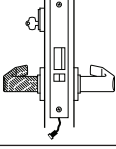
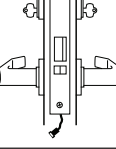
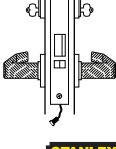
40HW ELECTRIFIED – HOW TO ORDER

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 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) <div>Lock Voltage</div> Must specify: 24V or 12V (page 3)

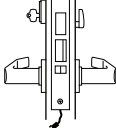
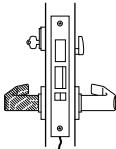
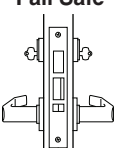
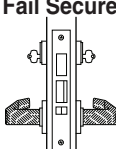




*"N" trim **not** available on double keyed functions. **Must specify key mark and number of keys or designate L/C for less core.

†See H Series catalog for details.

40HW ELECTRIFIED – FUNCTIONS

Function	Latch	Outside Knob or Lever		Inside Knob or Lever	
	Operated by	Locked by	Unlocked by	Locked by	Unlocked by
DEL–Locked Fail Safe 	<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> 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.					

40HW ELECTRIFIED – FUNCTIONS (CONTINUED)

Function	Latch	Outside Knob or Lever		Inside Knob or Lever	
	Operated by	Locked by	Unlocked by	Locked by	Unlocked by
TDEL–Locked Fail Safe 	<ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> Outside key Inside thumb turn 	Removing power from solenoid Deadbolt and latchbolt retracted simultaneously by: <ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> Outside key Inside thumb turn 	Applying power to solenoid; remains unlocked while power is on Deadbolt and latchbolt retracted simultaneously by: <ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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	Applying power to solenoid; remains locked while power is on Temperature control module (TCM) included.	Removing power from 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.					
TWEU–Unlocked Fail Secure 	<ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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	Removing power from solenoid Temperature control module (TCM) included.	Applying power to solenoid; remains unlocked while power is on Temperature control module (TCM) included.
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 	<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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.