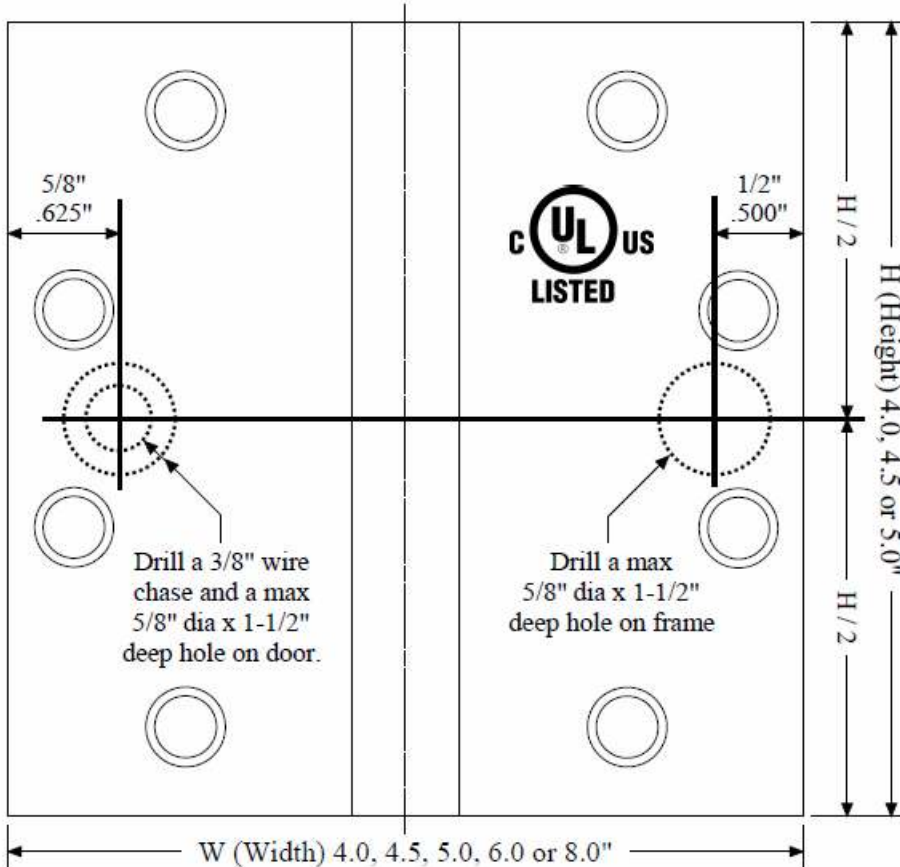


Full mortise electric hinge template

For 4B, 4C, 4F, 4R, BB, CB, FB and RB hinges in sizes shown
For SC4B, SC4C, SC4F, SCBB, SCCB and SCFB 4.5 or 5.0" square or beveled hinges



EH hinge is used to pass low voltage power from the frame to other hardware devices on door such as power lock sets, exit devices and other door monitoring devices and UL listed for fire door application.

EH Hinge is non-handed and non-load bearing. **Hinge must be mounted in center position only.**

Do not allow hinge to dangle from its wire during handling and installation. Damage will occur.

Steel hinge is for interior use only. Use stainless steel or brass hinge for exterior application.

Refer to the template of a specific hinge type and size for screw hole location and size.

	2+4 wire	2-wire	4-wire	8-wire	10-wire
Part number suffix	EH24	EH2	EH4	EH8	EH10
Wire size	2 20-AWG + 4 30-AWG	2 20-AWG	4 28-AWG	8 30-AWG	10 30-AWG
Max continuous current @ 24V	20-AWG pair - 3A 30-AWG pair - .1A	20-AWG pair - 3A	1st pair - 1A 2nd pair - .1A	1st pair - 1A other 3 pairs - .1A	1st pair - 1A other 4 pairs - .1A

Door preparation:

- 1) Drill and deburr a hole through the door for wire chase with a 3/8" drill bit starting at location shown in above diagram.
- 2) Drill and deburr a maximum 5/8" diameter by 1-1/2" deep starter hole at the same starting point.

Frame preparation:

- 1) Drill and deburr a maximum 5/8" diameter by 1-1/2" deep starter hole at location shown in above diagram.

NOTE: For fire rated condition, check with appropriate agency for the maximum starter hole diameter and depth allowed.

EH hinge installation:

- 1) Do not disassemble hinge. Disassembly voids warranty.
- 2) Connect hinge wires to source and device wires. It is not recommended to splice 28 AWG wires to any wires heavier than 20 AWG or splice 30 AWG wires to any wires heavier than 22 AWG. Do not dangle the hinge from its wires.
- 3) Slide spliced wires into starter hole and use the screws provided to mount hinge. Be careful not to scrape wires across sharp edges or pinch wires against door/frame.