



ELECTRIFIED HINGES

**ITEM CODES: EH, EMH, EH2BB-4.543.5, EH2BB-4.54.54.6 & EH4BB-4.54.54.6 SERIES
STAINLESS STEEL FULL MORTISE ELECTRIFIED HINGES**



Features:

- Area of application: Wooden or metal doors.
- Electrified hinge is the ideal way to pass low voltage power and/or signaling from the hinge jamb to the leaf (lock-set or electrified latch retraction kit or any electrified hardware) without any exposed wired.
- Commonly used with electrified mortise & cylindrical locks, electric strikes (when a pair of doors), electrified exit trims, electrified latch retraction kit, door mounted card readers and low voltage door lights.
- Switch rating: Electrical: 50-100 mA 30VDC. In rush-current: NC & NO: 0.5 A max.
- Available in 5 knuckles (standard and heavy weight).
- Base material: Stainless steel EN 1.4301 (type 304). Optional in stainless steel EN 1.4401 (type SUS316).
- UL listed and examined to UL10C. UL unique file #: GWZQ. R38368, suitable for fire rated up to and including 3 hours.
- Template hinge dimensions, screw holes location and tolerance in accordance with ANSI standard A156.7.
- Hinge meets the requirement of NFPA80-2013.
- Mechanically certified to ANSI/BHMA standard A156.1-2016 – (ANSI A5111), grade one (2,500,000 cycles).
- Square corners. Optional round corners (radius 6.4 mm or 16 mm). Clear/free gap: 1.6 mm.
- 4 feet lead at no additional charge.
- Non-conductive wire access cap for added wire protection.
- Available: EH, EH2BB and EH4BB (Electrified hinges), used to pass low voltage power (2 wires up to 12 wires, wire gauge from 18 up to 28) and EMH (Electrified Monitoring Hinges), provides a door position sensor in the hinge itself.
- The quantity and required gauge of the wires depends on the hardware being used, must consult Durable Collection before specifying/ordering.
- Supplied with:
 - For steel doors: 1 pair of hinge & 16 pcs flat head & countersunk machine screws (12-24 x 1/2").
 - For wood doors: 1 pair of hinge & 16 pcs flat head and countersunk wood screws (#12 x 1 1/4").
- Standard finish: satin stainless steel (BHMA finish code # 630). Other finishes are available upon request.

