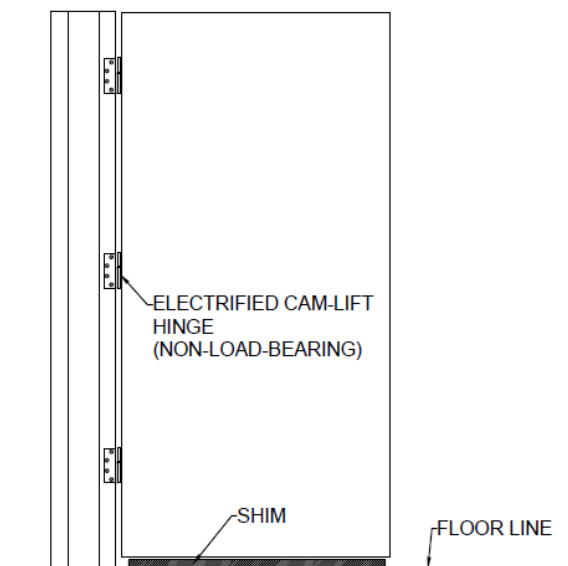
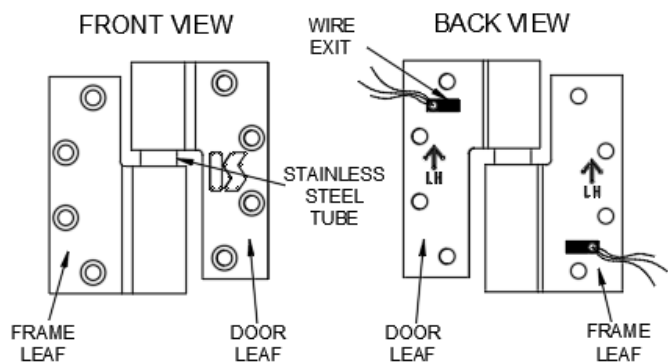


ELECTRIFIED CAM-LIFT HINGE INSTALLATION

- Krieger electrified cam-lift hinges are used to pass low voltage power and/or signaling from a door frame to the door in order to power locksets, exit devices, and door monitoring devices such as positions switches and request-to-exit switches.
- Krieger electrified cam-lift hinges are custom designed and cast from stainless steel. These hinges are available in US32D (Satin Finish) or 2D (Glass beaded primer & paint ready). Custom finishes, custom wire coils (>10 conductors) and UL listed hinges can be provided per customer request.
- The electrified cam-lift hinge is non-camming and non-load bearing. It is an hollow shell designed to match the appearance of a cam-lift hinge.



INSTALLATION INSTRUCTIONS

- Refer to Krieger IG #135 to first install the load-bearing cam-lift hinges as required. The electrified cam-lift hinge must be the last hinge installed into an assembly. After all load-bearing cam-lift hinges are installed, you may remove the shim at the door bottom.
- Review the electrified door hardware's wiring diagrams to determine what wires should be used and how many are required for the application. Besides red and black, all other wires in the coil are not dedicated to a specific function and do not have to match in color with the wiring of the raceway cable and/or the building wiring, as long as the electrical connections pathway is consistent.
- With the door open at the 90 degree position, begin connecting the wires to the electrified cam-lift hinge as required. We recommend the use of butt connectors or push-in quick connects. Any unused wires should be capped off, trimmed down and secured together with electrical tape.
- After all the wiring is complete, you may install the flat head machine screws into the hinge pads. Be careful not to pinch wires when securing the hinge. Do not allow the hinge to dangle by the wire during installation.
- Conductor specs: **Red & Black:** 20 Gauge, Max 4.0 Continuous Amps @ 24V DC. Surge/Pair (.5 Sec) Max 16.0 Amps @ 24V DC. **Gray, Blue, Purple, Brown, Yellow, White, Orange, Green:** 28 Gauge, Max 1.0 Continuous Amps @ 24V DC. Surge/Pair (.5 Sec) Max 1.0 Amps @ 24V DC.