



What to Know Before Getting Started

- First install the load-bearing Cam Lift Hinges as required; the electrified Cam Lift Hinge must be the last hinge installed into an assembly.
- Refer to **Installation Guide 135** for load-bearing Cam Lift Hinge installation instructions.



Download guide

https://www.kriegerproducts.com/support/manuals/IG_135.pdf

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

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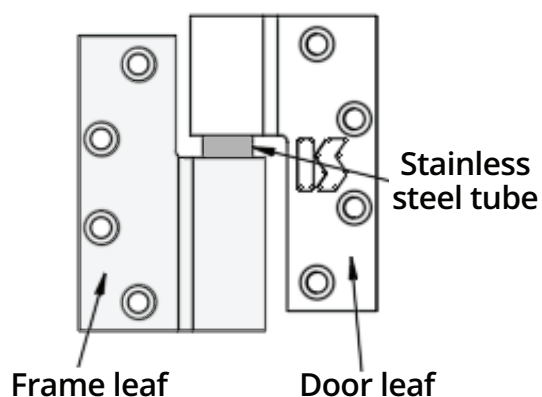


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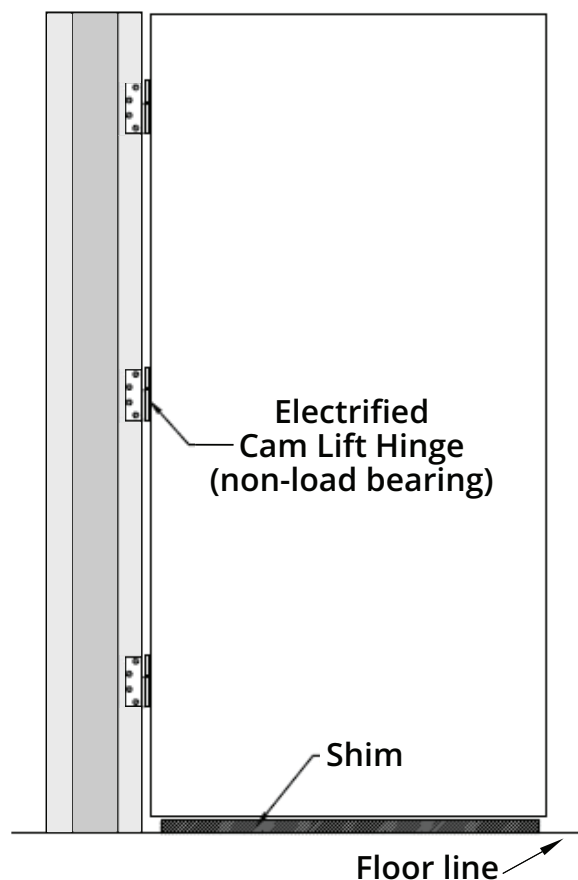
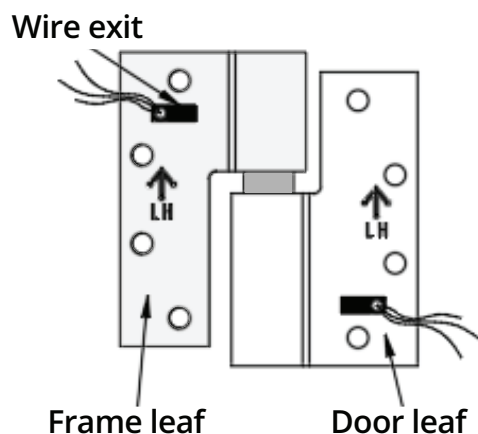
Overview

- 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 (REX) 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- and 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 a hollow shell designed to match the appearance of a Cam Lift Hinge.

Front View



Back View



Rev 2-060725

Installation Instructions

STEP 1

- First install the load-bearing Cam Lift Hinges as required (see **IG 135** for instructions).
- 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.

STEP 2

- Review the electrified door hardware 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.

STEP 3

- With the door open at the 90 degree position, begin connecting the wires to the electrified Cam Lift Hinge as required.
- We recommend using butt connectors or push-in quick connects. Any unused wires should be capped off, trimmed down, and secured together with electrical tape.

STEP 4

- 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.

End Instructions