



## 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](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



### We're Here to Help

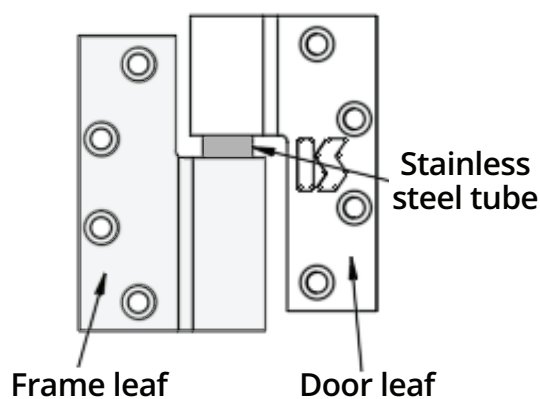
At Krieger, we understand every project is unique. If after reviewing this guide, you have any questions or concerns about installing, adjusting, or maintaining your Krieger product, our engineering department is here to help.

Please call us at **562-695-0645** or reach out to your regional sales representative. Visit [kriegerproducts.com/contact/](https://www.kriegerproducts.com/contact/) for more information.

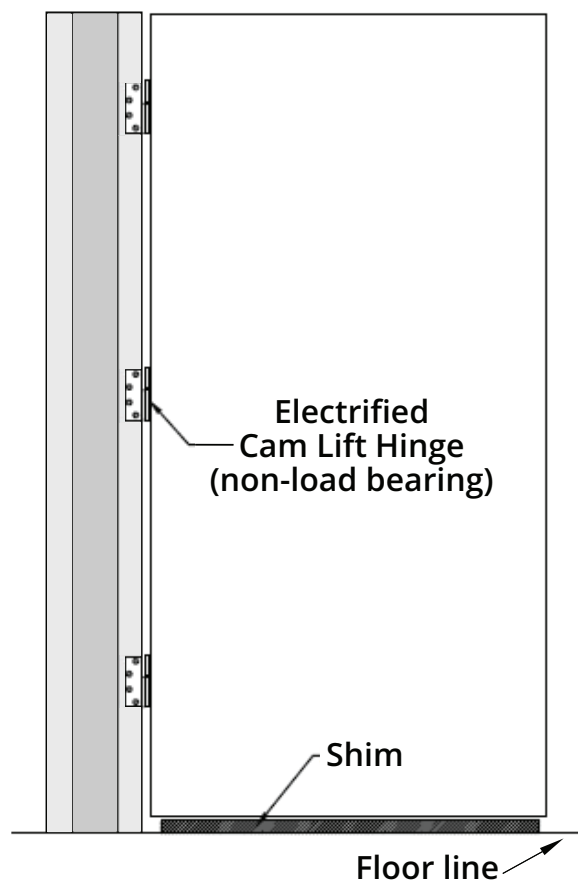
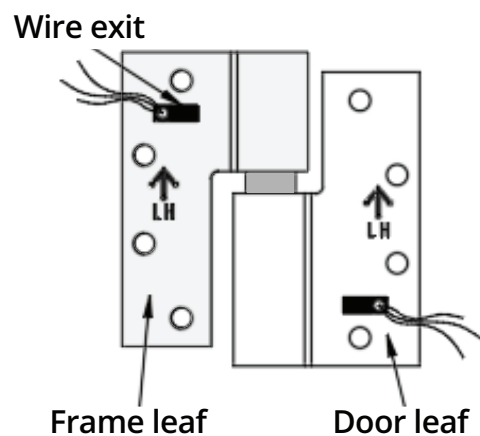
## Overview

- 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. 010524

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## Installation Instructions

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### 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.

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### 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.

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### 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.

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### 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