



What to Know Before Getting Started

- First install the HC30 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 134** for load-bearing HC30 Cam Lift Hinge installation instructions.



Download guide

https://www.kriegerproducts.com/support/manuals/IG_134.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

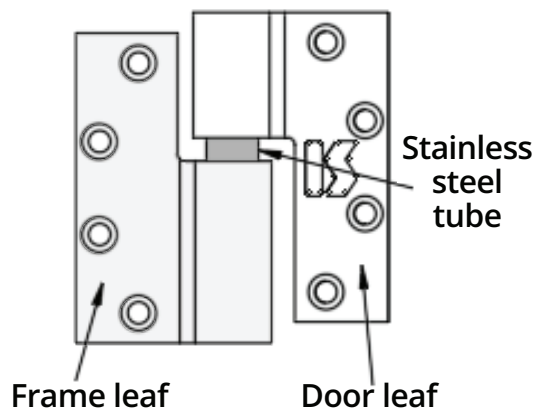
At Krieger, we understand every project is unique. If after reviewing this guide, you have any questions or concerns about installing, adjusting, or maintaining your Krieger product, our engineering department is here to help.

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.

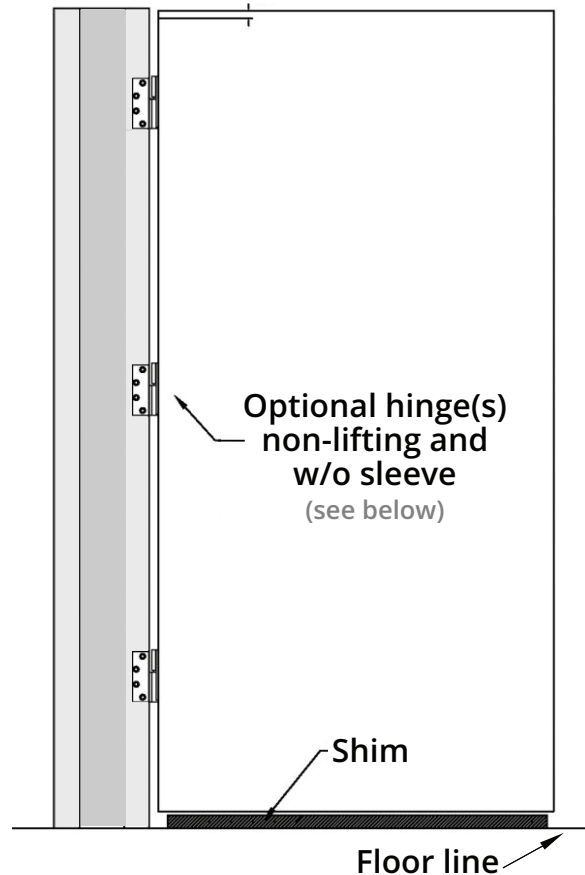
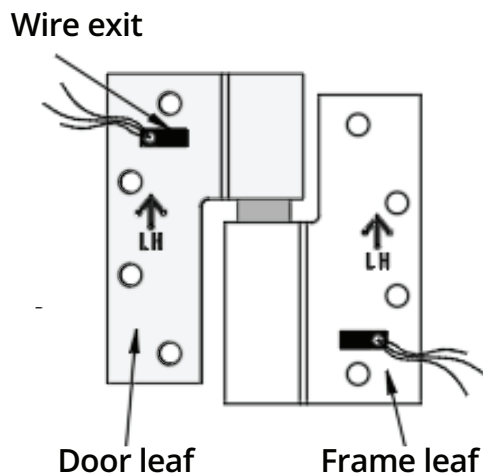
Overview

- Krieger HC30 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 HC30 electrified Cam Lift Hinges are designed for longevity and machined from stainless steel. The 12-conductor flexible connector is UL634 listed.
- The electrified Cam Lift Hinge is non-lifting and non-load bearing. It is a non-handed hollow shell designed to match the outer appearance of a Cam Lift Hinge. The handing indicated on the hinge is for aesthetic continuity, not functionality.

Front View



Back View



Rev. 010524

Installation Instructions

STEP 1

- 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.
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STEP 2

- With the door open at 90 degrees, begin connecting the wires to the electrified Cam Lift Hinge as required. The frame side wires come factory prepped with pins; the door side wires come factory prepped with 2 factory-installed 4-conductor molex plugs.
 - Any unused wires should be capped off, trimmed down, and secured together with electrical tape.
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STEP 3

- 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