

15/25/28kV Cold Shrink Hammerhead

Product Data Sheet

The Richards 15/25/28kV Cold Shrink Hammerhead is an innovative Deadbreak Elbow design that eliminates the need for several components and simplifies the installation process. This range-taking design obsoletes the need for a Cable Adapter and features an Integral Jacket Seal.

The CSH Series is molded in the USA from EPDM compounds produced in-house by our polymer production division. The Deadbreak "T-body" is fully-shielded, submersible and available with or without a capacitive test point.

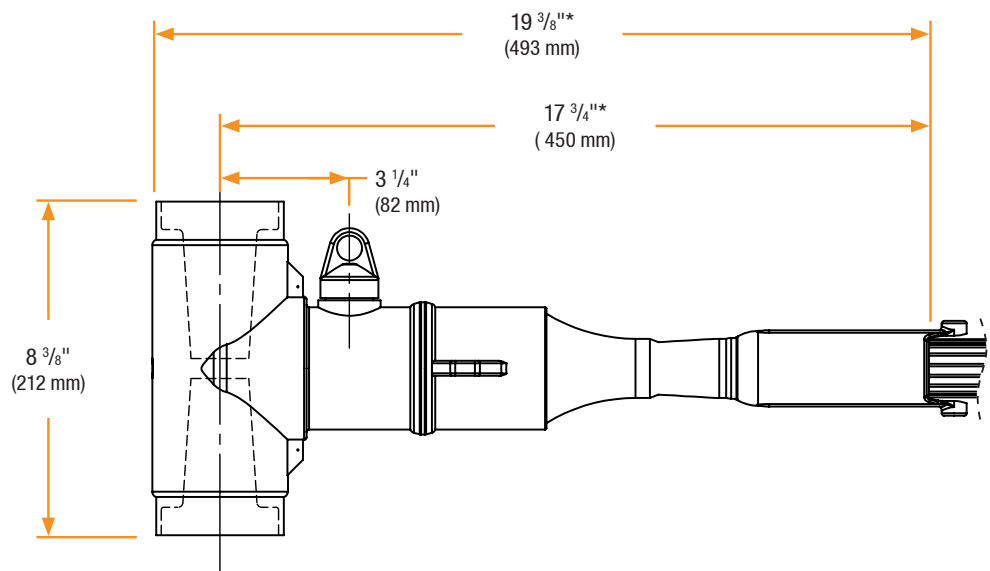
A variety of accessories are available for insulating, testing, grounding and paralleling circuits. The current-rating of the Deadbreak Elbow housing is determined by the metallic components utilized to make the connection. If all-copper components are used, the Deadbreak Elbow assembly has a 900A rating. Otherwise, the assembly is rated for 600A.



Features

- All-in-One Solution
- Range Taking
- 100% EPDM Composition
- Injection Molded & Peroxide-Cured
- Designed, Molded, and Tested in the USA
- Fully-Shielded/Deadfront
- Optional Capacitive Test Point

Basic Dimensions - Installed on Cable



* Approximate length - varies by cable size.

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Installation

15/25/28kV Cold Shrink Hammerhead installation is covered by:
RP-II-92CSH

Related Products

P625HIP-STUD

15/25/28kV Aluminum Threaded Stud

P925HIP-STUD

15/25/28kV Copper Threaded Stud

P6AL-X

Aluminum Compression Lug

P9CU-X

Copper Compression Lug

P6ALR-X

Aluminum Range Taking Lug

P7ALCU-X

Copper-Top Compression Lug

P625HIP

15/25/28kV Aluminum Insulating Plug

P925HIP

15/25/28kV Copper Insulating Plug

P615ETP

15kV Loadbreak Elbow Tap Plug

P625ETP

25kV Loadbreak Elbow Tap Plug

Applications



Outdoor



Vaults



Enclosures



Direct Bury



Submersible

Production Testing

IEEE requires a Partial Discharge test and choice between AC withstand and Impulse.

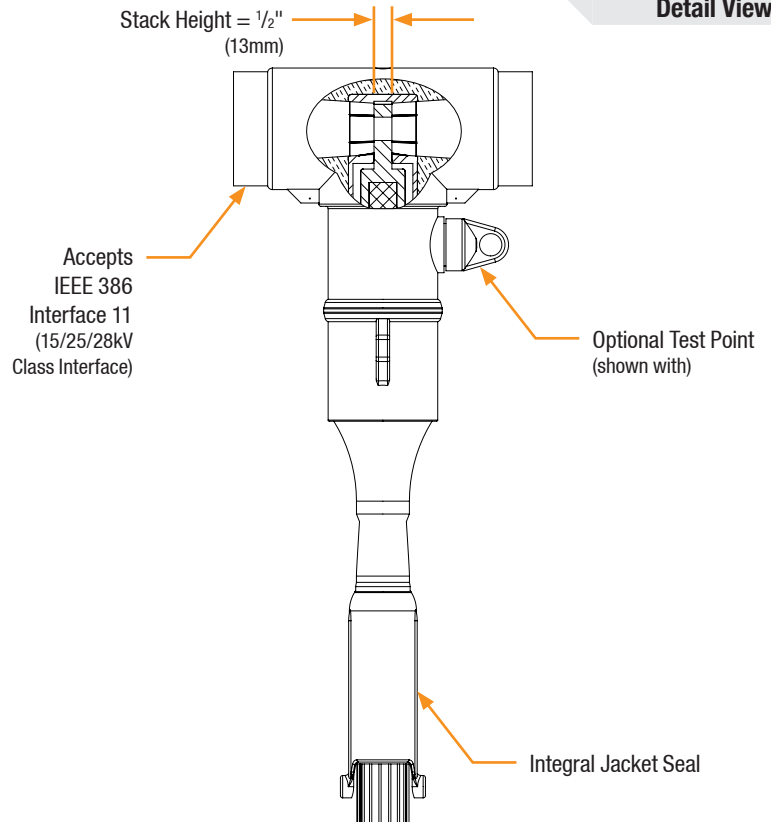
Richards runs 3/3 tests on **all** Medium Voltage products governed by IEEE 386.[®]

100% Routine Electrical Test:

- Partial Discharge
- AC Withstand
- Impulse Withstand

[®] Exceeds IEEE 386 requirement

Detail View



Product Ratings

| Voltage Ratings | |
|---|------------------------|
| Maximum Voltage Rating – (phase to ground) | 16.2kV |
| Corona Voltage Level – (partial discharge extinction voltage) | 30kV [®] |
| AC Withstand – (1 minute) | 45kV |
| Impulse-Withstand Voltage – (BIL) | 162kV BIL [®] |

| Continuous Current Ratings | |
|----------------------------|------|
| Aluminum | 600A |
| Copper | 900A |

| Short-Time Current Ratings | |
|----------------------------|--------------------------|
| Aluminum | 25kA, 10c. and 10kA, 3s. |
| Copper | 40kA, 10c. and 10kA, 3s. |

The 15/25/28kV Class CSH is qualified to the following industry standards:

- IEEE Std 386: For Separable Insulated Connector Systems
- ANSI C119.4: For Electric Connectors
- IEEE Std 592: For Exposed Semiconducting Shields