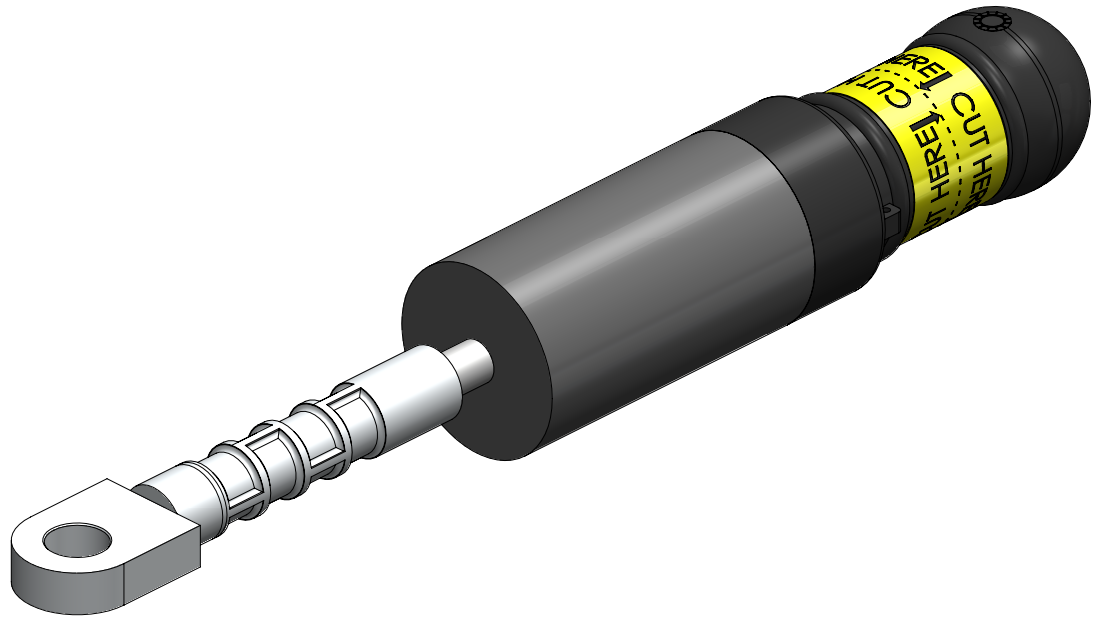


# 15/25/28/35kV Deadbreak Spiking Stem

Product Data Sheet

The DSS Series Spiking Stem provides system operation crews with an efficient and convenient method for spiking to verify the circuit is de-energized. For customers who employ "spiking" as a safety procedure, the spiking stem eliminates the need to field-prepare a spiking attachment using power cable.

The DSS is factory tested, eliminating any guess work that occurs when building a sacrificial spiking extension in the field. This accessory is compatible with the Richards Disconnectable Joint system and can easily be added to any configuration with a spare position.

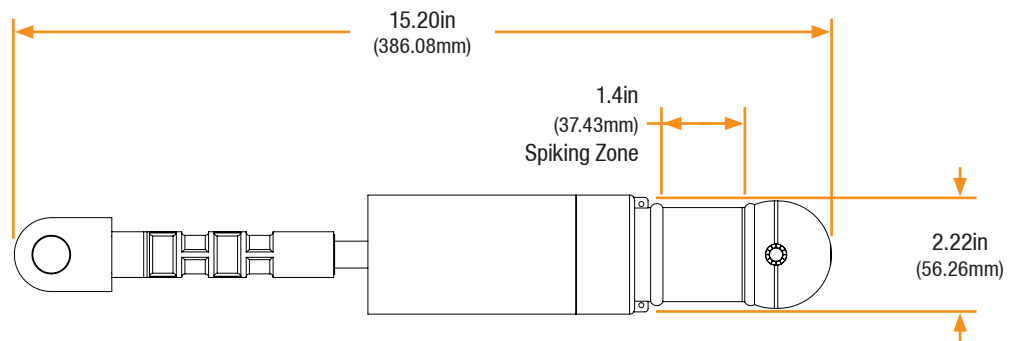


## Features

- EPDM Rubber Construction
- High Conductivity Copper Contact
- Sacrificial and Replaceable
- Usable with existing joint installations
- Works with Premolded and Cold Shrink\* Sleeves
- Pre-installed compression lug
- Fully-shielded and submersible

\* Cold Shrink Sleeves for use with spiking stems are supplied with a shorter jacket seal and must be ordered with a spiking stem kit.

## Basic Dimensions



# 15/25/28/35kV Deadbreak Spiking Stem

## Installation

15/25/28/35kV Deadbreak Elbow Spiking Stem installation is covered by: **RP-II-93DSS**

## Related Products

### P625JS

15/25/28kV Disconnectable Standard Sleeve

### P635JS

35kV Disconnectable Standard Sleeve

### P625JSCS\*

15/25/28kV Disconnectable Cold Shrink Sleeve

### P635JSCS\*

35kV Disconnectable Cold Shrink Sleeve

### P6JPB

Barrier Bolt

\* Cold Shrink Sleeves for use with spiking stems are supplied with a shorter jacket seal and must be ordered with a spiking stem kit.

## Production Testing

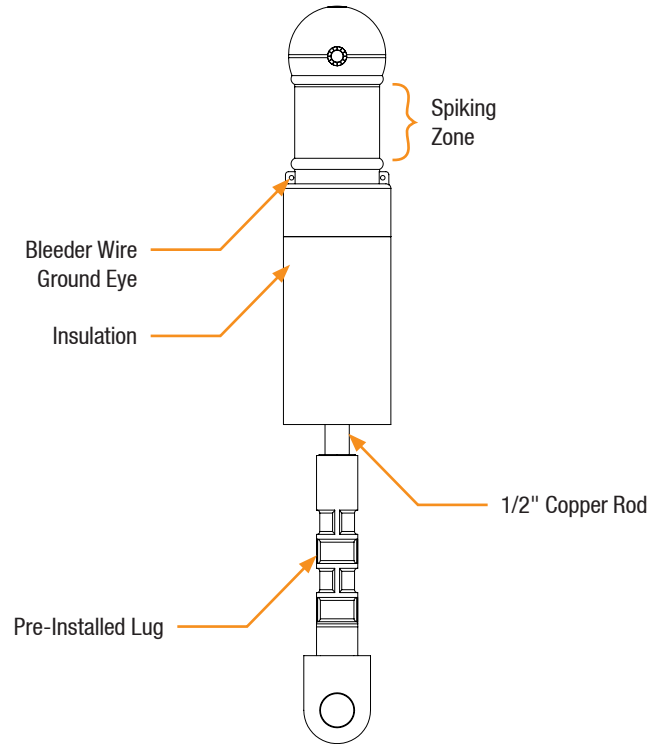
IEEE requires a Partial Discharge test and choice between AC withstand and Impulse. Richards runs 3/3 tests on **all** Medium Voltage products governed by IEEE 386. <sup>®</sup>

### 100% Routine Electrical Test:

- Partial Discharge
- AC Withstand
- Impulse Withstand

<sup>®</sup> Exceeds IEEE 386 requirement

## Detail View



## Product Ratings

Voltage Ratings	
Maximum Voltage Rating – (phase to ground)	21.1kV
Corona Voltage Level – (partial discharge extinction voltage)	30kV <sup>®</sup>
AC Withstand – (1 minute)	50kV
Impulse-Withstand Voltage – (BIL)	162kV BIL <sup>®</sup>

The 15/25/28/35kV Deadbreak Spiking Stem 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