

# 15/25kV Deadbreak Insulating Cap

Product Data Sheet

The Richards 15/25kV Deadbreak Insulating Cap provides a means to insulate 600 or 900A 15/25kV Deadbreak interfaces (IEEE 386, Interface 11). The Deadbreak Insulating Cap is available with a molded Aluminum contact (P625IC) or molded Copper contact (P925IC).

The Deadbreak Insulating Cap is supplied with a 36" #12 AWG tinned copper ground wire and comes standard with a capacitive test point for system operators to test for voltage using suitable equipment.

By default, caps come with a loose threaded stud.

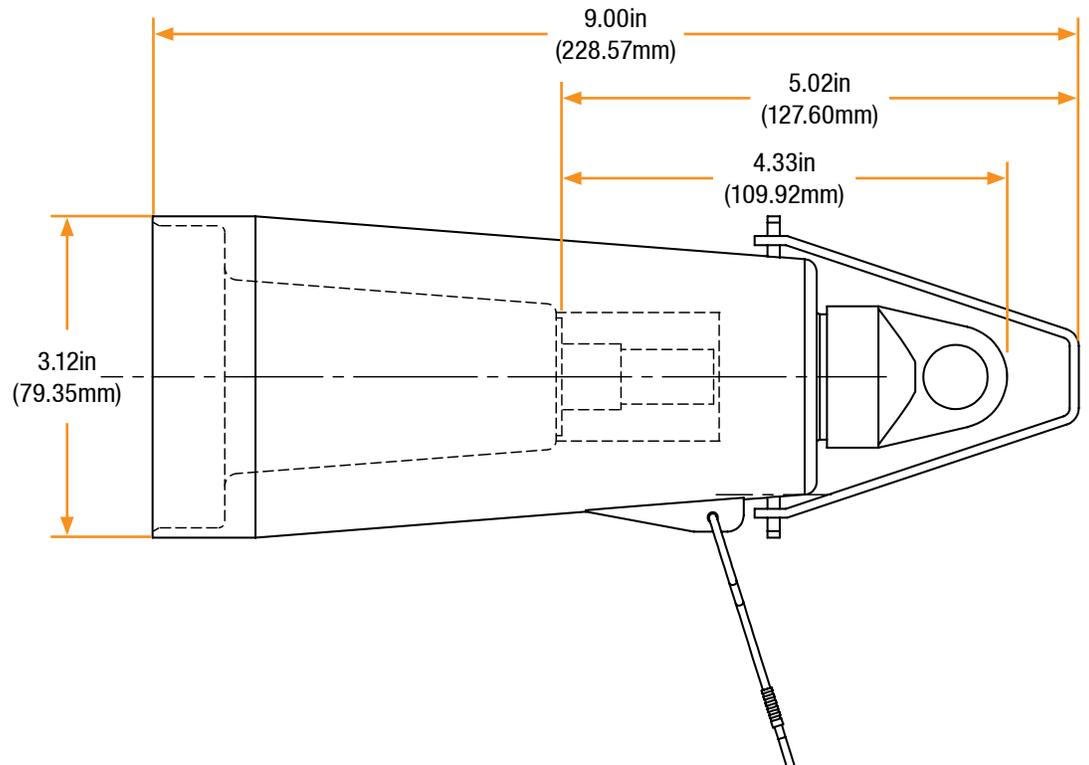
To order with a factory-installed threaded stud, add "-S" to the part number.



## Features

- 100% EPDM Composition
- Injection Molded & Peroxide-Cured
- Made in the USA
- Fully-Shielded/Deadfront
- Submersible
- Optional Capacitive Test Point

## Basic Dimensions



# 15/25kV Deadbreak Insulating Cap

## Installation

Installation of a Deadbreak Insulating Cap P625IC/P925IC is covered by: **RP-II-IC**

## Related Products

### P625HIP-STUD

15/25kV Aluminum Threaded Stud

### P925HIP-STUD

15/25kV Copper Threaded Stud

### P625HIP

15/25kV 600A Deadbreak Insulating Plug

### P925HIP

15/25kV 900A Deadbreak Insulating Plug

### P625CPR

15/25kV 600A Deadbreak Connecting Plug

### P925CPR

15/25kV 900A Deadbreak Connecting Plug

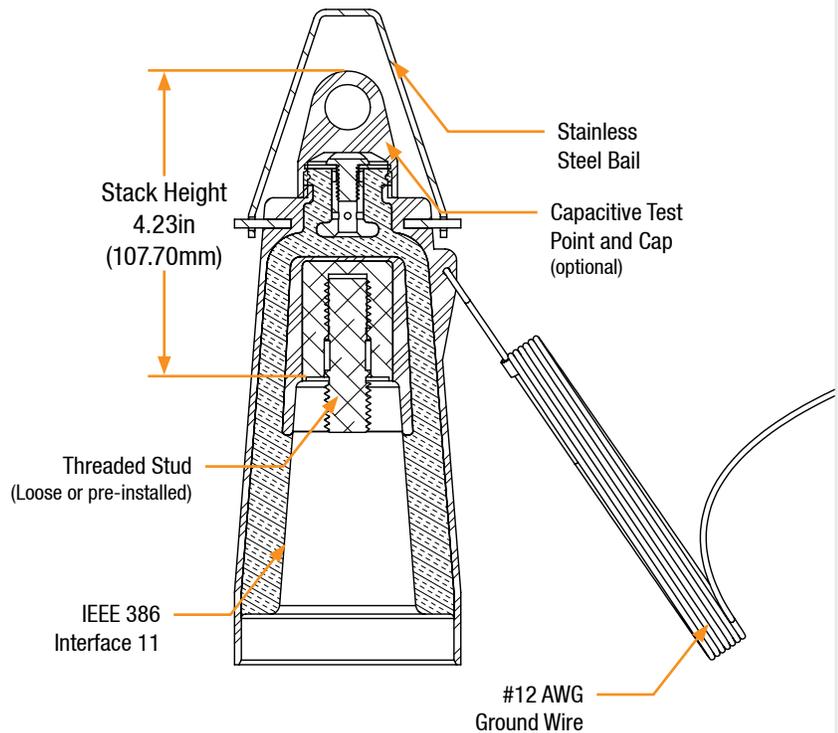
### P625AB

15/25kV 600A Deadbreak Apparatus Bushings

### P925AB

15/25kV 900A Deadbreak Apparatus Bushings

## Detail View



## 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

## Product Ratings

Voltage Class, Phase-to-Phase	15kV • 25kV
Maximum Voltage Rating – (phase to ground)	15.2kV
Corona Voltage Level – (partial discharge extinction voltage)	22kV <sup>®</sup>
AC Withstand, 1 minute	42kV <sup>®</sup>
Impulse-Withstand Voltage – (BIL)	125kV BIL

Continuous Current	
Aluminum	600A
Copper	900A

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

The 15/25kV Deadbreak Insulating Cap 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

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