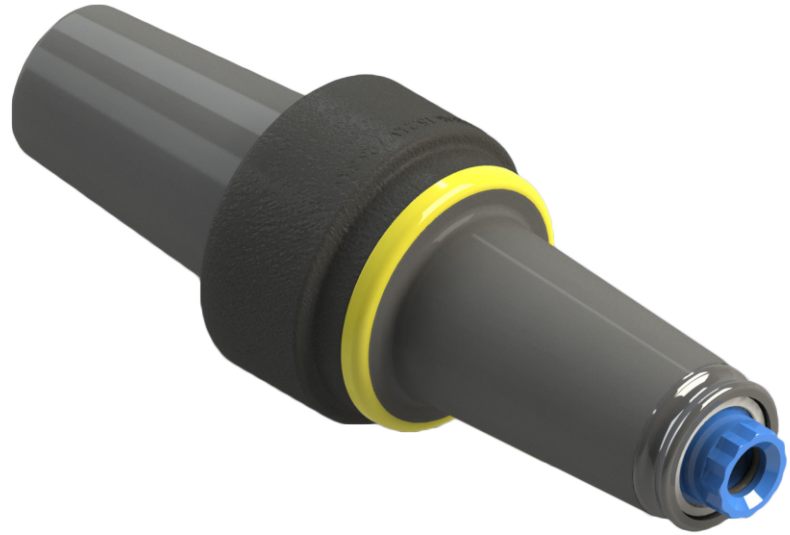


25kV Loadbreak Elbow Tap Plug

Product Data Sheet

The Richards 25kV Elbow Tap Plug (P625ETP) converts a 15/25kV Deadbreak interface (IEEE 386 Interface 11) to a 25kV 200A Loadbreak interface (IEEE 386 Interface 7A). This allows a component such as Loadbreak Elbow, Loadbreak Insulating Cap or Arrester to be installed. The Elbow Tap Plug features a yellow seating indicator ring which becomes completely covered once the appropriate mating component is fully seated.

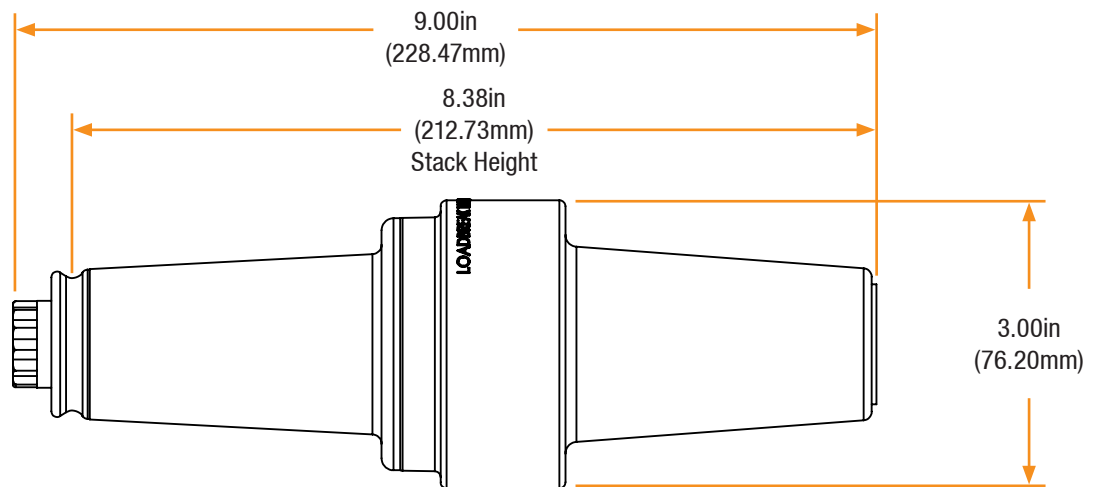
The Elbow Tap Plug is torqued by engaging an internal 3/8" hex broach using the P6AT (or similar) assembly tool.



Features

- 100% EPDM Composition
- Injection Molded & Peroxide-Cured
- Made in the USA
- Yellow Seating Indicator Ring

Basic Dimensions



25kV Loadbreak Elbow Tap Plug

Installation

25kV Loadbreak Elbow Tap Plug installation is covered by:
RP-II-ETP

Related Products

P625HIP-STUD

15/25kV Aluminum Threaded Stud

P925HIP-STUD

15/25kV 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

62LCN/62LCT

15/25kV Deabreak Elbow

92LCN/92LCT

15/25kV Deabreak Elbow

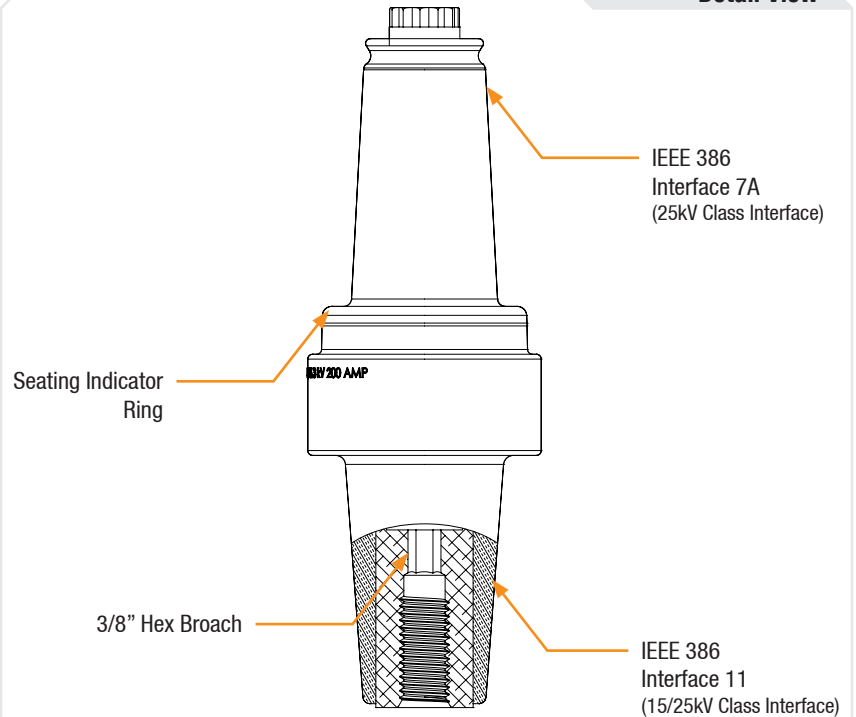
P625HIP

15/25kV Aluminum Insulating Plug

P925HIP

15/25kV Copper Insulating Plug

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. [®]

100% Routine Electrical Test:

- Partial Discharge
- AC Withstand
- Impulse Withstand

Product Ratings

Voltage Ratings

Maximum Voltage Rating – (phase to ground)	15.2kV
Corona Voltage Level – (partial discharge extinction voltage)	19kV
AC Withstand – (1 minute)	40kV
Impulse-Withstand Voltage – (BIL)	125kV

Current Ratings (Deadbreak Side)

Continuous	600A
Short-Time Current	25kA, 10c. and 10kA, 3s.

Current Ratings (Loadbreak Side)

Continuous	200A
Short-Time Current	10kA, 10c. and 3.5kA, 3s.

The 25kV Loadbreak Elbow Tap Plug is qualified to the following industry standards:

- ANSI/IEEE Std. 386-2016 (OIAW Level 2): For Separable Insulated Connector Systems
- ANSI C119.4: For Electric Connectors
- IEEE Std 592: For Exposed Semiconducting Shields

[®] Exceeds IEEE 386 requirement