Richards MANUFACTURING CO.

P625BE
P925BE

15/25/28kV Bushing Extender

Product Data Sheet

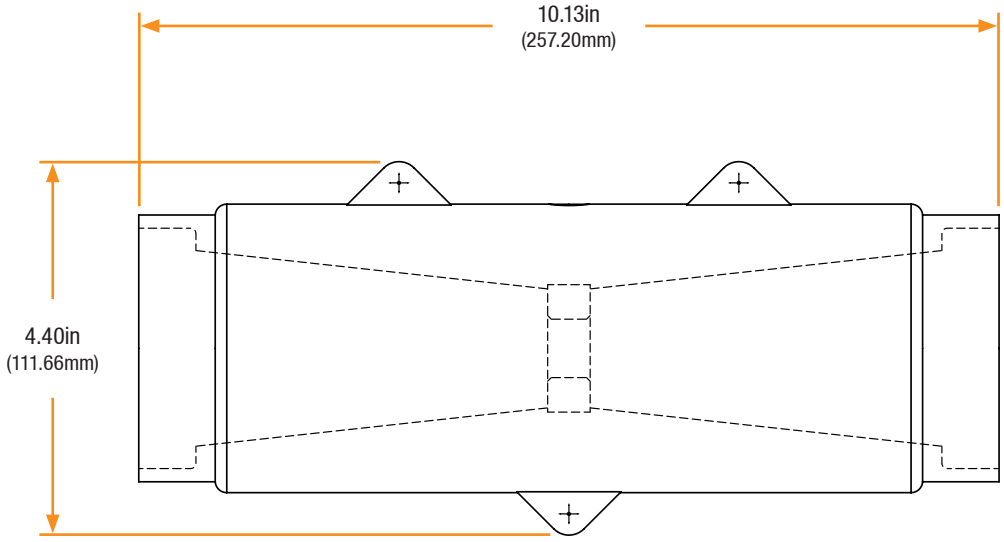
Richards 15/25/28kV 600A (P625BE) and 900A (P925BE) Bushing Extender provides an insulated, fully shielded connection between an apparatus bushing and another 15/25/28kV Deadbreak interface connection.

Deadbreak Bushing Extenders can be used for spacing purposes as well as for accommodating other 15/25/28kV Deadbreak accessories.

Features

- 100% EPDM Composition
- Injection Molded & Peroxide-Cured
- Fully-Shielded/Deadfront
- Submersible
- Designed, Molded, and Tested in the USA

Basic Dimensions



Richards MANUFACTURING CO.

P625BE
P925BE

15/25/28kV Bushing Extender

Installation

15/25/28kV Bushing Extender installation is covered by:
RP-II-BE

Related Products

P625HIP-STUD
15/25/28kV Aluminum Threaded Stud

P925HIP-STUD
15/25/28kV Copper Threaded Stud

P625HIP
15/25/28kV Aluminum Insulating Plug

P925HIP
15/25/28kV Copper Insulating Plug

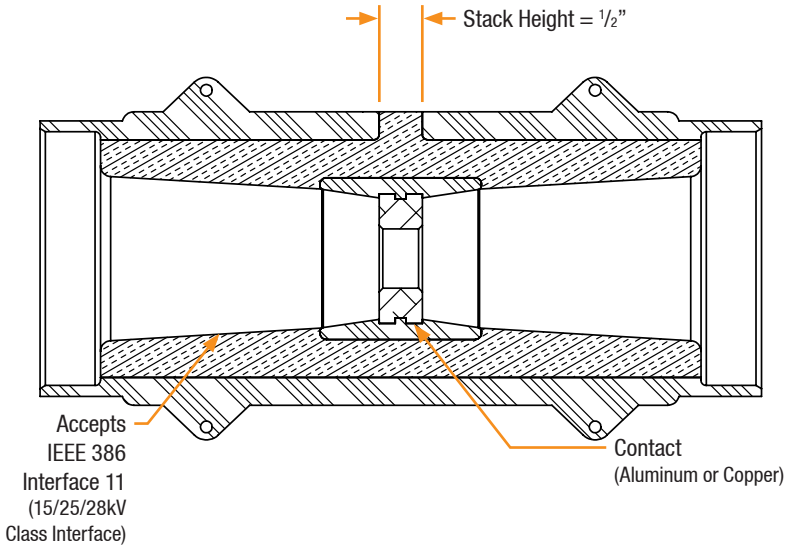
P615ETP
15kV Elbow Tap Plug

P625ETP
25kV Elbow Tap Plug

P625CPR
15/25/28kV Aluminum Connecting Plug

P925CPR
15/25/28kV Copper Connecting Plug

Detail View



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.R

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)	22kV R
AC Withstand – (1 minute)	45kV
Impulse-Withstand Voltage – (BIL)	140kV BIL R

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 Bushing Extender 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

R *Exceeds IEEE 386 requirement*