Richards MANUFACTURING CO.

P625BE
P925BE

15/25kV Bushing Extender

Product Data Sheet

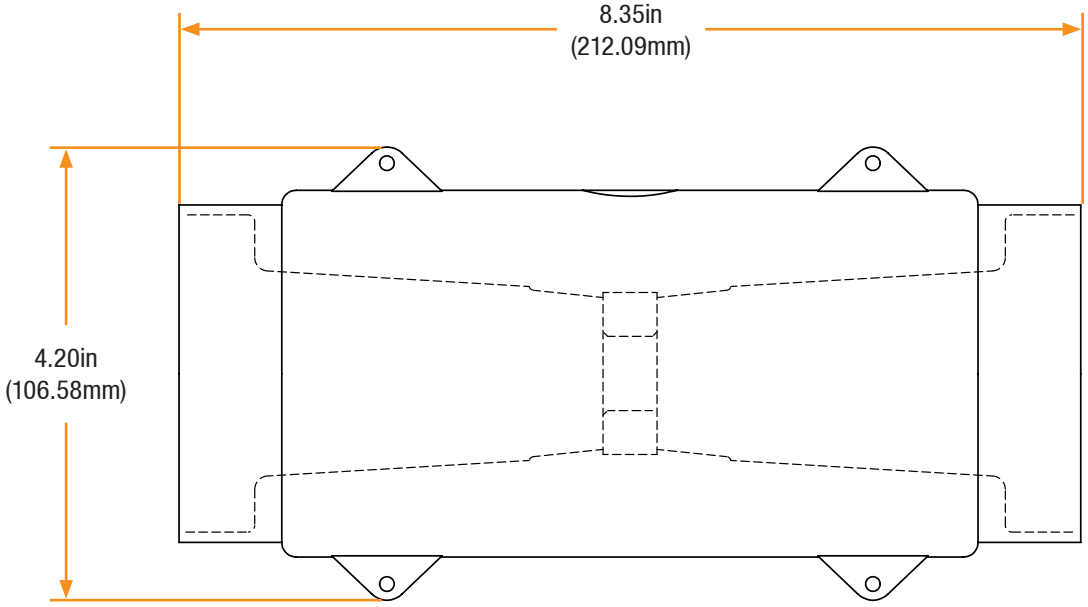
Richards 15/25kV 600A (P625BE) and 900A (P925BE) Bushing Extender provides an insulated, fully shielded connection between an apparatus bushing and another 15/25kV Deadbreak interface connection.

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

Features

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

Basic Dimensions



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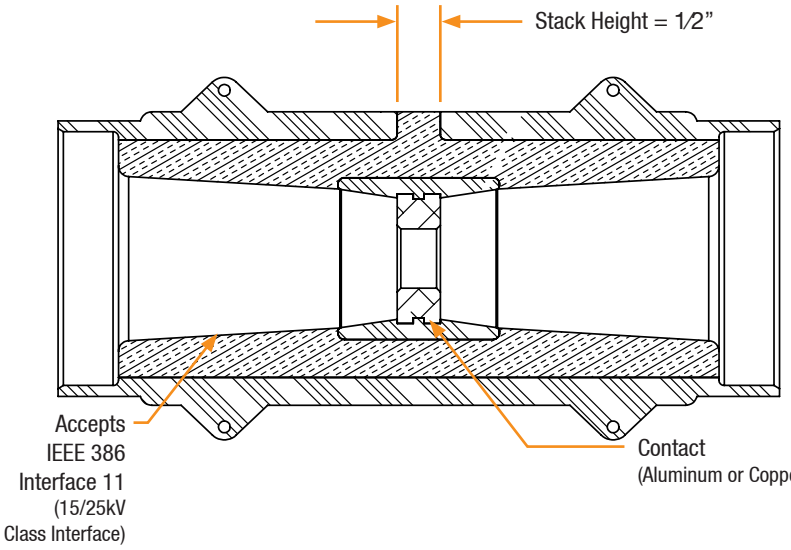
Installation

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

Related Products

P625HIP-STUD 15/25kV Aluminum Threaded Stud	**P925HIP-STUD** 15/25kV Copper Threaded Stud
P625HIP 15/25kV Aluminum Insulating Plug	**P925HIP** 15/25kV Copper Insulating Plug
P615ETP 15kV Elbow Tap Plug	**P625ETP** 25kV Elbow Tap Plug
P625CPR 15/25kV Aluminum Connecting Plug	**P925CPR** 15/25kV Copper Connecting 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

Richards Bushing Extenders are designed to allow for production testing at 200kV BIL. For more information see our 200kV BIL Product Data Sheets or contact the factory.

Product Ratings

Voltage Ratings	
Maximum Voltage Rating – (phase to ground)	15.2kV
Corona Voltage Level – (partial discharge extinction voltage)	22kV®
AC Withstand – (1 minute)	42kV®
Impulse-Withstand Voltage – (BIL)	162kV BIL®

Continuous Current Ratings	
Aluminum	600A
Copper	900A

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

The 15/25kV 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

® *Exceeds IEEE 386 requirement*