

25kV Double Interface R-800

Product Data Sheet

The Double Interface R-800 is a specialized R-800 featuring two 25kV Loadbreak Interfaces integrated into a single Deadbreak Elbow housing. The dual interface design doubles the available loadbreak interfaces—reducing the chance of being left with insufficient connection points.

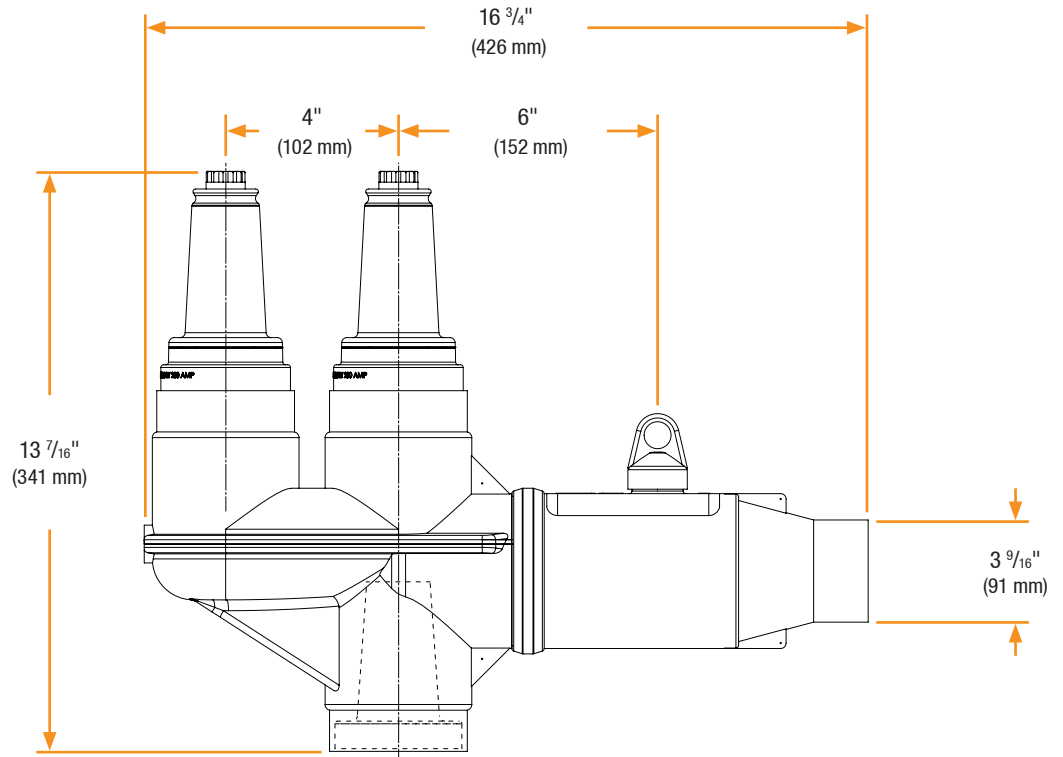
The DF R-800 is equipped with a stainless steel Fastener; a specialized internal component that is engaged by assembly tool to torque the assembly of DF R-800, Lug and mating component (i.e. apparatus bushing).



Features

- Doubles available 25kV Loadbreak Taps per Deadbreak Bushing
- Allows a test meter to be left in as ground is applied
- Includes installation tool that guarantees proper torque
- Reduces inventory and installation costs
- 100% EPDM Composition
- Designed, Molded, & Tested in the USA

Basic Dimensions



25kV Double Interface R-800

Product Ratings

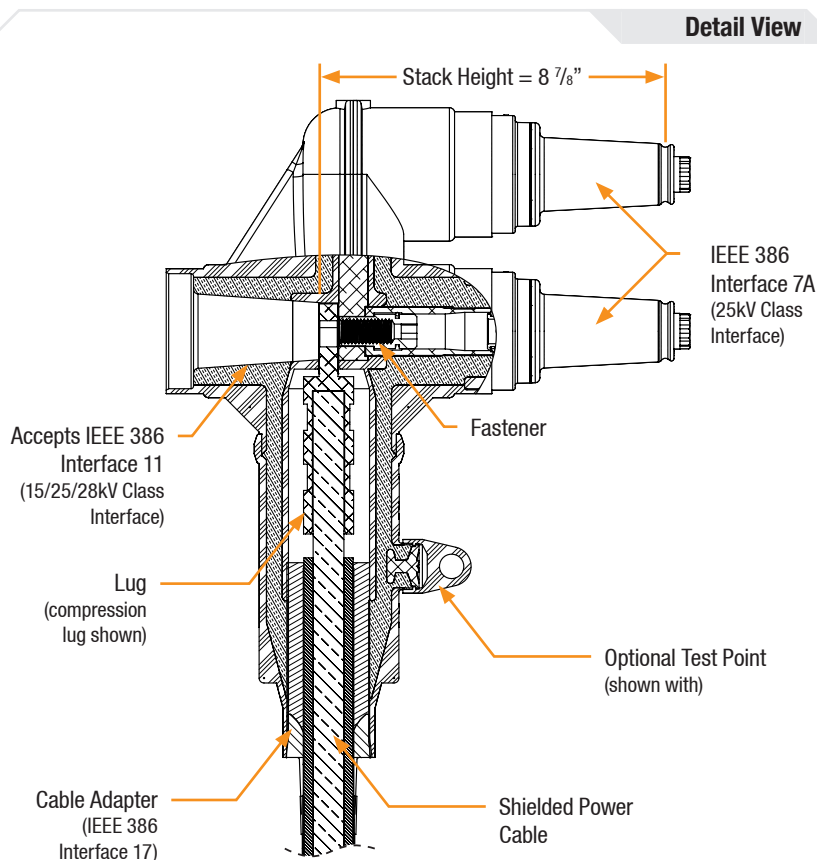
Voltage Ratings	
Maximum Voltage Rating – (phase to ground)	15.2kV
Corona Voltage Level – (partial discharge extinction voltage)	21kV [®]
AC Withstand – (1 minute)	40kV
Impulse-Withstand Voltage – (BIL)	125kV BIL

Current Ratings (Deadbreak Side)	
Continuous – (Aluminum)	600A
Short-Time Current – (Aluminum)	25kA, 10c. and 10kA, 3s.

Current Ratings (Loadbreak Side)	
Continuous	200A
Short-Time Current	10kA, 10c. and 3.5kA, 3s.

The 25kV Class DF R-800 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



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. [®]

100% Routine Electrical Test:

- Partial Discharge
- AC Withstand
- Impulse Withstand

[®] Exceeds IEEE 386 requirement

Related Products

P625HIP-STUD

15/25/28kV Aluminum Threaded Stud

P6AL-X

Aluminum Compression Lug

P6ALR-X

Aluminum Range Taking Lug

P625CA-W

15/25/28kV Cable Adapter

22LBICG

25kV Loadbreak Insulating Cap