

35kV Deadbreak Insulating Cap

Product Data Sheet

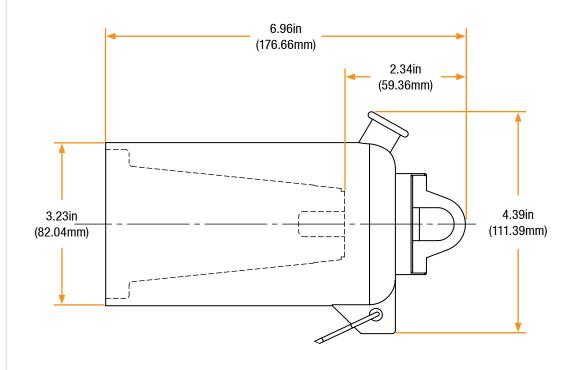
The Richards 35kV Deadbreak Insulating Cap provides a means to insulate 600 or 900A 35kV Deadbreak interfaces (IEEE 386, Interface 13). The Deadbreak Insulating Cap is molded with an integral threaded stud. The Deadbreak Insulating Cap is supplied with a 36" #12 AWG tinned copper ground wire.



Features

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

Basic Dimensions







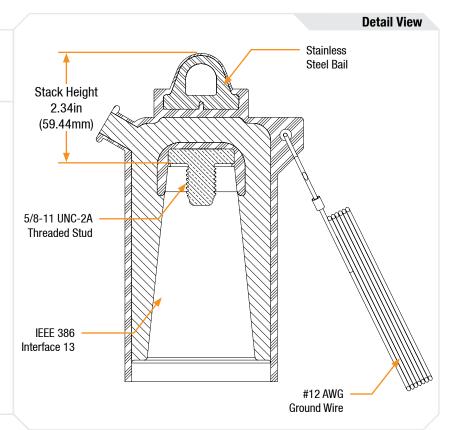
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Installation

Installation of a Deadbreak Insulating Cap P635IC/P935IC is covered by: RP-II-IC

Related Products

P635HIP-STUD 35kV Aluminum Threaded Stud	P935HIP-STUD 35kV Copper Threaded Stud
P635HIP	P935HIP
35kV 600A Deadbreak	35kV 900A Deadbreak
Insulating Plug	Insulating Plug
P635CP	P935CP
35kV 600A Deadbreak	35kV 900A Deadbreak
Connecting Plug	Connecting Plug
P635AB	P935AB
35kV 600A Deadbreak	35kV 900A Deadbreak
Apparatus Bushings	Apparatus Bushings



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. \blacksquare

100% Routine Electrical Test:

- Partial Discharge
- AC Withstand
- Impulse Withstand

Product Ratings

Voltage Class, Phase-to-Phase	35kV
Maximum Voltage Rating – (phase to ground)	21.1kV
Corona Voltage Level – (partial discharge extinction voltage)	26kV
AC Withstand, 1 minute	50kV
Impulse-Withstand Voltage – (BIL)	162kV BIL R

Continuous Current	
Aluminum	600A
Copper	900A

Short-Time Current		
Aluminum	10kA, 3sec. & 40kA, 10c	
Copper	TUKA, SSEC. & 40KA, TUC	

The 35kV 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



