

# **200A, 15/25/28 and 35 kV Bushing Well Insulated Plug**



## APPLICATION

The Chardon Bushing Well Insulated Plug is an accessory product to 15/25/28/35 kV 200A bushing well. It is designed to physically seal and electrically insulate the loadbreak bushing well. When installed on the bushing well interface, and properly grounded using the attached drain wire, the Bushing Well Insulated Plug provides an insulated, fully shielded, submersible for the energized 15/25/28/35 kV Class bushing well in deadfront equipment.

The body is molded of high quality EPDM insulation and has a molded semi-conductive EPDM shield. A molded ground tab on the shield allows attachment of drain wire to ensure deadfront construction. The Bushing Well Insulated Plug can be used for temporary or permanent applications.

## PRODUCTION TESTS

Tests conducted in accordance with IEEE/ANSI Standard 386.

- / Partial Discharge – 26 kV  $\leq$ 5pC
- / AC 1 Minute Withstand – 50 kV

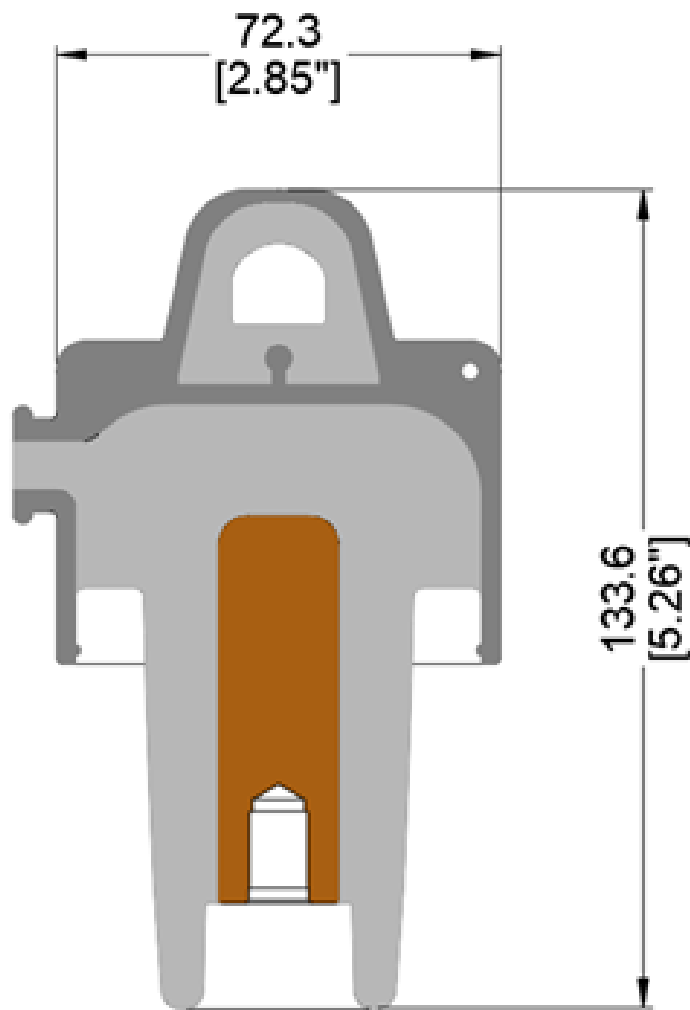
Tests conducted in accordance with Chardon manufacturing process requirements:

- / Physical Inspection
- / Periodic Dissection
- / Periodic X-ray Analysis

## VOLTAGE RATINGS

<b>Voltage Class</b>	35 kV
<b>Max. Rating Phase to Phase</b>	36.6 kV
<b>Max. Rating Phase to Ground</b>	21.1 kV
<b>AC 1 Minute Withstand</b>	50 kV
<b>DC 15 Minute Withstand</b>	103 kV
<b>BIL and Full Wave Crest</b>	150 kV
<b>Partial Discharge</b>	26 kV $\leq$ 5pC

## DETAILED COMPOSITION OF THE CHARDON BUSHING WELL INSULATED PLUG



### ORDERING INFORMATION

15/25/28/35 kV, 200A Bushing Well Insulated Plug

CH200PLG

Each kit includes the following:

- / Bushing Well Insulated Plug
- / Silicone Lubricant
- / Paper Towel
- / Installation Instruction Sheet



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