

# CHARDON 600A 35kV Insulated Protective Cap



## APPLICATION

The Chardon 600 Amp 35 kV Insulated Cap meets all the requirements of IEEE standard 386-2009. It provides insulated, fully shielded submersible protection for 35 kV class deadbreak interfaces and is fully interchangeable with competitor's products that also meet IEEE standard 386.

The Chardon Insulated Cap design incorporates peroxide cured, EPDM insulation rubber, and a semi-conducting insert and outer shield. The outer conductive shield maintains ground potential on the cap's surface when a grounding wire is connected to a common ground.

## PRODUCTION TESTS

### Tests conducted in accordance with IEEE/ANSI Standard 386.

- Minimum Corona Voltage Level – 50 kV
- AC 1 Minute Withstand – 26 kV

### Tests conducted in accordance with Chardon manufacturing process requirements:

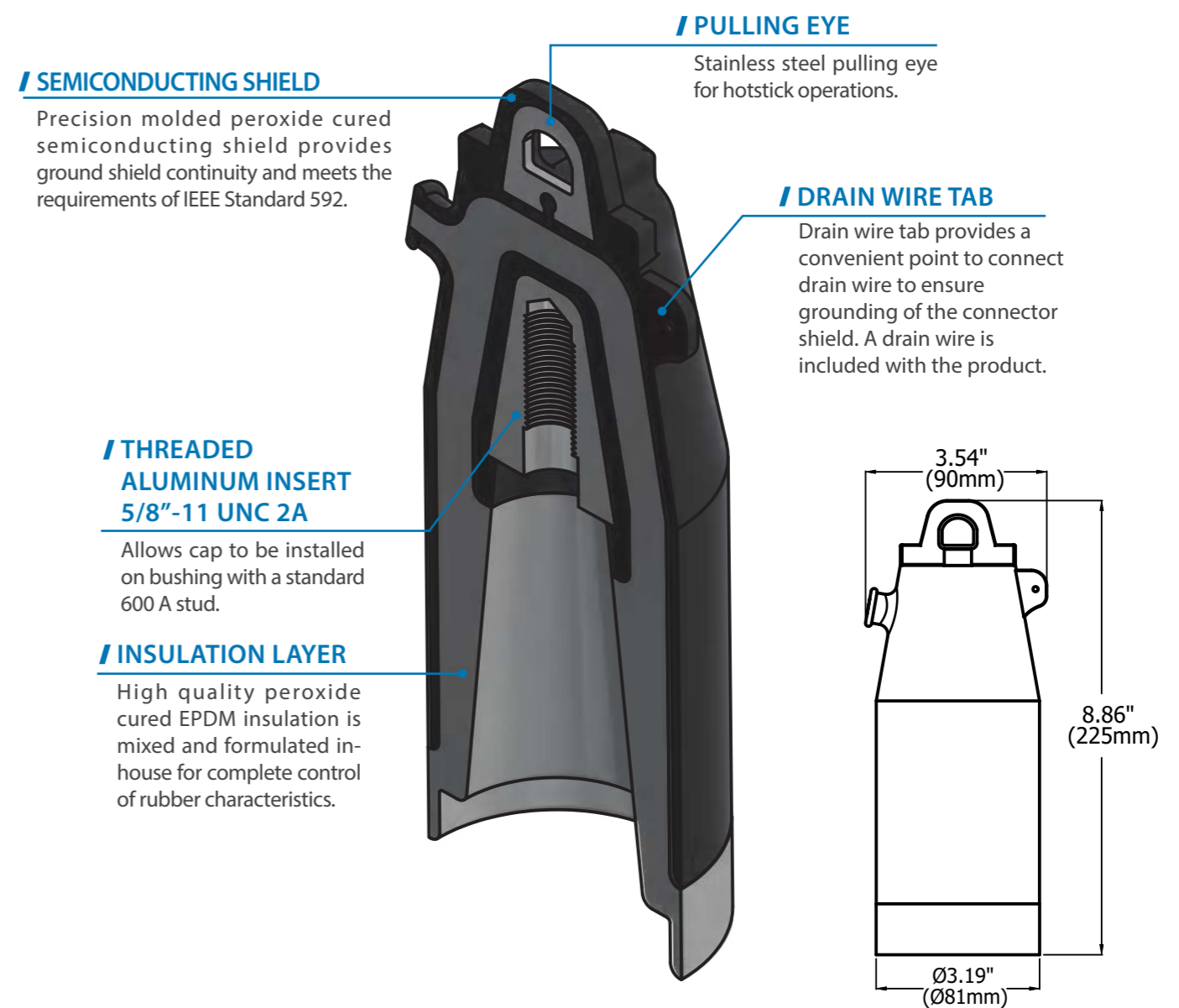
- Physical Inspection
- Periodic Dissection
- Periodic X-ray Analysis

## VOLTAGE RATINGS

<b>Voltage Class</b>	35 kV
<b>Max. Rating Phase to Ground</b>	21.1 kV
<b>AC 60Hz 1 Minute Withstand</b>	50 kV
<b>DC 15 Minute Withstand</b>	103 kV
<b>BIL and Full Wave Crest</b>	200 kV
<b>Minimum Corona Voltage Level</b>	26 kV

• Revision Date: 07.24.2024

## DETAILED COMPOSITION OF THE CHARDON 35KV INSULATED CAP



## ORDERING INFORMATION

### Each kit includes the following:

- Insulated Cap
- Silicone Lubricant
- Installation Instruction Sheet
- Optional aluminum stud for 35-DIC600-SRV only

<b>Standard Cap without stud</b>	35-DIC600
<b>Standard Cap with removable stud</b>	35-DIC600-SRV



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