

# **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:

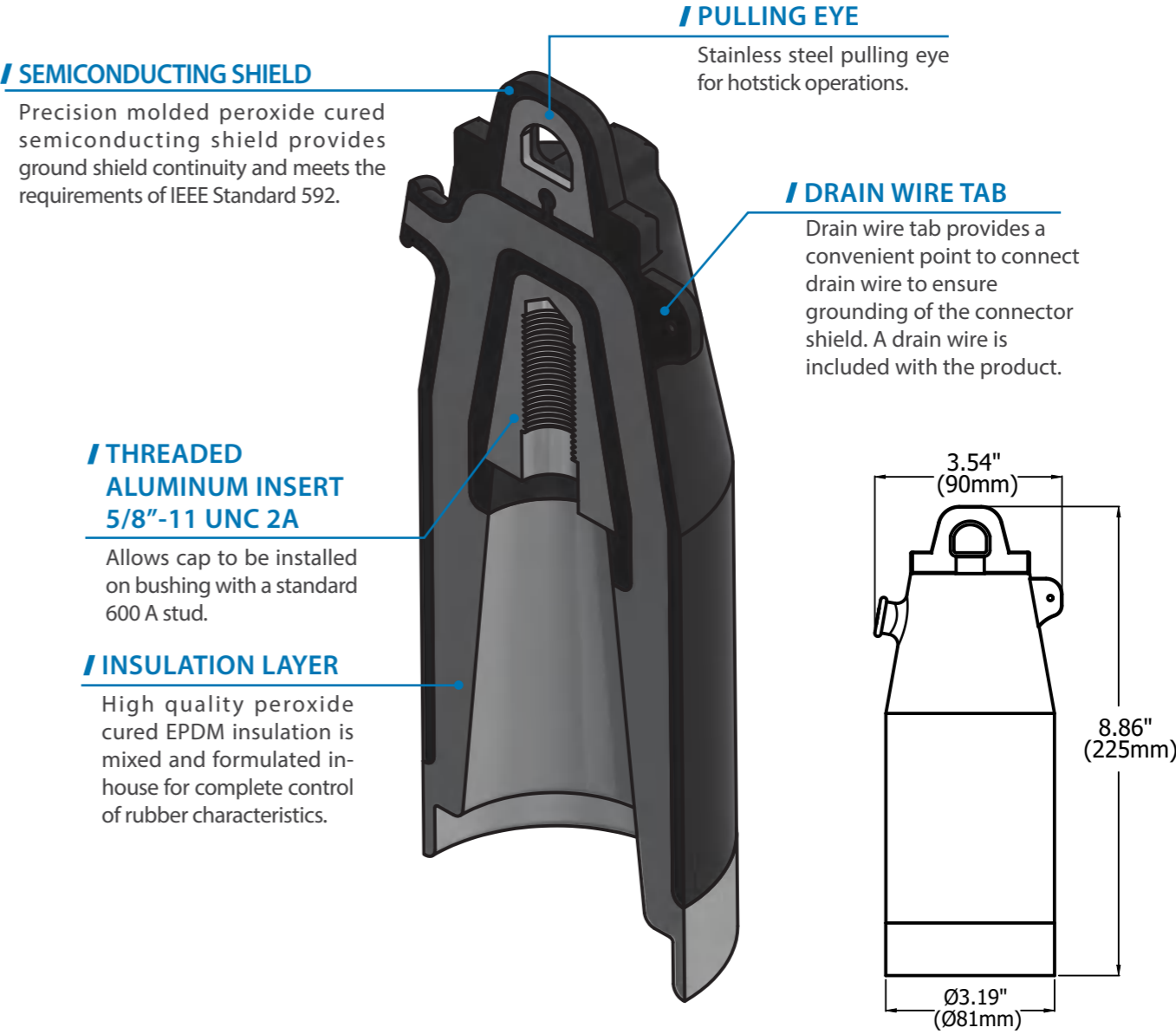
- Physical Inspection
- Periodic Dissection
- Periodic X-ray Analysis

VOLTAGE RATINGS

Voltage Class	35 kV
Max. Rating Phase to Ground	21.1 kV
AC 60Hz 1 Minute Withstand	50 kV
DC 15 Minute Withstand	103 kV
BIL and Full Wave Crest	150 kV
Minimum Corona Voltage Level	26 kV

• Revision Date: 12.22.2023

DETAILED COMPOSITION OF THE CHARDON 35KV INSULATED CAP



ORDERING INFORMATION

Each kit includes the following:

- Insulated Cap
- Silicone Lubricant
- Installation Instruction Sheet

Standard Cap with threaded insert	35-DIC600
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