

Chardon IEC 25kV 200A Insulated Protective Cap



APPLICATION

The Chardon 25kV 200A Insulated Protective Cap can be used for temporary or permanent applications and provides a submersible, fully shielded insulated cap for energized bushings. When installed on a IEEE bushing interface or junctions, it is properly grounded using the attached drain wire, and providing physically seal and electrically insulate bushing interfaces.

KEY FEATURES

- Provides a fully shielded and submersible connection when mated with the proper bushings.
- 100% electrical tested at factory.
- Mounting can be vertical, horizontal, or any angle in between.
- No minimum phase clearance requirements.
- IEEE/ANSI Standard 386.

PRODUCTION TESTS

- Tests conducted in accordance with IEEE/ANSI Standard 386.
- Minimum Corona Voltage Level – 19 kV
 - AC 1 Minute Withstand – 40kV
- Tests conducted in accordance with Chardon manufacturing process requirements:
- Physical Inspection
 - Periodic Dissection
 - Periodic X-ray Analysis

VOLTAGE RATINGS

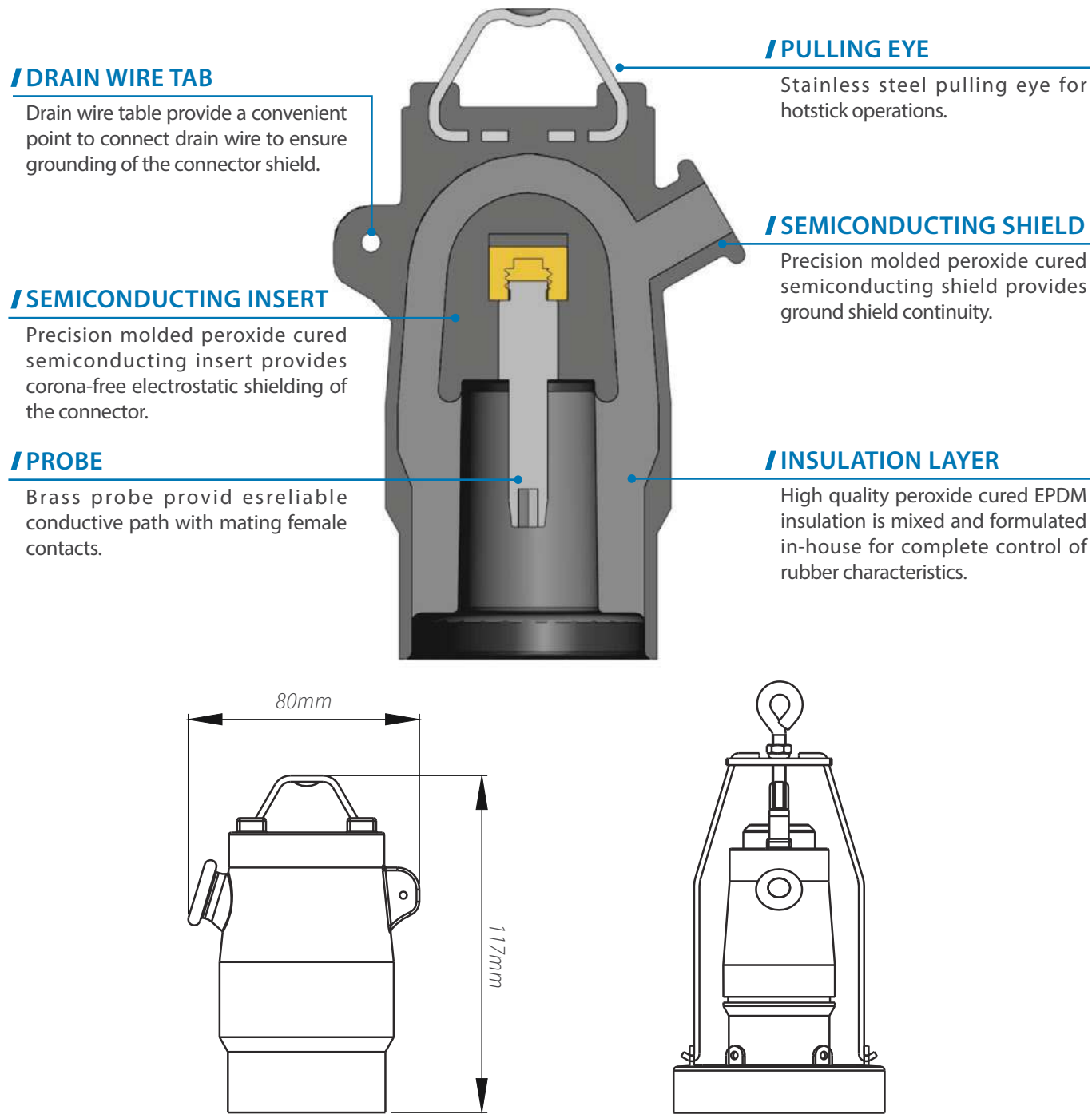
Max. Rating Phase to Ground	25 kV
AC 60Hz 1 Minute Withstand	40 kV
Minimum Corona Voltage Level	19 kV
BIL and Full Wave Crest	125 kV

• 24-DIC250-100918-REV03

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.

- Each kit includes the following:
- Insulated Cap
 - Silicone Grease
 - Installation Instruction Sheet
 - Bail Assembly

DETAILED COMPOSITION OF THE CHARDON 25KV INSULATED CAP



ORDERING INFORMATION

25 kV, 200A Insulated Protective Cap

25-DIC200



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