

Chardon IEC 24kV 250A Insulated Protective Cap



APPLICATION

The Chardon 24kV 250A 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 IEC 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.
- EN-50180 Type "A" interface.
- Mounting can be vertical, horizontal, or any angle in between.
- No minimum phase clearance requirements.
- 100% electrical tested at factory.

PRODUCTION TESTS

- Tests conducted in accordance with IEC60502-4, HD629.1, GB/T12706.4.
- Minimum Corona Voltage Level – 22 kV < 3 pC
 - AC 1 Minute Withstand – 60 kV
 - Impulse sampling test – 125kV
- Tests conducted in accordance with Chardon manufacturing process requirements:
- Physical Inspection
 - Periodic Dissection
 - Periodic X-ray Analysis

VOLTAGE RATINGS

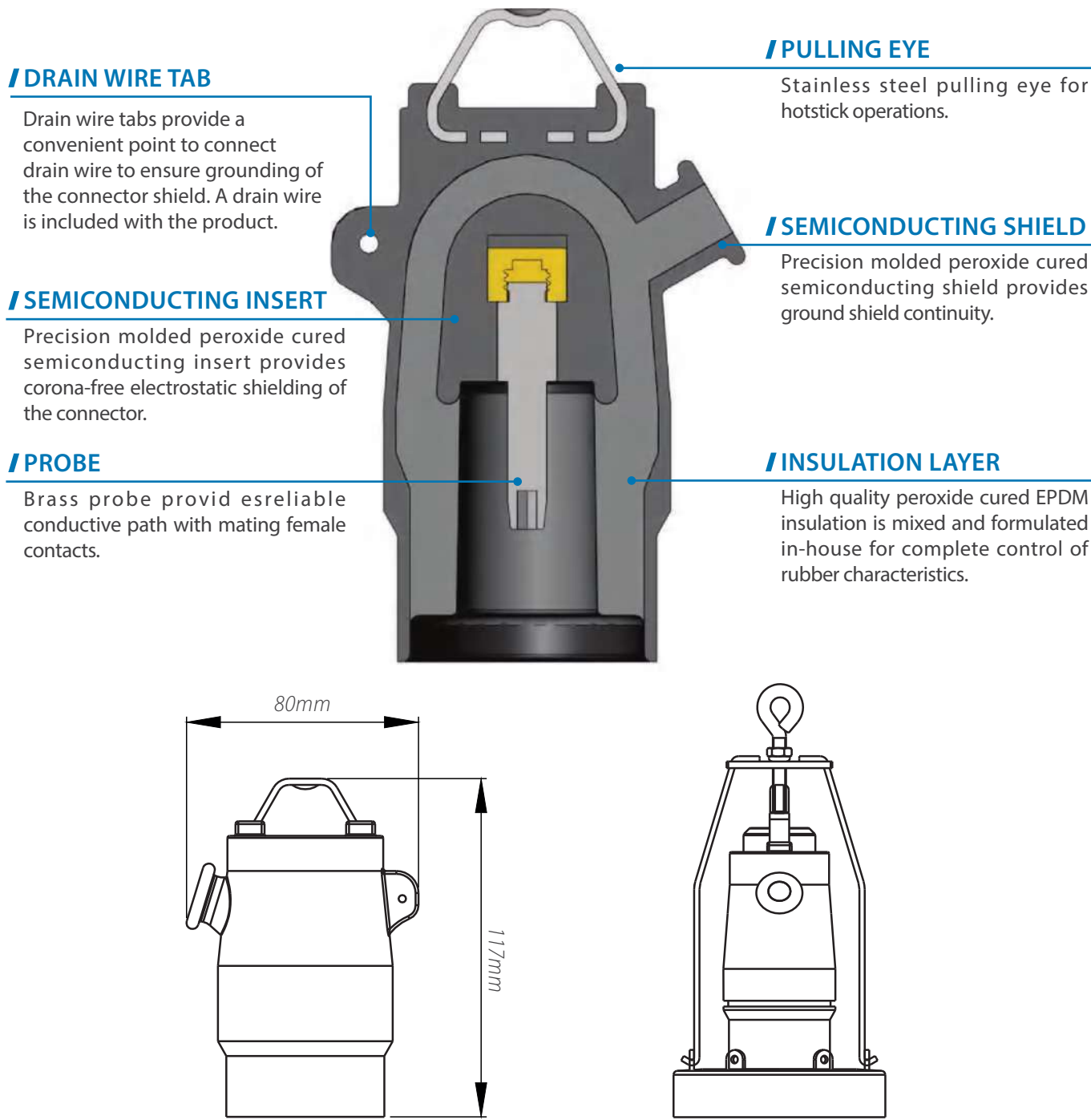
Max. Rating Phase to Ground	24 kV
AC 60Hz 1 Minute Withstand	57 kV
Minimum Corona Voltage Level	22 kV < 10pC
BIL and Full Wave Crest	125 kV

• Revision Date: 12.21.2023

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 24KV INSULATED CAP



ORDERING INFORMATION

24 kV, 250A Insulated Protective Cap

24-DIC250



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