
15 / 25 kV 200A INSULATED CAP INSTALL PROCEDURE & REMOVALPROCEDURE

DESCRIPTION

The CHARDON Insulated Protective Cap is an accessory device designed to electrically insulate and mechanically seal loadbreak bushing interfaces. When mated to a loadbreak product and the drain wire is attached to ground, the insulated Protective cap provides a fully shielded, submersible insulating cover for energized bushings. The cap can be used for permanent or temporary installation on bushings, junctions, or feedthru devices that conform to the requirements of IEEE Std 386 Standard.

- 15kV 200A Class (8.3kV and 8.3/14.4kV)
- 25kV 200A Class (15.2kV and 15.2/26.3kV)



INSULATED CAP KIT CONTENT

- 1 - Cap housing with Brass Rod and Ground Wire
- 1 - Instruction Sheet
- 1 - Silicone Grease 5g
- 1 - Paper Towel



CAUTION All associated apparatus must be de-energized during installation and/or maintenance.



DANGER Do not touch or move energized product by hand. Failure to follow this instruction may result in serious or fatal injury, as well as damage to the product.

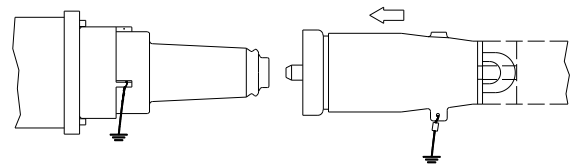
SAFETY INFORMATION

The instructions in this manual are not intended as a substitute for proper training or adequate experience in the safe operation of the equipment described. Only competent technicians, who are familiar with this equipment should install, operate and service it.

INSTALL PROCEDURE

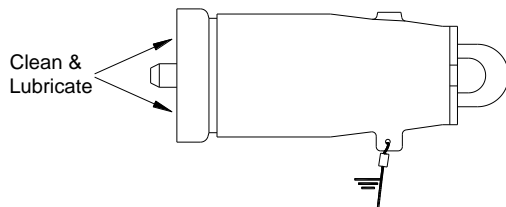
STEP 1

- Always attach ground wire to system ground bus.



STEP 2

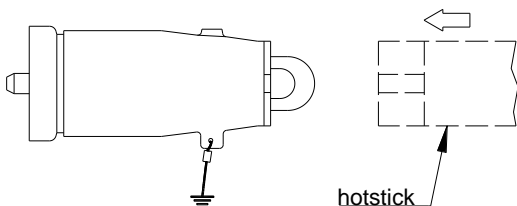
- Clean and lubricate interface surface of insulated protective cap. Mating loadbreak bushing must also be cleaned and lubricated.
- Use lubricant supplied or approved equivalent.



- To check that the cap is properly latched apply a gentle pull force to the hotstick. When latched properly the cap will not slide back off of the bushing.
- As a last operation, push on the hotstick to seat the cap all the way onto the bushing again. This insures that the cap is latched and was not dislodged the latching check in previous step.

STEP 3

- Area must be clear of obstructions or contaminations that would interfere with the operation of the insulated protective cap.
- Securely fasten a hotstick to the pulling eye of the cap.



REMOVAL PROCEDURE

- Grasp insulated protective cap's operating eye with a hotstick.
- Twist the hotstick to the left and right to break any surface friction.
- Withdraw cap from bushing with a quick, even tug.

- Place the loadbreak cap over the bushing.
- Turn your back to the bushing and grasp the hotstick securely and obtain good footing. Slam the cap onto the bushing with one quick and continuous motion.
- Turn around and apply a force to the hotstick to push the cap onto the bushing. A popping or snapping sound is often heard when this operation is performed.

Inasmuch as CHARDON GROUP, Inc. has no control over the use which others may put the material, it does not guarantee that the same results as those described herein will be obtained. Each user of the material should make his own tests to determine the material's suitability for his own particular use. Statements concerning possible uses of the materials described herein are not to be construed as constituting a license under any CHARDON GROUP, inc. patent covering such use or as recommendations for use of such materials in the infringement of any patent.

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