
15/25kV 600A LOADBREAK REDUCING TAP PLUG (ETP) INSTALLATION & OPERATING INSTRUCTIONS

DESCRIPTION

The CHARDON Loadbreak Reducing Tap Plugs are used for the 600 amp URD systems. The ETPs mate with all 600 amp deadbreak interfaces on the end and 200 amp loadbreak interfaces on the other. All interfaces meet the requirements of ANSI , IEEE Std. 386-2006 or latest revision, as follows:

600 amp, 8.3 and 15.2kV
200 amp, 8.3/14.4 and 15.2/26.3kV



BUSHING INSERT KIT CONTENT

- 1 - Loadbreak Reducing Tap Plug
- 1 - Lubricant
- 1 - Instruction Sheet



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

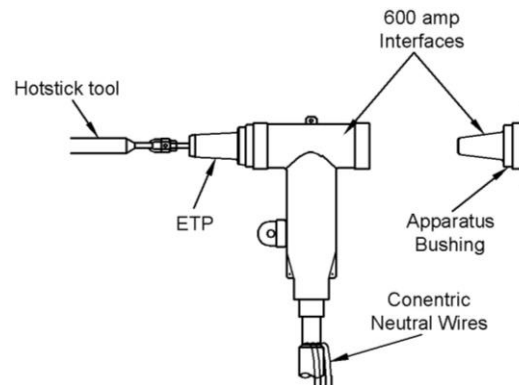
The instructions in this manual are not intended as a substitute for proper training or adequate experience in the safe operation of the equipment described. Only competent technicians, who are familiar with this equipment should install, operate and service it.

INSTALL PROCEDURE

STEP 1

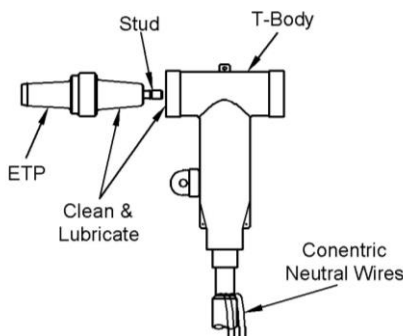
First, install the related 600 amp deadbreak connector.

- Refer to the following installation instructions:
- Chardon's 600 amp deadbreak elbow



● STEP 2

Install ETP into 600amp Elbow body.



- Clean and lubricate all mating 600 amp interfaces with the lubricant provided. Do not substitute lubricant.
- Remove shipping cap from 200 amp ETP interface. Hand tighten the stud into the 600 amp interface on ETP. Insert 600amp interface end of ETP into side of 600 amp Elbow opposite apparatus bushing.

STEP 3

Install ETP on Apparatus Bushing

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.

- Clean and lubricate mating interfaces of ETP and apparatus bushing with lubricant supplied. Do not substitute.
- Using hotstick tool, insert tool into probe end of ETP and engage rotating 5/8" thread.
- While pushing 600 amp Elbow onto apparatus bushing, turn tool clockwise until threads are engaged into bushing. Continue to rotate clockwise until tight. Do not cross-thread.
- Insert torque tool and rotate until torque tool reaches 20 – 25 ft/lb.
- Remove torque tool

STEP 4

Cap and ground 200 amp interface

- Remove the shipping cap if it is in place Clean and lubricate 200 amp interface (ETP) and connector, i.e. insulating cap, grounding elbow, loadbreak elbow, Elbow arrester. Use lubrication supplied. Do not substitute. Install mating connector and ground all shields using #10 copper wire. Connect the #10 copper wire from ground tabs of ETP, mating connector, and 600 amp elbow to common ground point. Leave adequate slack for hotstick operation.

FOR FURTHER INFORMATION WRITE TO

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