Step 1 – Clean & Lubricate

Clean and inspect the interfaces of the bushing extender and the mating products. Uniformly lubricate all mating interfaces with lubricant provided. DO NOT SUBSTITUTE. Other lubricants may be harmful.

Step 2 – Assemble

If required, hand-tighten the supplied stud into one of the mating products. Push products together and twist clockwise until the threads are engaged. 600 A products should be tightened to a torque of 50 to 60 ft/lbs. Follow instructions packaged with the mating products.

Step 3 – Ground

Attach a length of #14 AWG copper wire (or equivalent) to one of the ground tabs on the bushing extender. Twist the wire at least two turns at the ground tab, squeeze the loop to secure, and cut off excess wire. Take care not to damage the tab. Connect the free end of wire to system ground, making sure the connection is tight and secure.

HUBBELL
Power Systems

CABLE ACCESSORIES

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Installation & Operating Instructions

Hubbell Deadbreak Connector 25/28 kV & 35 kV, 600 A Bushing Extender

DESCRIPTION

The Hubbell Bushing Extender is used to connect reducing taps, connecting plugs, and apparatus bushings, effectively increasing the distance from the equipment to the cable. When properly mated with components conforming to IEEE Std. 386, Interface 11 or 13. The Insulating Cap provides a fully shielded, fully submersible unit.

25/28 kV Class: 600 A, 16.2kV
35 kV Class: 600 A, 21.1kV

INSTALLATION TOOLS

Hand Tools
Insulating Hotstick

CONTENTS

(1) Bushing Extender
(1) Stud
(1) Lubricant (DO NOT SUBSTITUTE)
(1) Instruction Sheet

NOTES Check contents of box to ensure that it is complete and the components are NOT damaged.

Important: Read these instructions thoroughly before operating the system. Be sure that the connectors are rated for the intended energized use. Visually inspect parts for damage before using.

⚠ CAUTION

The equipment covered by these instructions should be installed, operated and serviced only by competent personnel trained in good safety practices. This instruction is written for such personnel and is not intended as a substitute for adequate training and experience in safe procedures for this type of equipment.

⚠ DANGER

Remove all protective shipping caps and replace with an approved insulating cap or connector prior to the junction being submersed or the circuit energized. The protective shipping caps are intended to keep the interfaces clean during shipping and handling and should never be used on energized equipment.

These instructions do not purport to cover all details or variations in equipment nor to provide for every possible contingency to be met in connection with installation, operation or maintenance. Should further information be desired or should particular problems arise which are not covered sufficiently for the purchaser's purposes, the matter should be referred to Hubbell Power Systems, Inc.

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