

Hubbell Deadbreak Connector

15kV & 25kV 600/900 Amp Products

IS600BAS

Description

The Hubbell Bushing Adapter (BA) provides a means to reduce a 600/900A bushing to a 200A loadbreak interface. The BA is fault close rated for 10,000A and complies with IEEE Standard 386 - latest revision. The BA is available in both 15kV and 25kV ratings and is used as a mating loadbreak connector for a loadbreak elbow.

Contents

- (1) Bushing Adapter
- (1) Lubricant (DO NOT SUBSTITUTE)
- (1) Instruction Sheet
- (1) Threaded Stud

Installation Tools

- 5/16 Hex Wrench
- 1/2 wrench
- Torque Wrench

Notes

- Check contents of box to ensure that it is complete and components are NOT damaged.
- 25kV Bushing Adapter interface used as model for instruction sheet figures.



Sure-Tap™ Stud

625BAS



Installation video

DANGER

The equipment covered by these instructions should be installed, operated and serviced only by competent personnel familiar with 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.

Important: Read these instructions thoroughly before operating the system. Ensure that the connectors are rated for the intended energized use. (See Hubbell catalogs for selecting the correct mating product.) Visually inspect parts for damage before using.

WARNING

All associated apparatus must be de-energized before performing any installation. Do not touch or move energized product by hand. Be sure that the connectors are rated for the intended application. Failure to follow this instruction may result in serious or fatal injury, as well as damage to the product.

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.

Bushing Adapter Installation

Step 1 - Clean & Lubricate

Clean and inspect the 600A bushing interface and the inside of the mating portion of the BA to ensure that they are free of contaminants. Thread short end of provided stud into 600A bushing until threads stop and tighten additional 1/4 turn with 1/2" wrench. See Figure 1. Lubricate each 600A interface with supplied silicone lubricant packet or Hubbell SL150 silicone tube. DO NOT SUBSTITUTE. Other lubricants may be harmful. Remove shipping cap. See Figure 2.

Step 2 - Align Bushing Adapter

A. Align the BA with the 600A bushing interface such that the threaded internal portion of the BA will mate onto the threads of the installed stud.

B. Place the 5/16" hex tool inside the 200A loadbreak interface and align with internal hex broach.

Step 3 - Install Bushing Adapter

After hex tool is properly seated, tighten the BA to the 600A bushing by turning the hex tool in a clockwise direction until it bottoms. A final torque of approximately 20 to 24 ft-lbs should be achieved.

Step 4 - Ground Bushing Adapter

Attach a #14 AWG copper wire (or equivalent) to one of the ground tabs on the BA. Twist the wire at least two turns at the ground eye, squeeze the loop to secure, and cut off excess wire. Attach the free end of the electrostatic grounding wire to the system ground. See Figure 5.

Step 5 - Cover Bushing Adapter

Thoroughly clean the 200A interface and lubricate with supplied lubricant used in Step 1. Install the mating products onto the 200A interface using the installation instructions provided. See Figure 6.

NOTE 1: If the 200A interface is not to be immediately mated, replace the shipping cap to keep the interface free of contamination.

NOTE 2: DO NOT energize or submerge the apparatus with the shipping cap on the 200A interface.

NOTE: Because Hubbell has a policy of continuous product improvement, we reserve the right to change design and specifications without notice.

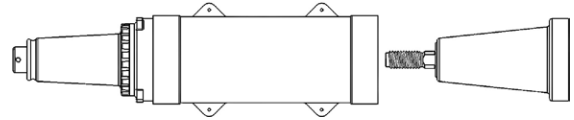


Fig. 1

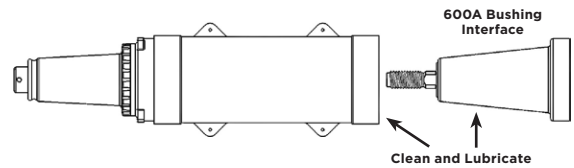


Fig. 2 - Clean & Lubricate Interfaces

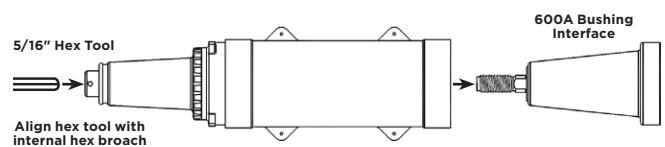


Fig. 3 - Align Bushing Adapter & Hex Tool

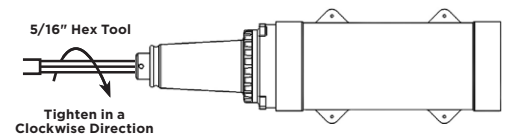


Fig. 4 - Install Product to 600A Bushing

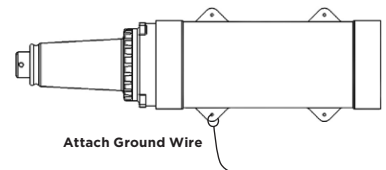


Fig. 5 - Ground Bushing Adapter

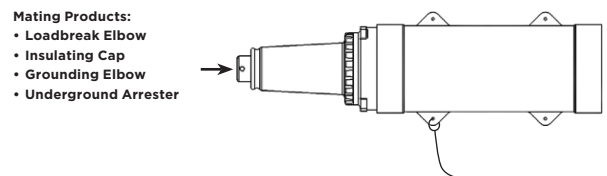


Fig. 6 - Cover 200A interface



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