**PRODUCT INFORMATION**

The Cooper Power Systems 600 A, 15 kV, 25 kV and 35 kV Insulated Standoff Bushing meets the full requirements of ANSI®/IEEE Standard 386™ — Separable Insulated Connector Systems, and provides a single deadbreak interface made of high quality insulating epoxy material. It is used in pad-mounted cabinets, underground vaults and other apparatus to isolate and sectionalize an energized cable.

The Insulated Standoff Bushing is designed to be installed in the parking stand mounted on a transformer or other apparatus. A grounding lug is provided on the standoff bracket for attachment of a ground wire to ensure deadfront construction. The bushing provides a fully-shielded, submersible connection for deadbreak operation.

All standoff bushing brackets have a stainless steel eyebolt with a brass pressure foot. The bushing body is bolted to a stainless steel base bracket using a stainless steel bolt. Special pins ensure firm location of the bushing on the bracket.

**INSULATED STANDOFF BUSHING KIT**

Each kit contains:
- Insulated Standoff Bushing
- Lubricant
- Instruction Sheet

**GROUND**

**Step 1**

Attach ground drain wire from bushing ground lug to system ground.

**CLEAN AND LUBRICATE**

**Step 1**

Remove protective shipping cap.

**Step 2**

Clean and lubricate bushing interface using lubricant supplied or Cooper Power Systems approved equivalent.

These instructions do not claim to cover all details or variations in the equipment, procedure, or process described, nor to provide directions for meeting every contingency during installation, operation, or maintenance. When additional information is desired to satisfy a problem not covered sufficiently for the user’s purpose, please contact your Cooper Power Systems sales engineer.
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. A competent technician has these qualifications:

- **Is thoroughly familiar with these instructions.**
- **Is trained in industry-accepted high- and low-voltage safe operating practices and procedures.**
- **Is trained and authorized to energize, de-energize, clear, and ground power distribution equipment.**
- **Is trained in the care and use of protective equipment such as flash clothing, safety glasses, face shield, hard hat, rubber gloves, hotstick, etc.**

Following is important safety information. For safe installation and operation of this equipment, be sure to read and understand all cautions and warnings.

### Hazard Statement Definitions

This manual may contain four types of hazard statements:

- **DANGER:** Indicates an imminently hazardous situation which, if not avoided, will result in death or serious injury.

- **WARNING:** Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

- **CAUTION:** Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.

- **CAUTION:** Indicates a potentially hazardous situation which, if not avoided, may result in equipment damage only.

### SAFETY INFORMATION

**Safety Instructions**

Following are general caution and warning statements that apply to this equipment. Additional statements, related to specific tasks and procedures, are located throughout the manual.

- **DANGER:** Hazardous voltage. Contact with high voltage will cause death or severe personal injury. Follow all locally approved safety procedures when working around high- and low-voltage lines and equipment.

- **WARNING:** Before installing, operating, maintaining, or testing this equipment, carefully read and understand the contents of this manual. Improper operation, handling or maintenance can result in death, severe personal injury, and equipment damage.

- **WARNING:** This equipment is not intended to protect human life. Follow all locally approved procedures and safety practices when installing or operating this equipment. Failure to comply may result in death, severe personal injury and equipment damage.

- **WARNING:** Power distribution equipment must be selected for the intended application. It must be installed and serviced by competent personnel who have been trained and understand proper safety procedures. These instructions are written for such personnel and are not a substitute for adequate training and experience in safety procedures. Failure to properly select, install or maintain this equipment can result in death, severe personal injury, and equipment damage.
INSTALL

Step 1
Grasp eyebolt on standoff bushing using hotstick.

Step 2
Install standoff bushing on parking pocket using hotstick.

Step 3
Use hotstick to turn eyebolt clockwise until tight to ensure rigid mounting.

NOTE: 600 A standoff bushings are designed to fit standard parking pockets furnished with most apparatus.

OPERATE

Step 1
Disconnect connector from apparatus bushing following connector operating instructions.

Step 2
Position connector on standoff bushing.

Step 3
Thread connector stud clockwise into standoff bushing until it is tightly seated.

Step 4
Cover de-energized bushing with a 600 A grounded insulated protective cap or 600 A bushing adapter with 200 A insulated protective cap.

NOTE: 600 A standoff bushing interface must be covered at all times when not in use using either the shipping cap (if de-energized) or an insulated protective cap (if energized).