

## **25 kV & 35kV 600/900A CLASS Connecting Plug INSTALLATION & OPERATING INSTRUCTIONS**

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### **DESCRIPTION**

The CHARDON 600A class deadbreak Connecting Plug are used on 600A deadbreak elbow connectors or bushing extenders. They are fully shielded, fully submersible and interchangeable with all other manufacturers that certify compliance ANSI / IEEE St. 386, latest revision as follows :

- 25kV 600A Class (15.2kV and 15.2/26.3kV)
- 25kV 900A Class (15.2kV and 15.2/26.3kV)
- 35kV 600A Class (21.1kV and 21.1/36.6kV)
- 35kV 900A Class (21.1kV and 21.1/36.6kV)



### **ELBOW KIT CONTENT:**

- 1 – Connecting Plug
- 1 – Silicone Lubricant
- 1 – Paper Towel
- 1 – Installation Instructions



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

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**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.

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### **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.

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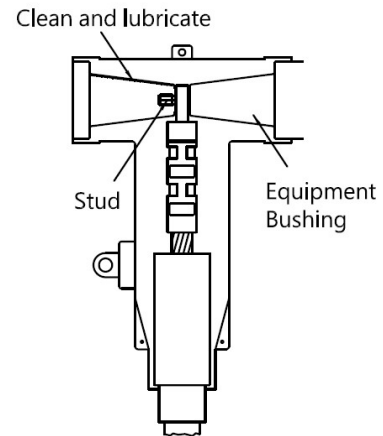
## **INSTALL PROCEDURE**

### **STEP 1**

25kV and 35kV 600/900A class connecting plug have different interfaces. Ensure the connecting plug has the same voltage rating with equipment system. Ensure all cables and equipment are properly de-energized.

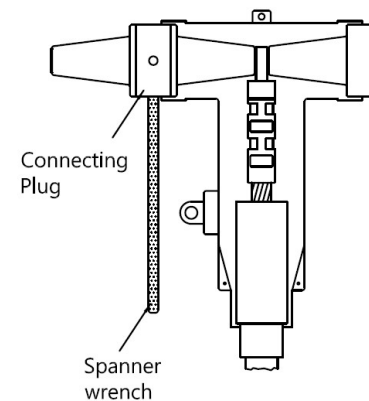
## STEP 2

Clean interfaces of elbow connector and connecting plug, lubricate the interfaces by using supplied Silicone Lubricant. If elbow connector was installed completely, remove insulating plug first.



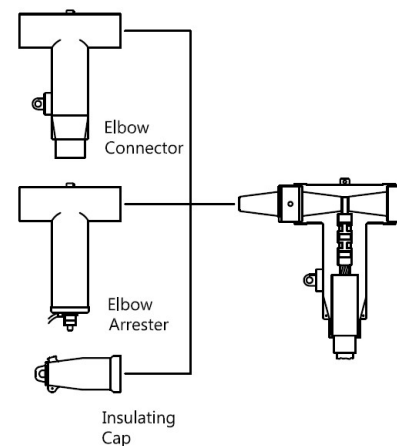
## STEP 3

Push connecting plug into the elbow connector and tighten insulating plug using a spanner wrench with clock-wire exerting 55 ft-lbs (75N-m) of torque.



## STEP 4

Clean interface of connecting plug and mating products (Elbow connector, Elbow Arrester or Insulating Cap), lubricate by supplied Silicone Lubricant. Install mating products.



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