

**27 KV FAULT LIMITER INSTALLATION**

**ITEM DESCRIPTION:** Fault Limiter

**STOCK NUMBERS:** 684900 Size "A"  
 684902 Size "B"  
 684905 Size "C"  
 684920 Size "12K" (Single phase application only)  
 684907 Size "D"

**APPLICATION:**

1. Fault Limiters shall be installed on:
  - a. All overhead 27/15KV transformers. As specified by DU 11-1.
  - b. All overhead 27/15KV capacitors, as specified by DU 11-1.
  - c. All overhead to underground 27/15KV installations, as specified by DU 11-1.
2. Always connect fault limiters in series with a fuse cutout.
3. With the fault limiter installed on the lower end of a fuse cutout, keep cutout exhaust clear of the connecting conductor, the limiter, and any other grounded parts. If necessary, replace the conductor with new insulated wire.

**MOUNTING:**

Direct Mounting; Connect the fault limiter to the bottom of the cutout using a connector bar.

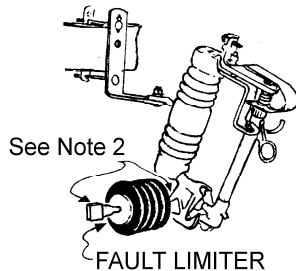
**OR**

Connector Bar Mounting; Connect the fault limiter to the bottom of the cutout using a connector bar.

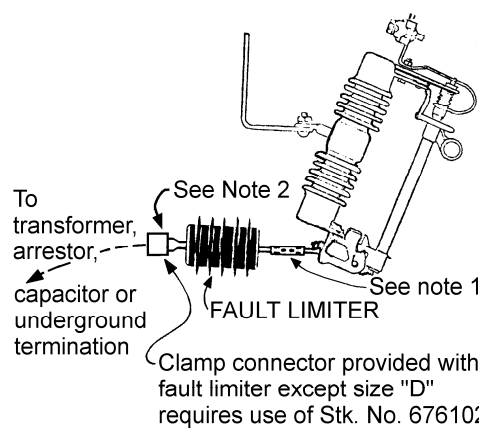
**NOTE:** Under no circumstances connect the fault limiter to the top of the cutout.

684910 684912

**DIRECT MOUNTING**



**CONNECTOR BAR MOUNTING**

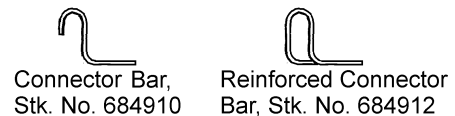
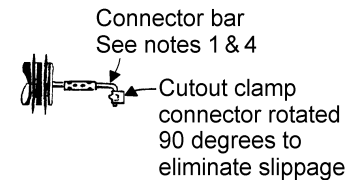


**NOTES:**

1. #2/0 Al. Anderson Compression Sleeve, Stk. No 650102. Use VC-6 press making four indents as shown:



2. Insert a 1-1/2" piece of #1/0 or #2/0 bar wire in the vacant side of all connectors before tightening. This will prevent rotation and breakage of bolt. (Parallel groove connector only)
- \*3. Make indent on top of connector at each end, then rotate and press 90 degrees for the two center indents. In no case should the indents be placed in the center on the top of the connector.
4. For mounting size "D" fault limiter, reinforced connector bar Stk. No. 684912 is required. Other sizes of limiters may use standard connector bar Stk. No. 694910.



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