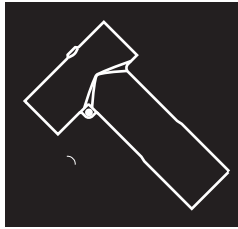


CAUTION : Read instructions thoroughly and completely prior to beginning installation.

Installation Instructions Separable Tee Connector - Type C interface

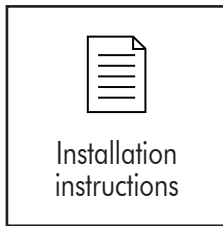
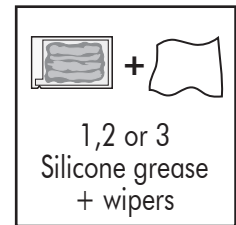
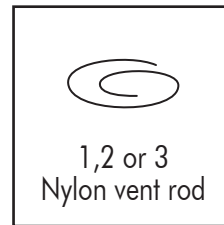
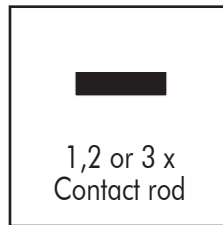
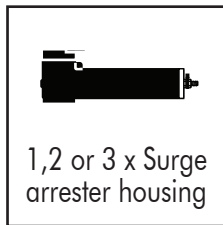


800SA

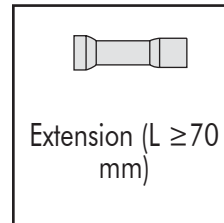
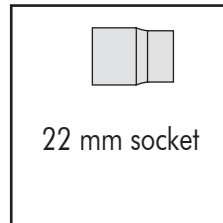
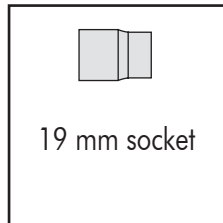
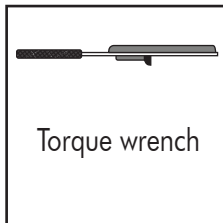
Surge arrester - CENELEC Type C interface

Surge arrester installation on 484TB/G or 804PB/G connector

Contents



Necessary tools (not contained in this kit)



IMPORTANT :

- Ensure that the **Maximum Continuous Operating Voltage (M.C.O.V.)** of the system does not exceed the **M.C.O.V.-rating** of the surge arrester.
- Check contents of package to insure it is complete and inspect parts for damage and compatibility with mating parts.
- These products are supplied with protective shipping covers.
- Have all required tools at hand and observe cleanliness throughout the procedure.
- Handle the surge arrester with care to avoid that it is dropped or knocked since this could damage the internal structure.

Euromold
a Nexans company

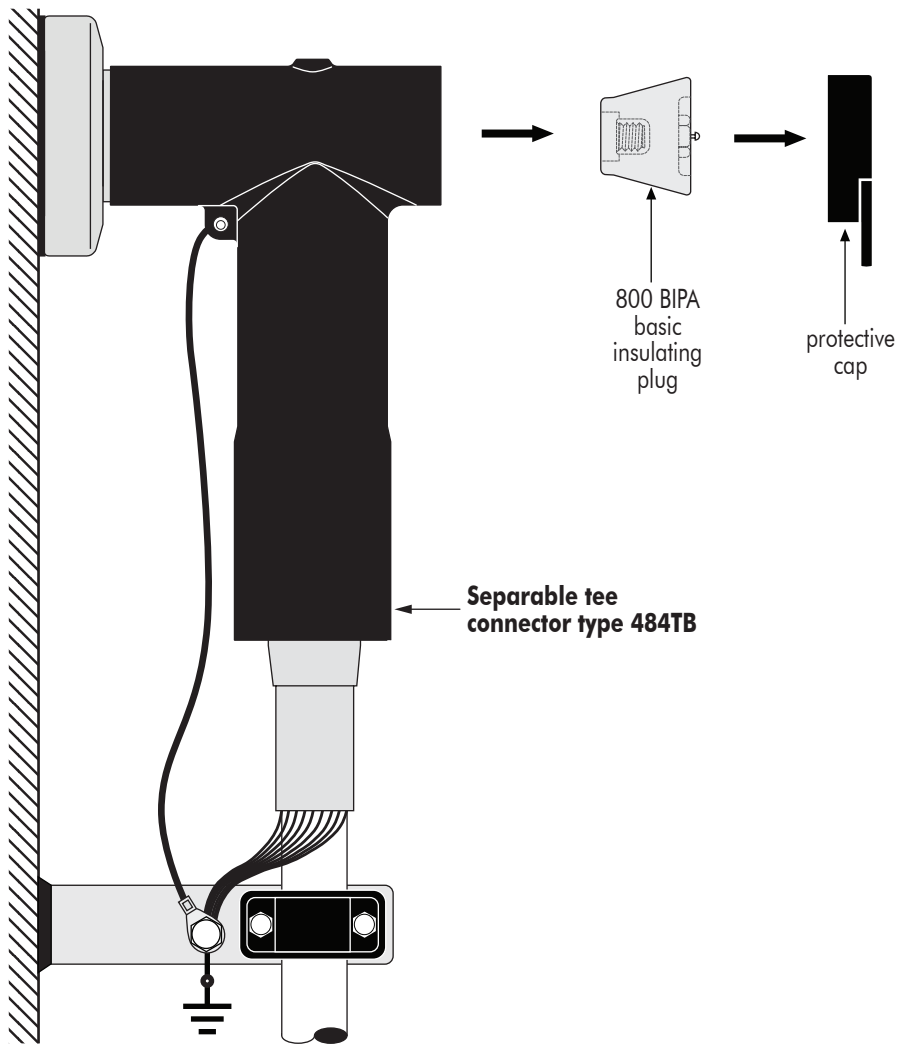
This product should be installed only by competent personnel trained in good safety practices involving high voltage electrical equipment. These instructions are not intended as a substitute for adequate training or experience in such safety practices. These instructions do not attempt to provide for every possible contingency. Failure to follow these instructions could result in damage to the product and serious or fatal injury. **IMPORTANT :** Cable and associated apparatus must be de-energised, locked out, and tagged prior to product installation.



FOR INFORMATION ONLY Please always use the instructions supplied in the kit



IMPORTANT : The circuit must be tested to assure it is de-energised.



- 1 Remove the protective cap from the tee connector.
- 2 Remove the 800BIPA basic insulating plug. Use a wrench with 22 mm socket.
- 3 Put the cap and the insulating plug aside in a clean and safe place for later re-use.
- 4 Do not remove the clamping screw. Make sure the clamping screw is still tight. If not, torque it to 50 Nm (a 22mm socket, an extension and torque wrench is required)



FOR INFORMATION ONLY Please always use the instructions supplied in the kit





FOR INFORMATION ONLY Please always use the instructions supplied in the kit



clamping screw

hexagonal contact rod

40 Nm

19 mm socket

1/2" - 12,7 mm torque wrench

- 1 Clean and lubricate* the female interface of the tee connector.
- 2 Screw the hexagonal contact rod on to the clamping screw.
- 3 Use a torque wrench with a 19 mm socket
- 4 Tighten exerting **40 Nm** of torque.

In order to achieve the correct applied torque ensure that there is no lubricant on the threaded parts.

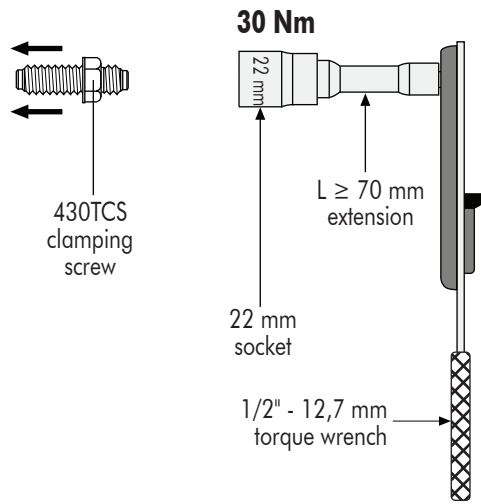
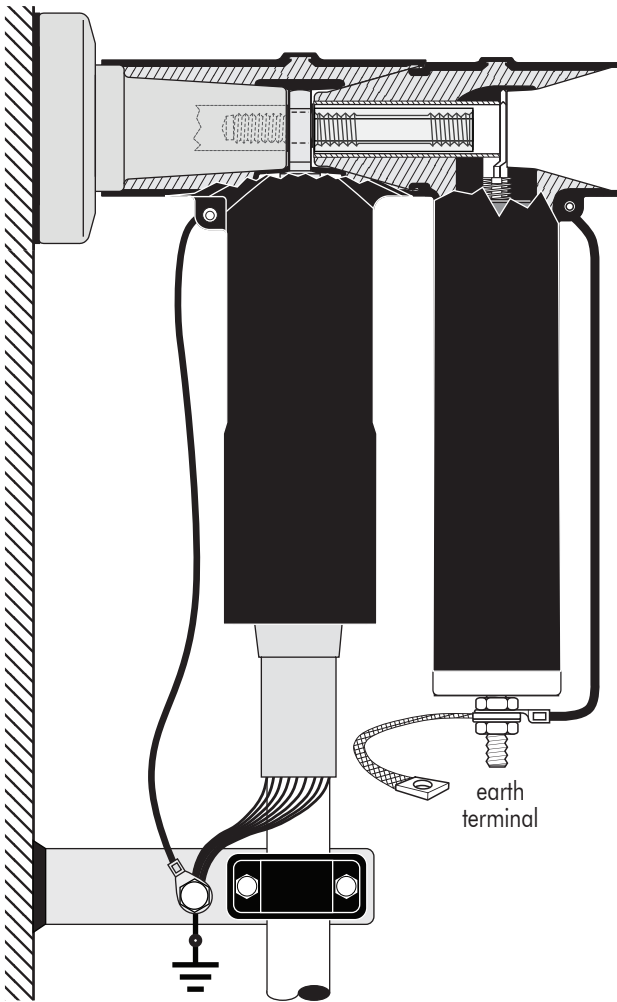
metal insert

contact rod

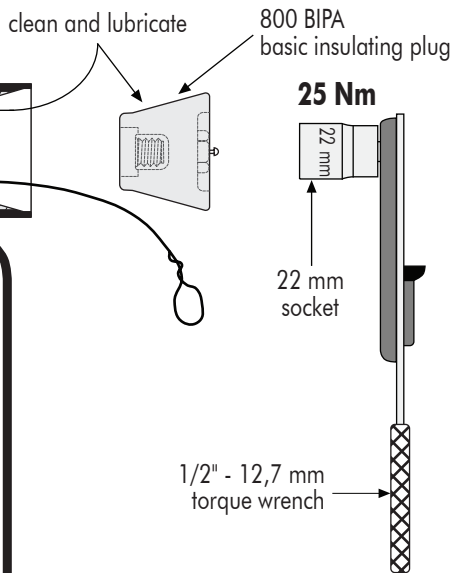
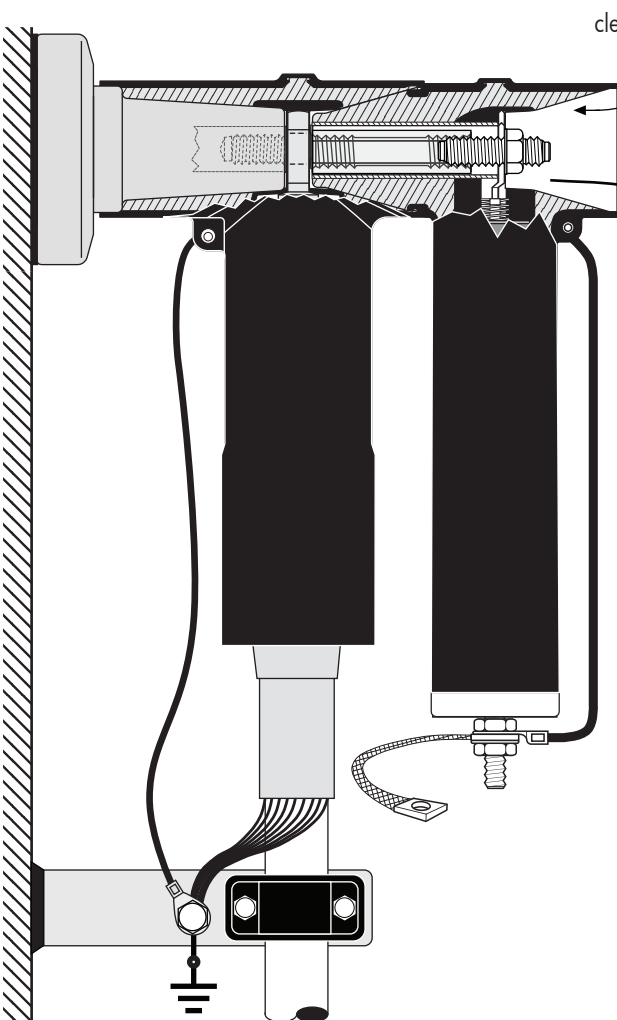
lubricate

surge arrester

- 1 Inspect the male interface of the surge arrester and lubricate* it.
- 2 Slide the surge arrester with its male interface over the installed contact rod and push it home.
- 3 Make sure to align the contact rod and metal bus of the surge arrester during assembly.



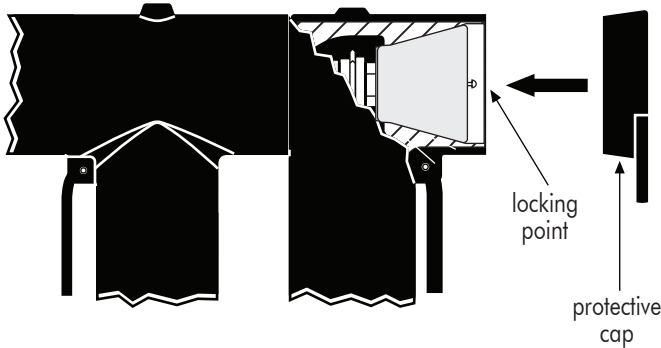
- 1 Insert the 430TCS clamping screw into the threaded hole of the contact rod.
- 2 Ensure the body of the surge arrester is positioned vertically and the earth terminal-side is pointing downwards.
- 3 Use torque wrench with an extension and 22 mm socket and tighten exerting **30 Nm** (3 kgm or 22 foot-pounds) of torque. **In order to achieve the correct applied torque ensure that there is no lubricant on the threaded parts.**



- 1 Clean and lubricate* the female interface of the arrester and interface of the basic insulating plug.
- 2 Place the nylon vent rod along the female connector's interface to exhaust the air during assembly and insert the insulating plug in the arrester, engage the threads and hand tighten.
- 3 **Remove the nylon vent rod.**
- 4 Tighten assembly : use torque wrench with 22 mm socket and tighten exerting **25 Nm** of torque. **In order to achieve the correct applied torque ensure that there is no lubricant on the threaded parts.**

* USE ONLY THE SILICONE LUBRICANT SUPPLIED

FOR INFORMATION ONLY Please always use the instructions supplied in the kit



INSTALLATION ON INSULATING PLUG WITH VOLTAGE DETECTION POINT :

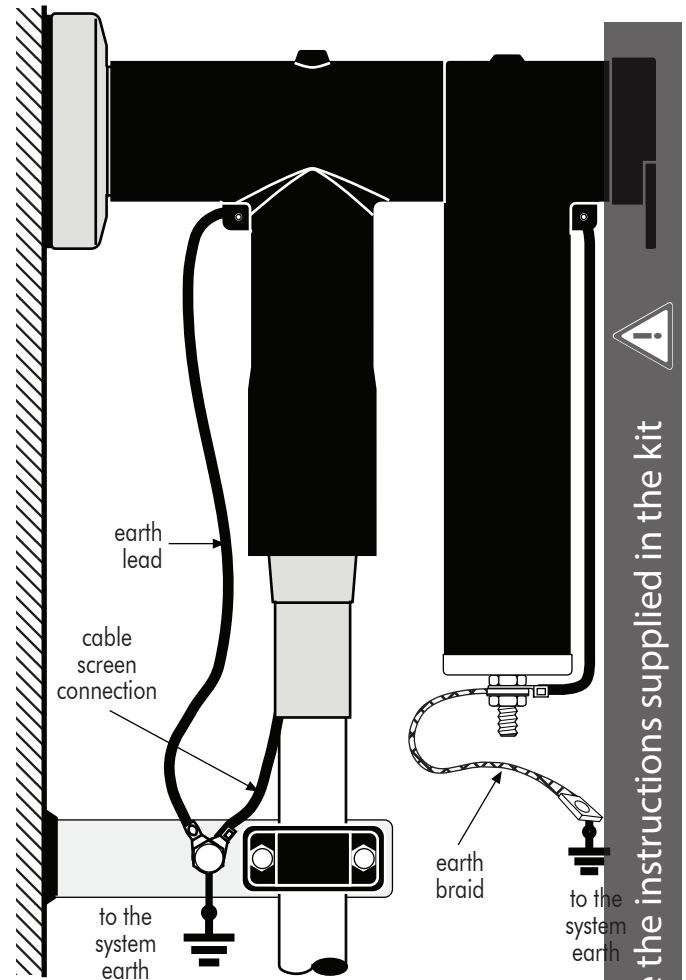
Clean inside of the cap and outside surface of connector and insulating plug. Push cap over the surge arrester and on to the insulating plug. Slightly pull up the edge of the cap to exhaust the air during assembly and while pressing the centre of the cap on to the locking point until it snaps in place. Position the cap with the pulling tab pointing downwards.

NOTE :

A connector should not be allowed to carry the full weight of the cable. Therefore it is necessary the cable is clamped as close as possible to the connector.

IMPORTANT NOTES :

- Never disconnect the connector from energised equipment nor energise a disconnected elbow without previously installing on its corresponding Stand-Off Plug.
- Do not allow hydrocarbon oils or solvents to contaminate the E.P.D.M. rubber. In the event of contamination, wipe the surface clean with a dry cloth.



Ensure the tee connector is earthed and connect earth braid of the surge arrester to the system earth.

FOR INFORMATION ONLY Please always use the instructions supplied in the kit