

CAUTION:

Read instructions thoroughly and completely prior to beginning installation.

Installation Instructions

156SA

Surge arrester

Surge arrester installation on CENELEC Type A equipment interface

Contents : 1 x Surge arrester housing	1 x Tinned copper wire; L = 500 mm
2 x Bail plates	1 x Sachet silicone grease
2 x Knurled thumb nuts	1 x Wiper
2 x Hooked threaded bail leg	1 x Installation instructions
1 x Nylon vent rod	

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.

- De-energise the system

The circuit must be tested to confirm that it is indeed de-energised and earthed prior to install the surge arrester.

- Removal of the defective surge arrester

If the defective surge arrester is still installed on the 400RTPA reducing tap plug interface :

- Disconnect the earth lead of the surge arrester from the system earth.
- Disassemble and remove the bail restraint from the surge arrester.

- Check the type A - 250 A equipment interface

- The equipment interface must conform to the DIN 47636, EDF C 33-051, CENELEC HD 506 S1, NBN C68-207 or ANSI/IEEE 386 standards (see fig. 1).
- The interface must be visually inspected for damages. If it is found defective a replacement is needed.

Fig. 1

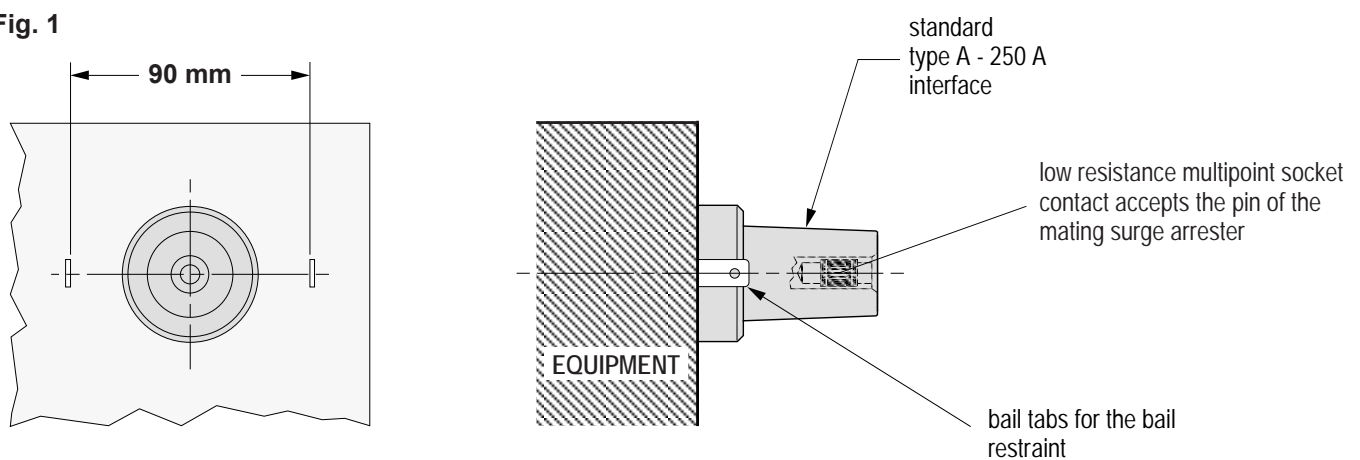
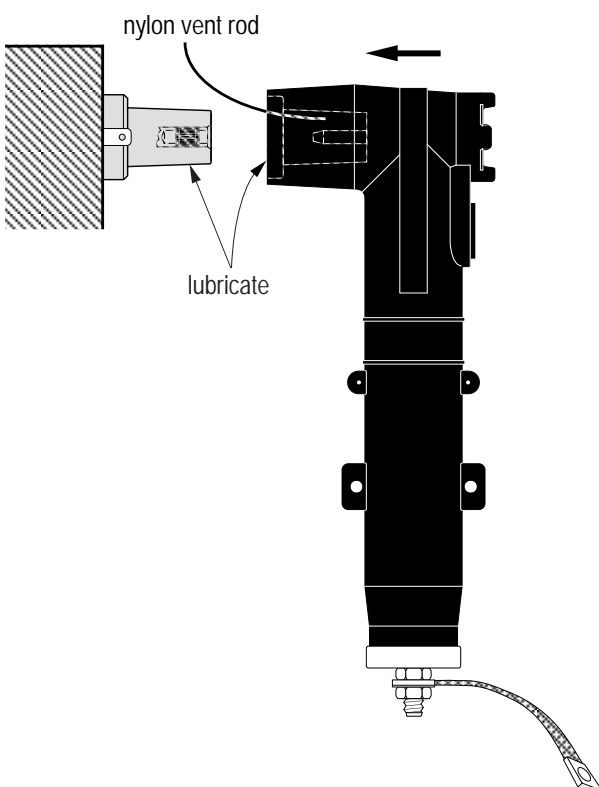


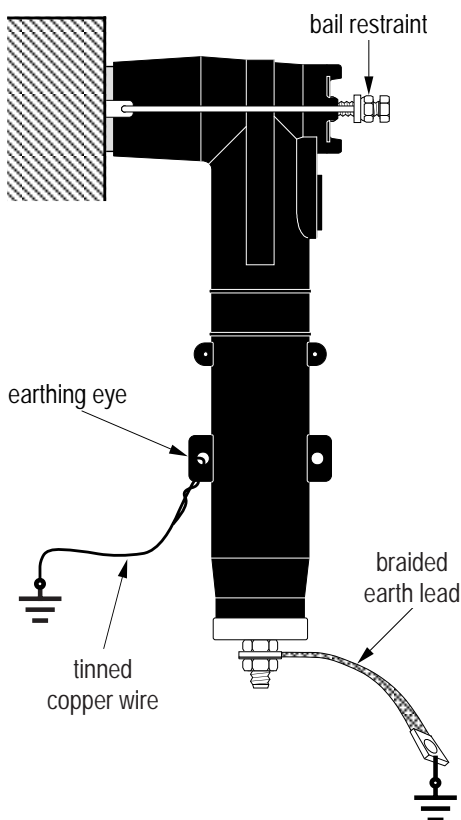
Fig. 2



- Clean and freshly lubricate* the type A equipment interface and surge arrester interface.
 - Insert the supplied nylon vent rod into the female interface of the surge arrester.
 - Push the surge arrester on to the equipment interface making sure that the surge arrester body is **pointing down**.
- REMOVE THE NYLON VENT ROD !**
- Hook the bail legs into the bail tabs of the equipment and moderately tighten the knurled nuts.



Fig. 3



- Hook the bail arm in to the bail tabs of the equipment bushing.
- Position bail arm, tighten bolt and adjust nut.

DO NOT APPLY EXCESSIVE FORCE ON THE SURGE ARRESTER

- The braided earth lead, connected to the threaded stud of the surge arrester, must be solidly connected to the system earth.

DO NOT TIE TOGETHER WITH THE OTHER EARTHING LEADS !

- Connect supplied tinned copper wire to the arrester's earthing eye and connect the other end separately and independent of the braided earth lead of the arrester to the system earth.

INSPECT THE ASSEMBLY :

Verify that the assembly is correct, that the bail restraint is installed properly, that the nylon vent rod has been removed and that the earth leads are all connected correctly.

RE-ENERGISE THE SYSTEM :

Clear the area around the surge arrester or cover the surge arrester location when energising the system.

*** USE ONLY THE SILICONE LUBRICANT SUPPLIED**

IMPORTANT NOTE :

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.

Euromold
a Nexans company

EUROMOLD N.V.
Zuid III - Industrielaan 12
B-9320 EREMBODEGEM-AALST – BELGIUM
Tel: +32 (0)53/85 02 11 – Telefax: +32 (0)53/83 10 13



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

