

PRODUCT INFORMATION COMMENTS ON REPLACEMENT BUSHING GOH 150

General

This high current bushing have been designed to replace the old type GOH 150-bushing.

The bushing is intended for vertical mounting. The bushing is deviating from the old type in that the sealing system is of the membrane type. The electrical data and dimensions are identical to the original GOH-type.

For new installations we recommend GOH 170.

This product information only deals with the details that differs from standard GOH 170. For detailed information, see product information 2750 515E-85.

Capacitances

The nominal capacitances between the bushing connection and test tap are shown below.

The capacitance value from the routine test is available in the routine test report, which shall be compared with the results from control measurements.

GOH 150-09 $C_1=315 \text{ pF} \pm 10 \%$

GOH 150-21 $C_1=560 \text{ pF} \pm 10 \%$

Oil level

The oil level at room temperature is $75 \pm 5 \text{ mm}$, see figure in next page.

**** WARNING ****

The bushing shall be de-energized and grounded before any kind of work is carried out

Design

1. Outer terminal plates
2. Oil filling plug M8
3. Expansion space
4. Oil
5. Porcelain insulator
6. Lifting eye
7. Mounting flange
8. Test tap 2769 518-A
9. Oil side terminal and cooling flanges
10. Porcelain insulator
11. condenser body
12. Bottom plate
13. Membrane sealing system
14. Spring device

