

# ABB Components' Newsletter

Information to ABB Components' customers

April 1999

*Dear customer,*

*This Newsletter missed March only by a few days! I have been busy arranging translations of our product catalogues to Russian, Finnish, Portuguese, German and Spanish. Our document store and our web site are continuously completed with new language editions.*

*This issue is focused on GSA bushings, and you can read more about the newest type in the GSA family: the GSA-OO (oil - oil).*

*I would also like to remind you, that April is the last month for ordering cooling equipment and de-energized tap-changers. The production stops June 30.*

*You will hear from me later, when spring comes to Sweden!*

*Catharina Malmberg*

## ABB Components' Newsletter

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The development of the new dry type GSA bushing platform started in 1993 and ended up in 1997 with the first assortment of transformer and wall bushings. The production plant was set up during 1996 and inaugurated in May 1997. Now we proudly present the latest addition to the GSA assortment: the oil - oil type.

## GSA-OO - New solid oil-oil bushing

The solid GSA-OO bushing is completely dry and based on a resin impregnated paper condenser core. The connection system consists of either flexible or solid pull through conductors with the outer terminal integrated with the conductor. The bushings are fitted to the transformer by means of a cast aluminium flange with an integrated measuring tap.



The RIP core is moulded at vacuum. Each bushing is processed individually which makes it possible to optimise the process parameters for different sizes of bushings such as temperature, pressure, gelling and curing times.

The dry type GSA bushings provide excellent performance in all environments with the highest possible reliability and availability during its entire life cycle. An extensive type and design test programme has been conducted in order to verify the built in safety margins and to ensure that the GSA bushings fulfil the stated test levels or higher according to applicable standards.

### List of documents

*Order them from ABB Components or download them from our web site. \*) Published shortly.*

Pamphlet, GSA bushings, 1ZSE 2750-110

Technical Guide GSA-OA, 1ZSE 2750-111

Technical Guide GSA-AA, 1ZSE 2750-112

Technical Guide GSA-OO, 1ZSE 2750-116 \*)

Pamphlet GSA-OA, 1ZSE 2750-113

Pamphlet GSA-AA, 1ZSE 2750-114

Pamphlet GSA-OO, 1ZSE 2750-115

Installation & maintenance guide GSA-OA, 2750 515-115

Installation & maintenance guide GSA-AA, 2750 515-133

Installation & maintenance guide GSA-AA-outdoor, 2750 515-137

Installation & maintenance guide GSA-OO, 2750 515-138\*)

Resin impregnated paper bushings, 2750 515-130

Silicone rubber, 2750 515-131

Temperature dependency, resin impregnated paper bushings, 2750 515-134

## Last month to order cooling equipment and de-energized tap-changers from ABB Components

As informed in a letter in November 1998, the management of ABB Components AB has decided to stop production of cooling equipment and de-energized tap-changers. Products affected are the VVAM, PMA, FA, UOR and UOV. The stop of production will strengthen our core business on-load tap changers and bushings.

The last delivery for the products above will be 99-06-30. **Thus April is the last month for ordering, and orders will not be accepted later than 99-04-30.**

We understand that there are pending projects where those accessories are needed during and beyond 1999. It is our ambition to meet your requirements, so we kindly ask you for a forecast to be able to prepare necessary capacity for orders to be expected up to this date. From 99-07-01 spare parts will be available from ABB Components' service department.

The following suppliers will be providing the products from July '99:

### Cooling equipment

ABB Coiltech AB  
SE-614 81 Söderköping  
SWEDEN  
Tel +46 121 191 00  
Fax +46 121 148 50

### De-energized tap-changers

ABB Power T&D  
Components Division  
Alamo TN, United States  
Tel +19016965561  
Fax +19016965269



## New UCG design

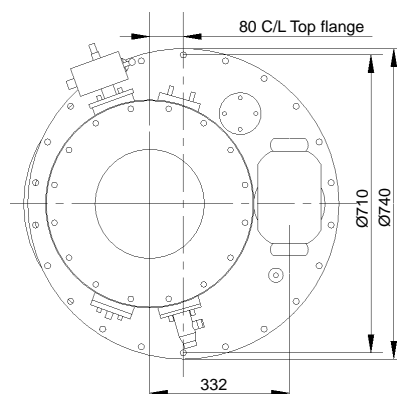
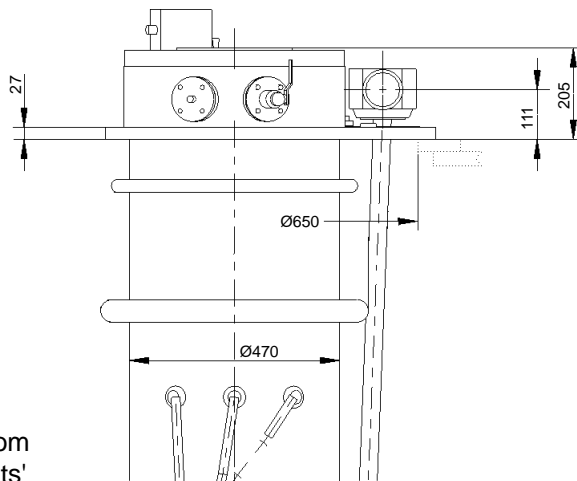
From the second half of 1999, the new version of UCG will be delivered.

The main differences from the old version are:

- The delivery time will be shortened by one week.
- The cylinder is fastened with rivets instead of with glue.
- New flange dimensions. (The figure shows the dimensions that are changed.)
- New cylinder diameter.
- The positioning of the accessories.

The new drawings and 3D models will be available from April 1, at ABB Components' web site [www.abb.se/com](http://www.abb.se/com) and in the COM\_MUNICATOR database [www.abbcomponents.com](http://www.abbcomponents.com).

We will get back to you shortly with more information. ■



## Quick response to Quick Shop!

As you could read in the February Newsletter, Quick Shop is our way to offer part of our bushing range, the most frequent types, on even shorter delivery times than before.

Just a few days after the Quick Shop was introduced, our customers started to discover the advantages. For example, this is how we delivered 4 GOB bushings in just 4 days:

**Day 1-2:** The order was sent to the order handler, who passed the order on to the workshop. The delivery was confirmed from the workshop. The final assembly of the bushings was made. The bushings were packed and the transport was booked.

**Day 3:** Bushings collected in Ludvika.

**Day 4:** Bushings delivered to customer. ■

## Correction

In the last issue we presented our new representative in China, Lance Zhao. Unfortunately there was a typing error to his fax number. The correct number is **+86 10 6595-5004**. ■

