



SIEMENS

Retrofit for SIMOREG and SIMOREG DC MASTER

Extended fault diagnosis options and simplified spare parts inventories through conversion to SINAMICS DCM

Future-proof renovation of SIMOREG converters

SIMOREG converters were installed around the world up until 2004 and proved highly durable and reliable in operation. After that date, the SIMOREG series was replaced by the successor product SINAMICS DCM, although Siemens continued to ensure comprehensive spare parts availability for a full ten years thereafter. Since June 2014, the production of spare parts for SIMOREG 6RA23/24/28 has now been discontinued since suppliers no longer manufacture many of the components. Failure of a SIMOREG 6RA2x can only be fixed immediately if you still have the spare parts in stock.

Production of all devices of the SIMOREG DC MASTER 6RA70 series was also stopped by February 2014. The guaranteed spare parts supply will continue through October 2020.

In order to ensure the ongoing operation of your converters on which your entire plant depends, Siemens therefore recommends replacing old or badly worn devices with the successor product SINAMICS DCM 6RA80 – for example during the course of scheduled maintenance work.

[siemens.com/retrofit-ids](https://www.siemens.com/retrofit-ids)



SINAMICS DCM – your advantages:

- Long-term assured availability of spare parts for your plant
- Fast exchange of devices thanks to modular design
- Additional networking possibilities via PROFINET, PROFIBUS and USS
- User-friendly start-up and diagnosis with the STARTER start-up tool
- Simple monitoring of operation per operator panel

Complete retrofit on SINAMICS DCM

You can replace SIMOREG 6RA2x and 6RA70 with the successor product SINAMICS DCM 6RA80 without problem. The existing DC motors can simply be left in operation without modification. SINAMICS DCM 6RA80 covers the full scope of functions as well as the entire performance range of SIMOREG equipment.

SINAMICS devices also offer you the advantage of a modular system. Switching to the modular SINAMICS product portfolio simplifies spare parts management and diagnostic capability. This is ensured by the easy accessibility of the individual modules and power components as well as the straightforward wiring using plug-in technology. This enables everything to be replaced quickly and easily. The advantages of the modular, service-friendly design apply equally for cabinet units and built-devices of the SINAMICS series.

Optimized operator friendliness and networking

The SINAMICS operator panel AOP30 provides you with a straightforward means of monitoring operation. Internal trace functions as well as automatic logging of incidents in operation also considerably extend the diagnostic capabilities. A advantage for networking is that in addition to the analog-digital interface, there are also other connection options in the form of PROFINET (including remote services) as well as the standard PROFIBUS and USS.

Assured plant availability

Upgrading to the latest state-of-the-art of the SINAMICS modular system assures you availability of spare parts again for many years – and simplifies spare parts management.

Increase performance – with Industry Services

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Article no. DFCS-B10023-00 7600|
Printed in Germany | GB150337 06151.0 |
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