

## **Engineering Manual SINAMICS G130, G150, S120 Chassis, S120 Cabinet Modules, S150 (Power units with Control Interface Module CIM and Control Unit CU320-2 with firmware $\geq$ 4.3)**

Version 6.4 of the SINAMICS Low Voltage Engineering Manual is a supplement to the SINAMICS catalogs D 11 and D 21.3.

All information in this Engineering Manual is valid for SINAMICS units with the following hardware and software:

- Power unit with Control Interface Module CIM (order number ending with digit 3, e.g. 6SL3310-1GE38-4AA3)
- Control Unit CU320-2
- Firmware version 4.3 or higher

The Engineering Manual SINAMICS Low Voltage is designed to provide additional support to the SINAMICS drives converter family. The manual is focused on typical applications of the Large Drives Division, i.e. drives in the higher power range with chassis and cabinet units operating in vector control mode. Drives in the lower power range with units in Blocksize or Booksize format and drives operating in servo control mode are both treated as marginal subjects only.

The Engineering Manual contains a general description of the fundamental principles of variable-speed drives as well as detailed system descriptions and specific information about the following SINAMICS converter and inverter units:

- Converter Chassis Units SINAMICS G130 (Catalog D 11)
- Converter Cabinet Units SINAMICS G150 (Catalog D 11)
- Modular Chassis Units SINAMICS S120 (Catalogs D 21.3 and PM21 / "SINAMICS S120 drive system")
- Modular Cabinet Units SINAMICS S120 Cabinet Modules (Catalog D 21.3)
- Converter Cabinet Units SINAMICS S150 (Catalog D 21.3).

### **Information and Download Center**

[http://w3app.siemens.com/mcms/infocenter/content/en/Pages/order\\_form.aspx?nodeKey=key\\_516849&infotype=catalogs&linkit=b6e260e1-c2ea-449a-842c-4fbc73128084](http://w3app.siemens.com/mcms/infocenter/content/en/Pages/order_form.aspx?nodeKey=key_516849&infotype=catalogs&linkit=b6e260e1-c2ea-449a-842c-4fbc73128084)

Siemens Industry Online Support <http://support.automation.siemens.com/WW/view/en/83180185>

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