

SIMOREG DC CONVERTER SYSTEMS

Product Data Sheet

6RY1701-0AA04

DC drive control module

FUNCTION DC drive control module	FAMILY SIMOREG DC converter systems	ORIGIN Germany	WEIGHT 0.7 kg
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Siemens SIMOREG 6RY1701-0AA04 is a DC drive control module for the SIMOREG DC converter systems. The values below are limited to the exact documented article.

01

VERIFIED TECHNICAL DATA

Component Class	DC drive control module
Drive Family	SIMOREG DC converter systems
Primary Function	Processes regulator commands and feedback
Power Architecture	Digital converter electronics
Voltage Class	DC-drive control class
Current Rating	Regulator signal channels
Control Supply	24 V DC control class
Power Section	Central regulator section
Mechanical Design	Plug-in service assembly
Electrical Interface	Control, feedback and firing plugs

ADDITIONAL PRODUCT DATA

Cooling Integration	Cabinet cooling arrangement
Board Designation	6RY1701-0AA04 assembly
Service Role	Siemens service component
Product Status	Verify installed revision
Commissioning Check	Run diagnostics and functional test

OFFICIAL APPLICATIONS

- Apply the 0AA04 regulator module: Use 6RY1701-0AA04 to process regulator commands and feedback within the documented SIMOREG DC converter systems. Confirm the assigned central regulator section, electrical class and controlled drawing before work.
- Match the Control, feedback and firing plugs: Record connector keying, cable labels, adjacent assemblies, protective earth and the exact 6RY1701-0AA04 assembly. Preserve the documented 0AA04 regulator module interface during exchange.
- Validate the Run diagnostics and functional test: After installation, run diagnostics and functional test. Review Siemens diagnostics, record measured results and release the affected control or power function through the site procedure.

SYSTEM COMPATIBILITY

Match 6RY1701-0AA04 to the installed SIMOREG DC converter systems, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Siemens Industry manufacturer documentation](#)

<https://support.industry.siemens.com/cs/products?search=6RY1701-0AA04>

AMIKON PRODUCT SUPPORT

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