

SIMOREG DC CONVERTER SYSTEMS

Product Data Sheet

6RY1703-0AA01

Terminal control module

FUNCTION Terminal control module	FAMILY SIMOREG DC converter systems	ORIGIN Germany	WEIGHT 0.2 kg
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Siemens SIMOREG 6RY1703-0AA01 is a Terminal control module for the SIMOREG DC converter systems. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Component Class	Terminal control module
Drive Family	SIMOREG DC converter systems
Primary Function	Interfaces field terminals with control electronics
Power Architecture	Digital converter electronics
Voltage Class	DC-drive terminal class
Current Rating	Terminal channel rating
Control Supply	24 V DC control class
Power Section	Regulator terminal section
Mechanical Design	Plug-in service assembly
Electrical Interface	C98043-A7001-L2 terminals

Cooling Integration	Cabinet cooling arrangement
Board Designation	6RY1703-0AA01 assembly
Service Role	Siemens service component
Product Status	Verify installed revision
Commissioning Check	Run diagnostics and functional test

- Apply the 0AA01 terminal module: Use 6RY1703-0AA01 to interface field terminals with control electronics within the documented SIMOREG DC converter systems. Confirm the assigned regulator terminal section, electrical class and controlled drawing before work.
- Match the C98043-A7001-L2 terminals: Record connector keying, cable labels, adjacent assemblies, protective earth and the exact 6RY1703-0AA01 assembly. Preserve the documented 0AA01 terminal 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.

Match 6RY1703-0AA01 to the installed SIMOREG DC converter systems, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[Siemens Industry manufacturer documentation](#)

<https://support.industry.siemens.com/cs/products?search=6RY1703-0AA01>

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