

SIMOREG DC MASTER CONVERTERS

Product Data Sheet

6RY1803-0CA11

Field supply control board

FUNCTION	FAMILY	ORIGIN	WEIGHT
Field supply control board	SIMOREG DC Master converters	Germany	0.55 kg

Siemens SIMOREG 6RY1803-0CA11 is a Field supply control board for the SIMOREG DC Master converters. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Component Class	Field supply control board
Drive Family	SIMOREG DC Master converters
Primary Function	Regulates the DC motor field supply and field-current feedback
Power Architecture	Field converter electronics
Voltage Class	24 V DC control supply
Current Rating	Field-circuit defined current
Power Section	Field supply section
Mechanical Design	Plug-in control board
Electrical Interface	Field firing and current-feedback plugs
Commissioning Check	Verify field polarity and current regulation

- Apply the field-current regulation: Use 6RY1803-0CA11 to regulate the dc motor field supply and field-current feedback within the documented SIMOREG DC Master converters. Confirm the field supply section, electrical class and controlled system drawing before work.
- Prepare the field polarity check: Record field firing and current-feedback plugs, adjacent assemblies, cable routing, protective earth and configuration data. Preserve the exact SIMOREG field board arrangement during replacement.
- Complete the weak-field validation: Verify field polarity and current regulation. Review Siemens diagnostics and record the final SIMOREG field board result before returning the affected function to service.

Match 6RY1803-0CA11 to the installed SIMOREG DC Master converters, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[Siemens manufacturer documentation](#)

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