

SINAMICS DCM CONVERTERS

Product Data Sheet

6RY1803-0CA03

Field supply interface board

FUNCTION Field supply interface board	FAMILY SINAMICS DCM converters	ORIGIN Germany	WEIGHT 0.22 kg
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Siemens SIMOREG 6RY1803-0CA03 is a Field supply interface board for the SINAMICS DCM converters. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Component Class	Field supply interface board
Drive Family	SINAMICS DCM converters
Primary Function	Regulates motor field supply commands
Power Architecture	Digital converter electronics
Voltage Class	400–480 V AC input
Current Rating	10–110 A DC field output
Control Supply	24 V DC control electronics
Power Section	Field converter section
Mechanical Design	Plug-in service assembly
Electrical Interface	Field, current and control plugs

ADDITIONAL PRODUCT DATA

Cooling Integration	Cabinet cooling arrangement
Board Designation	6RY1803-0CA03 assembly
Service Role	Siemens service component
Product Status	Verify installed revision
Commissioning Check	Run diagnostics and functional test

OFFICIAL APPLICATIONS

- Apply the|0CA03 field interface: Use 6RY1803-0CA03 to regulate motor field supply commands within the documented SINAMICS DCM converters. Confirm the assigned field converter section, electrical class and controlled drawing before work.
- Match the|Field, current and control plugs: Record connector keying, cable labels, adjacent assemblies, protective earth and the exact 6RY1803-0CA03 assembly. Preserve the documented 0CA03 field interface 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 6RY1803-0CA03 to the installed SINAMICS DCM converters, 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=6RY1803-0CA03>

AMIKON PRODUCT SUPPORT

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