

SINAMICS DCM CONVERTERS

Product Data Sheet

6RY1803-0CA24

DC converter interface module

FUNCTION	FAMILY	ORIGIN	WEIGHT
DC converter interface module	SINAMICS DCM converters	Germany	0.82 kg

Siemens SIMOREG 6RY1803-0CA24 is a DC converter interface module for the SINAMICS DCM converters. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Component Class	DC converter interface module
Drive Family	SINAMICS DCM converters
Primary Function	Conditions armature and field interface signals
Power Architecture	Digital converter electronics
Voltage Class	DC converter interface class
Current Rating	Channel-specific signal rating
Control Supply	24 V DC control class
Power Section	DCM power interface section
Mechanical Design	Plug-in service assembly
Electrical Interface	Field, armature and feedback plugs

ADDITIONAL PRODUCT DATA

Cooling Integration	Cabinet cooling arrangement
Board Designation	6RY1803-0CA24 assembly
Service Role	Siemens service component
Product Status	Verify installed revision
Commissioning Check	Run diagnostics and functional test

OFFICIAL APPLICATIONS

- Apply the|0CA24 DCM interface: Use 6RY1803-0CA24 to condition armature and field interface signals within the documented SINAMICS DCM converters. Confirm the assigned dcm power interface section, electrical class and controlled drawing before work.
- Match the|Field, armature and feedback plugs: Record connector keying, cable labels, adjacent assemblies, protective earth and the exact 6RY1803-0CA24 assembly. Preserve the documented 0CA24 DCM 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 6RY1803-0CA24 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=6RY1803-0CA24>

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM