

SINAMICS DCM

Product Data Sheet

6RY1803-0CM20

Coated power interface module

FUNCTION Coated power interface module	FAMILY SINAMICS DCM	ORIGIN Austria	WEIGHT 0.82 kg
--	-------------------------------	--------------------------	--------------------------

Siemens SIMOVERT 6RY1803-0CM20 is a Coated power interface module for the SINAMICS DCM. The values below are limited to the exact documented article.

01

VERIFIED TECHNICAL DATA

Component Class	Coated power interface module
Drive Family	SINAMICS DCM
Primary Function	Drives isolated IGBT signal paths
Power Architecture	Optocoupled power interface
Voltage Class	±15 V DC electronics
Current Rating	28 mA maximum consumption
Control Supply	3.3–24 V DC logic
Power Section	DCM firing interface section
Mechanical Design	Conformal-coated board
Electrical Interface	C98043-A7109-L100 plugs

ADDITIONAL PRODUCT DATA

Cooling Integration	Cabinet ambient cooling
Board Designation	6RY1803-0CM20 coated PI
Service Role	DC converter interface spare
Product Status	PM300 active spare
Commissioning Check	Check +18 V / -5 V driver rails

OFFICIAL APPLICATIONS

- Use the Coated power interface module: Apply 6RY1803-0CM20 for drives isolated igbt signal paths after matching the exact system, electrical class and installed section.
- Confirm the ± 15 V DC electronics configuration: Compare the nameplate, board designation, connectors, companion hardware and cooling arrangement before removal.
- Validate the restored equipment: Check +18 V / -5 V driver rails. Review diagnostics and test the affected drive, axis, interface or operator function before return to service.

SYSTEM COMPATIBILITY

Match 6RY1803-0CM20 to the installed SINAMICS DCM, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Siemens Industry Mall and applicable manufacturer documentation](#)

<https://mall.industry.siemens.com/mall/en/WW/Catalog/Product/6RY1803-0CM20>

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM