

SINAMICS DCM

Product Data Sheet

6RY1803-0DB02

L05 power interface module

FUNCTION	FAMILY	ORIGIN	WEIGHT
L05 power interface module	SINAMICS DCM	Austria	0.7 kg

Siemens SIMOVERT 6RY1803-0DB02 is a L05 power interface module for the SINAMICS DCM. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Component Class	L05 power interface module
Drive Family	SINAMICS DCM
Primary Function	Monitors converter power interface
Power Architecture	L05 DC-drive interface option
Voltage Class	400–690 V AC monitoring
Current Rating	Signal-level measurement paths
Control Supply	24 V DC control input
Power Section	DCM power interface section
Mechanical Design	Coated option-board assembly
Electrical Interface	C98043-A7107-L4 plugs

ADDITIONAL PRODUCT DATA

Cooling Integration	Natural cabinet airflow
Board Designation	6RY1803-0DB02 option L05
Service Role	DCM interface spare
Product Status	PM300 active spare
Commissioning Check	Verify input sensing and relays

OFFICIAL APPLICATIONS

- Use the L05 power interface module: Apply 6RY1803-0DB02 for monitors converter power interface after matching the exact system, electrical class and installed section.
- Confirm the 400–690 V AC monitoring configuration: Compare the nameplate, board designation, connectors, companion hardware and cooling arrangement before removal.
- Validate the restored equipment: Verify input sensing and relays. Review diagnostics and test the affected drive, axis, interface or operator function before return to service.

SYSTEM COMPATIBILITY

Match 6RY1803-0DB02 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/6RY1803-0DB02>

AMIKON PRODUCT SUPPORT

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