

SINAMICS DCM

Product Data Sheet

6RY1803-0AA25-0AA1

Advanced CUD board

FUNCTION Advanced CUD board	FAMILY SINAMICS DCM	ORIGIN Germany	WEIGHT 0.4 kg
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Siemens SINAMICS 6RY1803-0AA25-0AA1 is a Advanced CUD board for the SINAMICS DCM. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Component Class	Advanced CUD board
Drive Family	SINAMICS DCM
Primary Function	Provides advanced coated converter control electronics
Power Architecture	Advanced CUD control platform
Voltage Class	24 V DC control supply
Current Rating	5 A maximum control input
Power Section	Left or right CUD slot
Mechanical Design	Conformal-coated board
Electrical Interface	6RY1803-0GA20 coated connector board
Commissioning Check	Load parameters and test all assigned I/O

- Use the Advanced CUD board: 6RY1803-0AA25-0AA1 supports provides advanced coated converter control electronics in the documented SINAMICS DCM arrangement. Confirm the installed section, adjacent hardware and controlled drawings before work.
- Match the 6RY1803-0GA20 coated connector board: Record connector keys, cable routing, grounding and every mating assembly before removing the installed component. Compare these details with the complete Siemens article and board revision.
- Complete the Advanced CUD board test: Load parameters and test all assigned I/O. Review drive diagnostics and record the final configuration before returning the affected machine function to service.

Match 6RY1803-0AA25-0AA1 to the installed SINAMICS DCM, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[Siemens manufacturer documentation](#)

<https://support.industry.siemens.com/>