

SINAMICS DCM

Product Data Sheet

6RA8013-6DV62-0AA0

Four-quadrant DC converter

FUNCTION Four-quadrant DC converter	FAMILY SINAMICS DCM	ORIGIN Germany	WEIGHT 11 kg
---	-------------------------------	--------------------------	------------------------

Siemens SINAMICS 6RA8013-6DV62-0AA0 is a Four-quadrant DC converter for the SINAMICS DCM. The values below are limited to the exact documented article.

01

VERIFIED TECHNICAL DATA

Component Class	Four-quadrant DC converter
Drive Family	SINAMICS DCM
Primary Function	Controls bidirectional DC motor power
Power Architecture	B6A/B6C regenerative converter
Voltage Class	50–400 V three-phase AC
Current Rating	15 A rated DC output
Control Supply	380–480 or 190–240 V AC
Power Section	Armature and field converter
Mechanical Design	Self-ventilated compact unit
Electrical Interface	420 V DC armature output

ADDITIONAL PRODUCT DATA

Cooling Integration	Natural self-cooling
Board Designation	6RA8013-6DV62-0AA0 DCM
Service Role	Regenerative DC drive
Product Status	PM300 active product
Commissioning Check	Test rotation and regeneration

OFFICIAL APPLICATIONS

- Use the Four-quadrant DC converter: Apply 6RA8013-6DV62-0AA0 for controls bidirectional dc motor power after matching the exact system, electrical class and installed section.
- Confirm the 50–400 V three-phase AC configuration: Compare the nameplate, board designation, connectors, companion hardware and cooling arrangement before removal.
- Validate the restored equipment: Test rotation and regeneration. Review diagnostics and test the affected drive, axis, interface or operator function before return to service.

SYSTEM COMPATIBILITY

Match 6RA8013-6DV62-0AA0 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/6RA8013-6DV62-0AA0>

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM