

SINAMICS / SIMOVERT MASTERDRIVES

Product Data Sheet

6SE7032-7EB87-2DA1

High-power braking unit

FUNCTION High-power braking unit	FAMILY SINAMICS / SIMOVERT MASTERDRIVES	ORIGIN Germany	WEIGHT 14.5 kg
--	---	--------------------------	--------------------------

Siemens SIMOVERT 6SE7032-7EB87-2DA1 is a High-power braking unit for the SINAMICS / SIMOVERT MASTERDRIVES. The values below are limited to the exact documented article.

01

VERIFIED TECHNICAL DATA

Component Class	High-power braking unit
Drive Family	SINAMICS / SIMOVERT MASTERDRIVES
Primary Function	Dissipates regenerated drive energy
Power Architecture	DC-link braking chopper
Voltage Class	510–650 V DC
Current Rating	170 kW braking duty
Control Supply	Internal control electronics
Power Section	External braking branch
Mechanical Design	IP20 cabinet unit
Electrical Interface	DC-link and resistor terminals

ADDITIONAL PRODUCT DATA

Cooling Integration	Cabinet air cooling
Board Designation	6SE7032-7EB87-2DA1 unit
Service Role	Heavy-drive braking component
Product Status	PM300 active product
Commissioning Check	Test DC threshold and resistor path

OFFICIAL APPLICATIONS

- Use the High-power braking unit: Apply 6SE7032-7EB87-2DA1 for dissipates regenerated drive energy after matching the exact system, electrical class and installed section.
- Confirm the 510–650 V DC configuration: Compare the nameplate, board designation, connectors, companion hardware and cooling arrangement before removal.
- Validate the restored equipment: Test DC threshold and resistor path. Review diagnostics and test the affected drive, axis, interface or operator function before return to service.

SYSTEM COMPATIBILITY

Match 6SE7032-7EB87-2DA1 to the installed SINAMICS / SIMOVERT MASTERDRIVES, 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/6SE7032-7EB87-2DA1>

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM