

SINAMICS G130 CHASSIS DRIVES

Product Data Sheet

6SL3300-1AE32-5AA0

SINAMICS braking module

FUNCTION SINAMICS braking module	FAMILY SINAMICS G130 chassis drives	ORIGIN Germany	WEIGHT 6.8 kg
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Siemens SINAMICS 6SL3300-1AE32-5AA0 is a SINAMICS braking module for the SINAMICS G130 chassis drives. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Component Class	SINAMICS braking module
Drive Family	SINAMICS G130 chassis drives
Primary Function	Dissipates regenerated DC-link energy through a braking resistor
Power Architecture	Chassis braking circuit
Voltage Class	600 V DC input
Current Rating	250 kW for 15 s
Power Section	GX chassis DC-link section
Mechanical Design	Chassis plug-in module
Electrical Interface	R1/R2 braking-resistor terminals
Commissioning Check	Verify activation threshold and resistor circuit

- Apply the|GX chassis braking: Use 6SL3300-1AE32-5AA0 for dissipates regenerated dc-link energy through a braking resistor within the documented SINAMICS G130 chassis drives. Confirm the gx chassis dc-link section, electrical class and controlled system drawing before work.
- Prepare the|250 kW peak duty: Record r1/r2 braking-resistor terminals, adjacent assemblies, cable routing, protective earth and configuration data. Preserve the exact 250 kW braking module arrangement during replacement.
- Complete the|resistor circuit test: Verify activation threshold and resistor circuit. Review Siemens diagnostics and record the final 250 kW braking module configuration before returning the affected function to service.

Match 6SL3300-1AE32-5AA0 to the installed SINAMICS G130 chassis drives, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[Siemens manufacturer documentation](#)

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