

SINAMICS S120 CHASSIS DRIVES

Product Data Sheet

6SL3352-6TG37-4AA3

S120 control interface board

FUNCTION	FAMILY	ORIGIN	WEIGHT
S120 control interface board	SINAMICS S120 chassis drives	Germany	0.4 kg

Siemens SINAMICS 6SL3352-6TG37-4AA3 is a S120 control interface board for the SINAMICS S120 chassis drives. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Component Class	S120 control interface board
Drive Family	SINAMICS S120 chassis drives
Primary Function	Interfaces the Control Unit with a high-voltage motor-module power stage
Power Architecture	High-voltage CIB electronics
Voltage Class	500–690 V AC
Current Rating	735 A motor-module class
Power Section	Motor Module
Mechanical Design	Plug-in CIB assembly
Electrical Interface	DRIVE-CLiQ and firing connectors
Commissioning Check	Verify gate channels and DC-link feedback

- Apply the 735 A motor stage: Use 6SL3352-6TG37-4AA3 to interface the control unit with a high-voltage motor-module power stage within the documented SINAMICS S120 chassis drives. Confirm the motor module, electrical class and controlled system drawing before work.
- Prepare the 690 V firing path: Record drive-cliq and firing connectors, adjacent assemblies, cable routing, protective earth and configuration data. Preserve the exact 735 A high-voltage CIB arrangement during replacement.
- Complete the gate-channel validation: Verify gate channels and DC-link feedback. Review Siemens diagnostics and record the final 735 A high-voltage CIB result before returning the affected function to service.

Match 6SL3352-6TG37-4AA3 to the installed SINAMICS S120 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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