

SINAMICS S120 CHASSIS DRIVES

Product Data Sheet

6SL3352-6TG41-3AA3

Control interface board

FUNCTION Control interface board	FAMILY SINAMICS S120 chassis drives	ORIGIN Germany	WEIGHT 1.34 kg
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Siemens SINAMICS 6SL3352-6TG41-3AA3 is a 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	Control interface board
Drive Family	SINAMICS S120 chassis drives
Primary Function	Interfaces the Control Unit with the motor-module power stage
Power Architecture	High-voltage motor control
Voltage Class	500–690 V AC
Current Rating	1270 A motor-module class
Power Section	Motor Module
Mechanical Design	Plug-in CIB assembly
Electrical Interface	DRIVE-CLiQ and firing connectors
Commissioning Check	Check 1270 A gate and feedback paths

- Apply the 1270 A motor stage: Use 6SL3352-6TG41-3AA3 for interfaces the control unit with the 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 control path: Record drive-cable and firing connectors, adjacent assemblies, cable routing, protective earth and configuration data. Preserve the exact 1270 A S120 CIB arrangement during replacement.
- Complete the gate-channel validation: Check 1270 A gate and feedback paths. Review Siemens diagnostics and record the final 1270 A S120 CIB configuration before returning the affected function to service.

Match 6SL3352-6TG41-3AA3 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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