

SINAMICS S120 CHASSIS DRIVES

Product Data Sheet

6SL3353-6TE33-8AA3

S120 control interface board

FUNCTION S120 control interface board	FAMILY SINAMICS S120 chassis drives	ORIGIN Germany	WEIGHT 0.4 kg
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Siemens SINAMICS 6SL3353-6TE33-8AA3 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	Controls firing and feedback for the installed motor-module stage
Power Architecture	Low-voltage CIB electronics
Voltage Class	380–480 V AC
Current Rating	380 A motor-module class
Power Section	Motor Module
Mechanical Design	Plug-in CIB assembly
Electrical Interface	DRIVE-CLiQ, gate and feedback plugs
Commissioning Check	Verify all phase gates and current feedback

- Apply the 380 A motor stage: Use 6SL3353-6TE33-8AA3 to controls firing and feedback for the installed motor-module stage within the documented SINAMICS S120 chassis drives. Confirm the motor module, electrical class and controlled system drawing before work.
- Prepare the phase-gate routing: Record drive-cliq, gate and feedback plugs, adjacent assemblies, cable routing, protective earth and configuration data. Preserve the exact 380 A S120 CIB arrangement during replacement.
- Complete the current-feedback test: Verify all phase gates and current feedback. Review Siemens diagnostics and record the final 380 A S120 CIB result before returning the affected function to service.

Match 6SL3353-6TE33-8AA3 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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