

SINAMICS S120 CHASSIS DRIVES

Product Data Sheet

6SL3353-6TE34-2BA3

Liquid-cooled interface board

FUNCTION	FAMILY	ORIGIN	WEIGHT
Liquid-cooled interface board	SINAMICS S120 chassis drives	Germany	0.42 kg

Siemens SINAMICS 6SL3353-6TE34-2BA3 is a Liquid-cooled 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	Liquid-cooled interface board
Drive Family	SINAMICS S120 chassis drives
Primary Function	Controls a liquid-cooled motor-module power stage
Power Architecture	CIB gate-control electronics
Voltage Class	380–480 V AC
Current Rating	420 A motor-module class
Power Section	Liquid-cooled Motor Module
Mechanical Design	Coated plug-in CIB assembly
Electrical Interface	DRIVE-CLiQ, gate and feedback plugs
Commissioning Check	Check coolant interlocks and gate response

- Apply the 420 A motor stage: Use 6SL3353-6TE34-2BA3 to control a liquid-cooled motor-module power stage within the documented SINAMICS S120 chassis drives. Confirm the liquid-cooled motor module, electrical class and controlled system drawing before work.
- Prepare the cooling interlock path: Record drive-cliq, gate and feedback plugs, adjacent assemblies, cable routing, protective earth and configuration data. Preserve the exact 420 A liquid-cooled CIB arrangement during replacement.
- Complete the coated-board gate test: Check coolant interlocks and gate response. Review Siemens diagnostics and record the final 420 A liquid-cooled CIB result before returning the affected function to service.

Match 6SL3353-6TE34-2BA3 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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AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM