

SINAMICS S120 CHASSIS DRIVES

Product Data Sheet

6SL3355-6TE35-0AA3

Active line interface board

FUNCTION Active line interface board	FAMILY SINAMICS S120 chassis drives	ORIGIN Germany	WEIGHT 1.34 kg
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Siemens SINAMICS 6SL3355-6TE35-0AA3 is a Active line 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	Active line interface board
Drive Family	SINAMICS S120 chassis drives
Primary Function	Controls the documented Active Line Module stage
Power Architecture	Regenerative line-side electronics
Voltage Class	380–480 V AC / 570–720 V DC
Current Rating	490 A input / 549 A DC
Power Section	Active Line Module
Mechanical Design	Liquid-cooled interface assembly
Electrical Interface	DRIVE-CLiQ and power-stage plugs
Commissioning Check	Test precharge, DC-link and regeneration

- Service the 300 kW line stage: Use 6SL3355-6TE35-0AA3 to controls the documented active line module stage in the documented SINAMICS S120 chassis drives. Match 380–480 V AC / 570–720 V DC, 490 A input / 549 A DC and the installed active line module before work.
- Restore the 720 V DC link: Record drive-cliq and power-stage plugs, adjacent hardware, cable routing and grounding before removal. Preserve the exact connector orientation and mechanical arrangement while installing the 300 kW line interface.
- Complete the regeneration test: Test precharge, DC-link and regeneration. Review Siemens drive diagnostics and record the final 300 kW line interface configuration before returning the affected machine function to service.

Match 6SL3355-6TE35-0AA3 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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