

SINAMICS S120 CONTROL SYSTEMS

Product Data Sheet

6SL3055-0AA00-3LA0

SINAMICS terminal interface module

FUNCTION SINAMICS terminal interface module	FAMILY SINAMICS S120 control systems	ORIGIN Germany	WEIGHT 0.8 kg
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Siemens SINAMICS 6SL3055-0AA00-3LA0 is a SINAMICS terminal interface module for the SINAMICS S120 control systems. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Component Class	SINAMICS terminal interface module
Drive Family	SINAMICS S120 control systems
Primary Function	Provides additional wired inputs and outputs for the drive system
Power Architecture	Modular terminal electronics
Voltage Class	24 V DC supply
Current Rating	Signal-level terminal load
Power Section	Drive I/O section
Mechanical Design	DIN-rail terminal module
Electrical Interface	Digital, analog and system terminals
Commissioning Check	Test channel assignment and signal states

- Apply the|drive I/O expansion: Use 6SL3055-0AA00-3LA0 to provides additional wired inputs and outputs for the drive system within the documented SINAMICS S120 control systems. Confirm the drive i/o section, electrical class and controlled drawing before work.
- Prepare the|terminal channel mapping: Record digital, analog and system terminals, adjacent assemblies, cable routing, protective earth and configuration data. Preserve the exact S120 terminal module arrangement during replacement.
- Complete the|signal-state test: Test channel assignment and signal states. Review Siemens diagnostics and record the final S120 terminal module result before returning the affected function to service.

Match 6SL3055-0AA00-3LA0 to the installed SINAMICS S120 control systems, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[Siemens manufacturer documentation](#)

<https://support.industry.siemens.com/>

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