

SINAMICS S120 CONTROL SYSTEMS

Product Data Sheet

6SL3054-0EF00-1BA0-Z

SINAMICS CompactFlash memory card

FUNCTION	FAMILY	ORIGIN	WEIGHT
SINAMICS CompactFlash memory card	SINAMICS S120 control systems	Germany	0.05 kg

Siemens SINAMICS 6SL3054-0EF00-1BA0-Z is a SINAMICS CompactFlash memory card 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 CompactFlash memory card
Drive Family	SINAMICS S120 control systems
Primary Function	Stores firmware, drive parameters and licensed option data
Power Architecture	Removable industrial flash memory
Voltage Class	Control Unit interface class
Current Rating	Project-defined storage use
Power Section	Control Unit memory slot
Mechanical Design	Industrial CompactFlash card
Electrical Interface	CompactFlash socket and option code
Commissioning Check	Back up project and verify option suffix

- Apply the|firmware storage: Use 6SL3054-0EF00-1BA0-Z to stores firmware, drive parameters and licensed option data within the documented SINAMICS S120 control systems. Confirm the control unit memory slot, electrical class and controlled system drawing before work.
- Prepare the|licensed option identity: Record compactflash socket and option code, adjacent assemblies, cable routing, protective earth and configuration data. Preserve the exact S120 CompactFlash card arrangement during replacement.
- Complete the|project restore test: Back up project and verify option suffix. Review Siemens diagnostics and record the final S120 CompactFlash card result before returning the affected function to service.

Match 6SL3054-0EF00-1BA0-Z 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/>