

AMIKON TECHNICAL DOCUMENTATION

Installation Reference

Siemens 6SL3054-0EF00-1BA0-Z SINAMICS CompactFlash memory card
Qualified drive-service personnel and controlled documentation required

DOCUMENTATION REFERENCE

6SL3054-0EF00-1BA0-Z

SINAMICS S120 control systems
SIEMENS

SAFETY AND SCOPE

Use 6SL3054-0EF00-1BA0-Z only in the documented SINAMICS S120 control systems arrangement. Isolate hazardous energy, observe the Siemens discharge time, use ESD controls, and follow the approved site procedure.

01

IDENTITY CHECK BEFORE WORK

Complete identifier	6SL3054-0EF00-1BA0-Z
Product family	SINAMICS S120 control systems
Component class	SINAMICS CompactFlash memory card
Electrical class	Control Unit interface class
Installed section	Control Unit memory slot
Connections	CompactFlash socket and option code

02

BEFORE REMOVAL

- Confirm the exact 6SL3054-0EF00-1BA0-Z article, board revision, section position and controlled drawing.
- Complete the site's lockout, isolation, discharge and absence-of-voltage verification procedure.
- Photograph and label compactflash socket and option code, cable routing, grounding and adjacent assemblies.
- Protect the assembly from electrostatic discharge, contamination, impact and connector damage.

AMIKON PRODUCT SUPPORT

Amikon Limited +86-18020776786 INFO@AMIKON.CN

AMIKONG.COM

03

MODEL-SPECIFIC INSTALLATION WORKFLOW

1

CONFIRM SCOPE

Verify 6SL3054-0EF00-1BA0-Z, the control unit memory slot, revision and controlled drawing before work.

2

ISOLATE

Apply the site safety procedure for Control Unit interface class and prove the drive is safe to handle.

3

DOCUMENT

Record compactflash socket and option code, connector keys, cable labels, grounding and mechanical position.

4

REMOVE

Use ESD protection and the Siemens service procedure; support the SINAMICS CompactFlash memory card and do not force plugs.

5

COMPARE

Match the replacement article, Project-defined storage use, interfaces and mechanical design.

6

INSTALL

Seat the assembly evenly, restore documented connections, shields, earth paths and cooling provisions.

7

COMMISSION

Back up project and verify option suffix. Review diagnostics before releasing the affected drive function.

OFFICIAL DOCUMENT APPLICABILITY

No directly applicable Siemens installation PDF was available for 6SL3054-0EF00-1BA0-Z. Use the controlled project documentation and obtain Siemens confirmation for any unresolved hardware or firmware condition.

04

PRE-ENERGIZATION AND HANDOVER CHECKLIST

Identifier	Exact 6SL3054-0EF00-1BA0-Z article and product-family identity match the approved replacement record
Mechanical	Industrial CompactFlash card is correctly seated, retained and free from transport damage
Connections	CompactFlash socket and option code and protective-earth paths match the removal record
Electrical	Control Unit interface class and Project-defined storage use agree with the installed drive section
Configuration	Required parameters, firmware conditions and controlled project settings are approved
Commissioning	Back up project and verify option suffix
Records	Photos, article number, revision, diagnostics and test results are retained in the maintenance record

05

OFFICIAL REFERENCE AND LIMITATIONS

SIEMENS MANUFACTURER REFERENCE

Siemens product-family documentation and controlled site records

Use only where the official family, installed section and exact 6SL3054-0EF00-1BA0-Z configuration agree. Terminal functions, firmware compatibility, torque values and final acceptance criteria must come from the applicable Siemens manual or controlled project documentation.

DO NOT INFER MISSING SPECIFICATIONS

Do not infer undocumented connector functions, electrical ratings, parameter compatibility, cooling requirements or commissioning limits from appearance or a partial article number.

AMIKON PRODUCT SUPPORT

Amikon Limited +86-18020776786 INFO@AMIKON.CN AMIKONG.COM