

AMIKON TECHNICAL DOCUMENTATION

Installation Reference

Siemens A5E00755411 PSBC2 power board

Qualified drive-service personnel and controlled documentation required

DOCUMENTATION REFERENCE

A5E00755411

SINAMICS converter electronics
SIEMENS

SAFETY AND SCOPE

Use A5E00755411 only in the documented SINAMICS converter electronics 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	A5E00755411
Product family	SINAMICS converter electronics
Component class	PSBC2 power board
Electrical class	320–1244 V DC input
Installed section	Auxiliary supply section
Connections	24 V control and output connectors

02

BEFORE REMOVAL

- Confirm the exact A5E00755411 article, board revision, section position and controlled drawing.
- Complete the site's lockout, isolation, discharge and absence-of-voltage verification procedure.
- Photograph and label 24 v control and output connectors, cable routing, grounding and adjacent assemblies.
- Protect the assembly from electrostatic discharge, contamination, impact and connector damage.

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03

MODEL-SPECIFIC INSTALLATION WORKFLOW

1

CONFIRM SCOPE

Verify A5E00755411, the auxiliary supply section, revision and controlled drawing before work.

2

ISOLATE

Apply the site safety procedure for 320–1244 V DC input and prove the drive is safe to handle.

3

DOCUMENT

Record 24 v control and output connectors, connector keys, cable labels, grounding and mechanical position.

4

REMOVE

Use ESD protection and the Siemens service procedure; support the PSBC2 power board and do not force plugs.

5

COMPARE

Match the replacement article, 0.2–0.7 A input, interfaces and mechanical design.

6

INSTALL

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

7

COMMISSION

Check regulated rails and ripple before service. Review diagnostics before releasing the affected drive function.

OFFICIAL DOCUMENT APPLICABILITY

Siemens manufacturer documentation; selected PDF pages 15, 21, 124 supports the family-level safety, connection and commissioning checks used here. Confirm that its documented hardware arrangement applies to the installed A5E00755411 before work.

04

PRE-ENERGIZATION AND HANDOVER CHECKLIST

Identifier	Exact A5E00755411 article and product-family identity match the approved replacement record
Mechanical	Compact PSBC2 board is correctly seated, retained and free from transport damage
Connections	24 V control and output connectors and protective-earth paths match the removal record
Electrical	320–1244 V DC input and 0.2–0.7 A input agree with the installed drive section
Configuration	Required parameters, firmware conditions and controlled project settings are approved
Commissioning	Check regulated rails and ripple before service
Records	Photos, article number, revision, diagnostics and test results are retained in the maintenance record

05

OFFICIAL REFERENCE AND LIMITATIONS

SIEMENS MANUFACTURER REFERENCE

Siemens manufacturer documentation; selected PDF pages 15, 21, 124

Use only where the official family, installed section and exact A5E00755411 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.

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