

AMIKON TECHNICAL DOCUMENTATION

Installation Reference

Siemens 6RY1243-0EA00 Gate power board

Qualified drive-service personnel and controlled documentation required

DOCUMENTATION REFERENCE

6RY1243-0EA00

SIMOREG 6RA24

SIEMENS

SAFETY AND SCOPE

Use 6RY1243-0EA00 only in the documented SIMOREG 6RA24 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	6RY1243-0EA00
Product family	SIMOREG 6RA24
Component class	Gate power board
Electrical class	Installed 6RA24 converter class
Installed section	Gating and supply section
Connections	C98043-A1603-L11 board assembly

02

BEFORE REMOVAL

- Confirm the exact 6RY1243-0EA00 article, board revision, section position and controlled drawing.
- Complete the site's lockout, isolation, discharge and absence-of-voltage verification procedure.
- Photograph and label c98043-a1603-l11 board assembly, 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 6RY1243-0EA00, the gating and supply section, revision and controlled drawing before work.

2

ISOLATE

Apply the site safety procedure for Installed 6RA24 converter class and prove the drive is safe to handle.

3

DOCUMENT

Record c98043-a1603-l11 board assembly, connector keys, cable labels, grounding and mechanical position.

4

REMOVE

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

5

COMPARE

Match the replacement article, Converter-defined armature current, interfaces and mechanical design.

6

INSTALL

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

7

COMMISSION

Verify pulse sequence and protective circuits. Review diagnostics before releasing the affected drive function.

OFFICIAL DOCUMENT APPLICABILITY

Siemens manufacturer documentation; selected PDF pages 1, 45, 46 supports the family-level safety, connection and commissioning checks used here. Confirm that its documented hardware arrangement applies to the installed 6RY1243-0EA00 before work.

04

PRE-ENERGIZATION AND HANDOVER CHECKLIST

Identifier	Exact 6RY1243-0EA00 article and product-family identity match the approved replacement record
Mechanical	Plug-in gate board is correctly seated, retained and free from transport damage
Connections	C98043-A1603-L11 board assembly and protective-earth paths match the removal record
Electrical	Installed 6RA24 converter class and Converter-defined armature current agree with the installed drive section
Configuration	Required parameters, firmware conditions and controlled project settings are approved
Commissioning	Verify pulse sequence and protective circuits
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 1, 45, 46

Use only where the official family, installed section and exact 6RY1243-0EA00 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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