

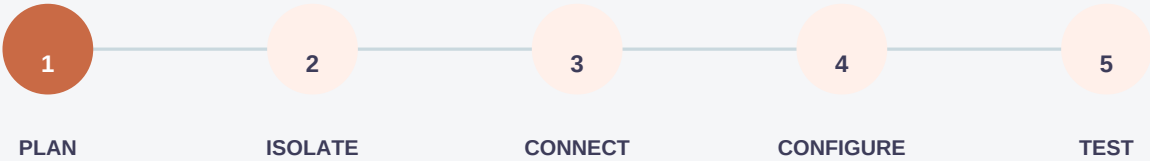
6RY1803-0AA05-0AA1

Control Electronics Advanced Module

CONTROLLED ENGINEERING COPY

Siemens 6RY1803-0AA05-0AA1 is an Advanced control-electronics spare part supplied with terminals and 32 MB memory. It carries board reference C98043-A7100-L4 for the documented converter installation.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	6RY1803-0AA05-0AA1
Manufacturer	Siemens
System family	SINAMICS DCM / SIMOREG control electronics
Record scope	Installation, application and verification



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01 PRE-INSTALLATION PLAN

1

Confirm the complete 6RY1803-0AA05-0AA1 marking, Control Electronics Advanced Module designation and the recorded installation position.

2

Place the drive, motor and connected process in the approved maintenance state.

3

Isolate incoming and auxiliary power, prove stored DC-link energy discharged and use ESD controls.

4

Record every power, signal, feedback, communication, shielding and protective-earth connection before removal.

5

Verify the installed host and all official values documented for 6RY1803-0AA05-0AA1; do not infer adjacent executions.

MATCHED HARDWARE

- 6RY1803-0AA05-0AA1 with complete article identity
- documented converter control-electronics position
- Documented power, signal and feedback interfaces
- Approved configuration and acceptance record

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	6RY1803-0AA05-0AA1 recorded
Physical interface	Installed power, signal, feedback and communication interfaces matched to the as-found record
Configuration	Approved hardware, firmware and parameter or project configuration restored
Functional proof	Controlled test confirms advanced converter control electronics

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Product designation	Control Electronics Advanced
Supply scope	Control electronics including terminals
Memory	32 MB
Board reference	C98043-A7100-L4
Product status	Active product

RELATED PRODUCT PAGES

1Siemens 6SL3120-2TE21-0AA4

2Siemens 6SL3320-1TE33-1AA3

3Siemens 6SL3362-0AG00-0AA1

4Siemens 6SL3352-1AE37-5BA1

5Siemens 6SL3200-0SP01-0AA0

6Siemens 6ES7314-6BH04-0AB0

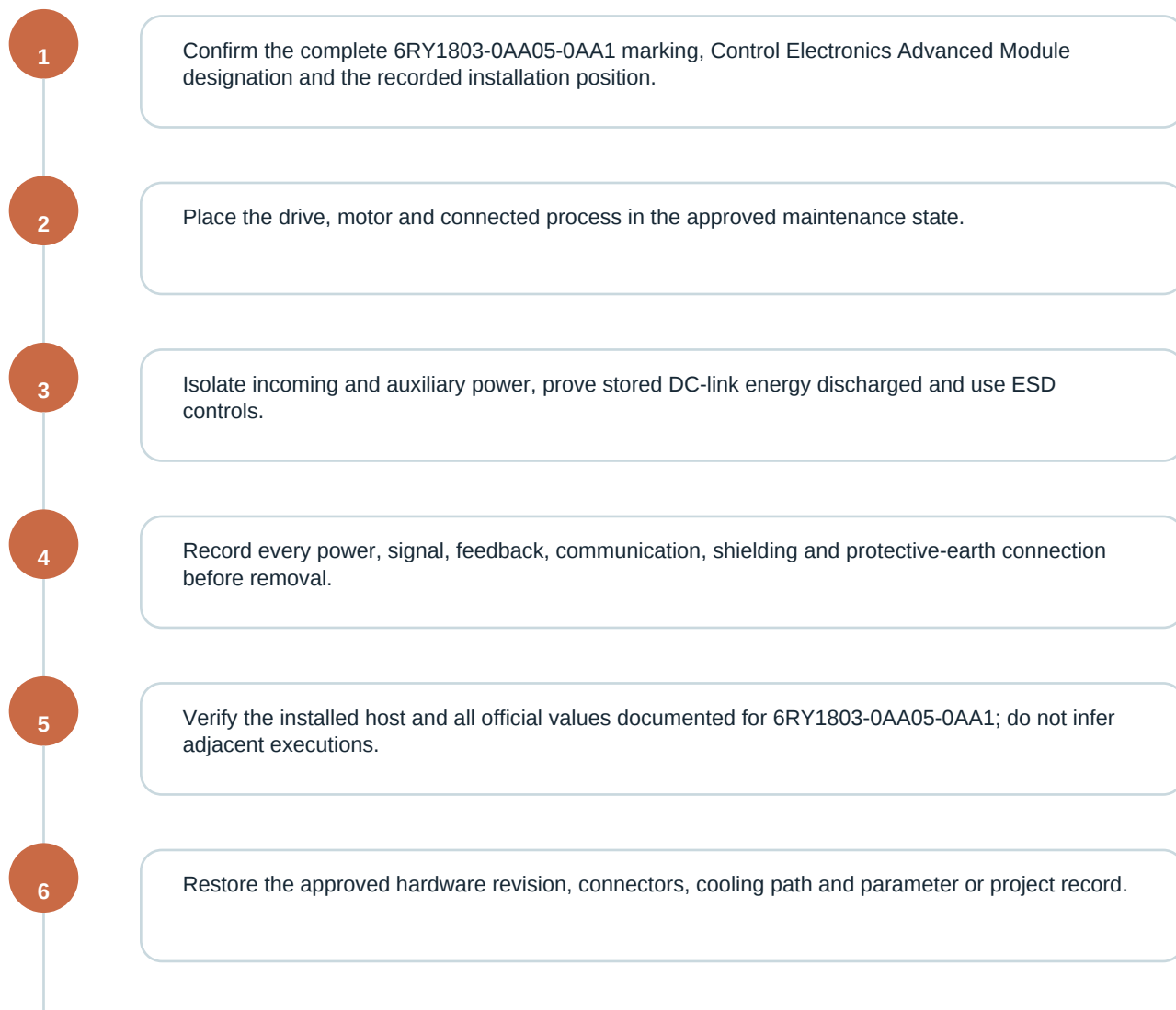
7Siemens 6ES7223-1BL22-0XA0

8Siemens 6AU1455-2AD00-0AA0

FIELD NOTE

Confirm 6RY1803-0AA05-0AA1, the complete SINAMICS DCM / SIMOREG control electronics host, hardware revision, installed position, terminals, connectors, stored-energy state, protective earth, shielding, cooling, firmware or parameter record, diagnostics and controlled acceptance evidence before release.

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	6RY1803-0AA05-0AA1
Physical interface	Installed power, signal, feedback and communication interfaces matched to the as-found record
Configuration	Approved hardware, firmware and parameter or project configuration restored
Functional proof	Controlled test confirms advanced converter control electronics

04 RETURN-TO-SERVICE RECORD

- ☐ Verify the installed host and all official values documented for 6RY1803-0AA05-0AA1; do not infer adjacent executions.
- ☐ Restore the approved hardware revision, connectors, cooling path and parameter or project record.
- ☐ Energize in the manufacturer sequence and review drive, module and communication diagnostics.
- ☐ Complete controlled interlock, feedback and safe-point functional tests before service release.

VERIFICATION RECORD

PRODUCT IDENTITY	6RY1803-0AA05-0AA1
INSTALLED POSITION	documented converter control-electronics position
VERIFICATION METHOD	Controlled inspection and functional test
RELEASE RECORD	Final diagnostic state retained before service

FUNCTIONAL ACCEPTANCE CHECKLIST

- ☐ Verify the installed host and all official values documented for 6RY1803-0AA05-0AA1; do not infer adjacent executions.
- ☐ Restore the approved hardware revision, connectors, cooling path and parameter or project record.
- ☐ Energize in the manufacturer sequence and review drive, module and communication diagnostics.
- ☐ Complete controlled interlock, feedback and safe-point functional tests before service release.

SOURCE IDENTIFIERS

Siemens SiePortal product record for 6RY1803-0AA05-0AA1 | Siemens official product and family documentation, accessed 24 September 2026