

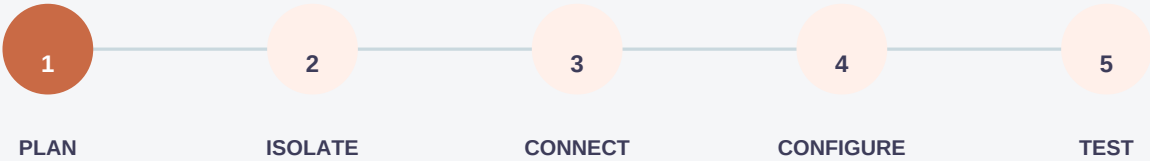
6SY7000-0AB40

TRANSTRONIC ES1000C Current Transformer

CONTROLLED ENGINEERING COPY

Siemens 6SY7000-0AB40 is a TRANSTRONIC ES1000C current-transformer spare part. Its documented ratio is 5000:1/0.2:1000 A.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	6SY7000-0AB40
Manufacturer	Siemens
System family	TRANSTRONIC / Siemens drive service system
Record scope	Installation, application and verification



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01 PRE-INSTALLATION PLAN

1

Confirm the complete 6SY7000-0AB40 marking, TRANSTRONIC ES1000C Current Transformer 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 6SY7000-0AB40; do not infer adjacent executions.

MATCHED HARDWARE

- 6SY7000-0AB40 with complete article identity
- matched TRANSTRONIC ES1000C current path
- Documented power, signal and feedback interfaces
- Approved configuration and acceptance record

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	6SY7000-0AB40 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 current transformation for the documented drive arrangement

02 WIRING & INTERFACE CHECKS

CHECK ITEM	REQUIRED VALUE
Component	Current transformer
System	TRANSTRONIC ES1000C
Documented ratio	5000:1/0.2:1000 A
Lifecycle	Discontinued product
Migration path	LV SINAMICS product family

RELATED PRODUCT PAGES

1 Siemens 6SL3210-1PE21-1AL0

2 Siemens 6SL3210-1PE21-8AL0

3 Siemens 6SL3246-0BA22-1FA0

4 Siemens 6SL3055-0AA00-5CA2

5 Siemens 6SL3120-1TE21-8AA4

6 Siemens 6SL3246-0BA22-1PA0-V-4-7

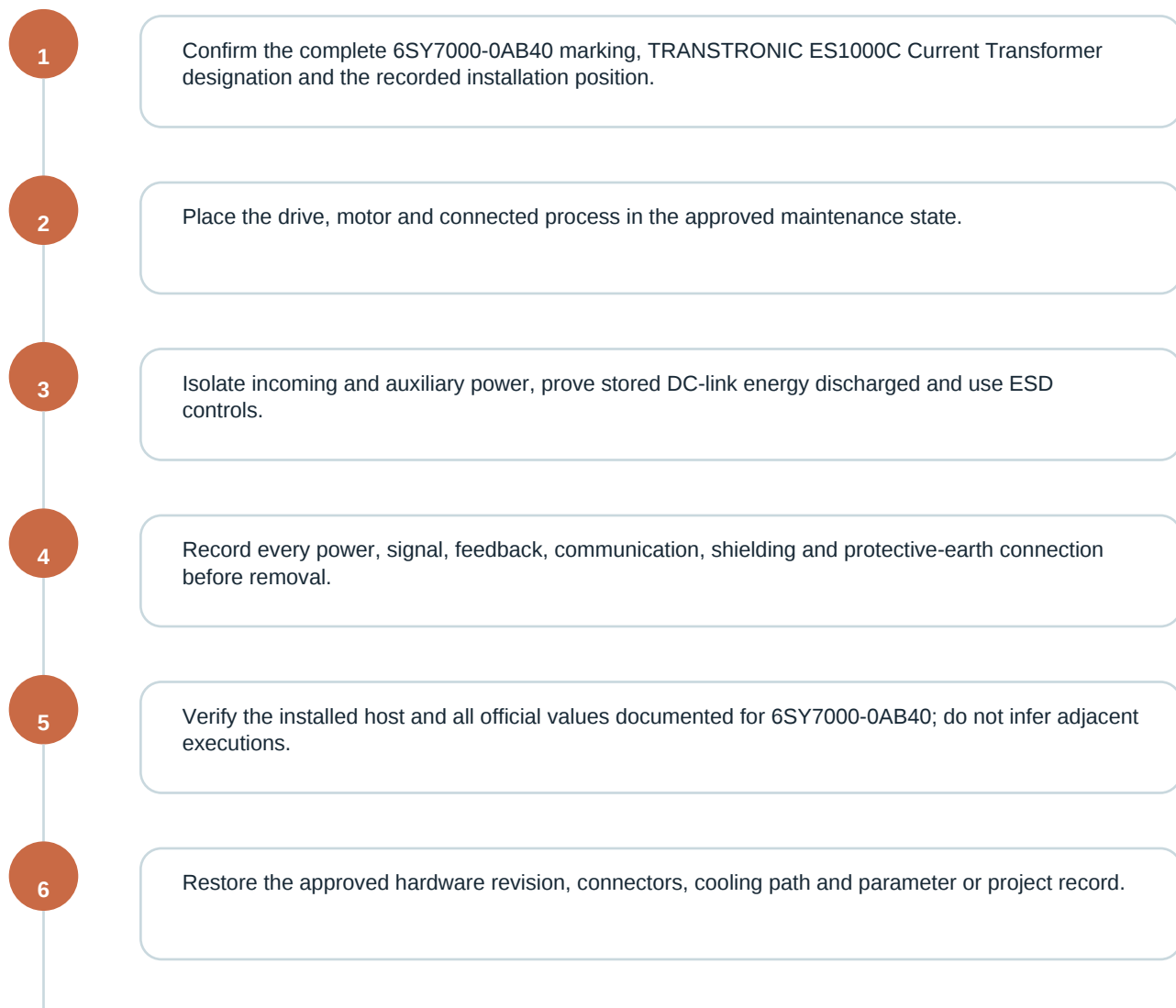
7 Siemens C98043-A7005-L1-6RY1704-0AA00

8 Siemens A5F00133580-014-C98043-A7100

FIELD NOTE

Confirm 6SY7000-0AB40, the complete TRANSTRONIC / Siemens drive service system 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	6SY7000-0AB40
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 current transformation for the documented drive arrangement

04 RETURN-TO-SERVICE RECORD

- ☐
- Verify the installed host and all official values documented for 6SY7000-0AB40; 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	6SY7000-0AB40
INSTALLED POSITION	matched TRANSTRONIC ES1000C current path
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 6SY7000-0AB40; 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 6SY7000-0AB40 | Siemens official product and family documentation, accessed 24 September 2026