

INDUSTRIAL AUTOMATION PRODUCT

6SY7000-0AB40

TRANSTRONIC ES1000C Current Transformer

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

CONTROLLED ENGINEERING COPY

IDENTITY	VERIFIED VALUE
Manufacturer	Siemens
System family	TRANSTRONIC / Siemens drive service system
Part number	6SY7000-0AB40
Document status	Controlled product and system reference

DOCUMENT SCOPE

Exact article identity, official technical data, host matching, installation checks, applications, precautions and controlled acceptance evidence.

MODEL-SPECIFIC ENGINEERING NOTE

Install 6SY7000-0AB40 only in the documented matched TRANSTRONIC ES1000C current path. Preserve the as-found wiring, hardware revision and configuration; then review diagnostics and verify the affected current transformation for the documented drive arrangement under controlled conditions.

System Role and Architecture

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

FUNCTION 1
Exact article identity 6SY7000-0AB40

FUNCTION 2
TRANSTRONIC ES1000C Current Transformer

FUNCTION 3
Documented role: current transformation for the documented drive arrangement

FUNCTION 4
Controlled installation, diagnostics and functional verification

RELATED APTER POWER PAGES

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

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

3 Siemens A5F00133580-014-C98043-A7100

4 Siemens 6SL3210-1PE21-1AL0

5 Siemens 6SL3210-1PE21-8AL0

6 Siemens 6SL3246-0BA22-1FA0

7 Siemens 6SL3055-0AA00-5CA2

8 Siemens 6SL3120-1TE21-8AA4

MATCHED SYSTEM COMPONENTS

NO.	DOCUMENTED COMPONENT / ROLE
01	TRANSTRONIC / Siemens drive service system
02	matched TRANSTRONIC ES1000C current path
03	Documented connectors, terminals and protective-earth path
04	Approved firmware, parameter or project record

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Host identity	TRANSTRONIC / Siemens drive service system
Interface role	current transformation for the documented drive arrangement
Field / power context	matched TRANSTRONIC ES1000C current path
Commissioning evidence	Identity, interfaces, configuration, diagnostics and controlled functional response recorded

INSTALLATION AND CONNECTION CHECKS

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.

Technical Specifications

Technical values below are limited to the named product record and directly applicable manufacturer documentation.

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

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ENGINEERING BOUNDARY

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.

PRE-INSTALLATION CHECKS

- 1

Confirm the complete 6SY7000-0AB40 marking, TRANSTRONIC ES1000C Current Transformer designation and the recorded
- 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.

Applications and Engineering Context

TRANSTRONIC / Siemens drive service system planned maintenance

Restores the documented current transformation for the documented drive arrangement during controlled cabinet service.

TRANSTRONIC ES1000C Current Transformer replacement

Uses the exact 6SY7000-0AB40 identity instead of a nearby electrical or firmware execution.

Drive-system refurbishment

Preserves the recorded hardware, connections, protective earth, cooling and configuration.

Controlled recommissioning

Confirms diagnostics and the affected drive role before automatic operation.

TECHNICAL NOTE

Install 6SY7000-0AB40 only in the documented matched TRANSTRONIC ES1000C current path. Preserve the as-found wiring, hardware revision and configuration; then review diagnostics and verify the affected current transformation for the documented drive arrangement under controlled conditions.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	6SY7000-0AB40 recorded
Host / carrier	TRANSTRONIC / Siemens drive service system
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

IMPORTANT NOTICE

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

Related Products and Source Record

Brand-qualified Apter Power navigation links are provided for system planning only; manufacturer evidence remains the named source record.

RELATED PRODUCTS ON APTER POWER

1

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

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

2

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

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Siemens 6SL3210-1PE21-8AL0

View Siemens 6SL3210-1PE21-8AL0 page

6

Siemens 6SL3246-0BA22-1FA0

View Siemens 6SL3246-0BA22-1FA0 page

7

Siemens 6SL3055-0AA00-5CA2

View Siemens 6SL3055-0AA00-5CA2 page

8

Siemens 6SL3120-1TE21-8AA4

View Siemens 6SL3120-1TE21-8AA4 page

MANUFACTURER SOURCE RECORD

Siemens SiePortal product record for 6SY7000-0AB40 | Siemens official product and family documentation, accessed 24 September 2026

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RECOMMENDATION SCOPE

These links support product navigation and comparison. Technical values in this document are sourced only from the manufacturer record above.