

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.

PRODUCT SNAPSHOT

BRAND
Siemens

FAMILY
TRANSTRONIC / Siemens drive

PART
6SY7000-0AB40

DOCUMENT STATUS
Controlled engineering copy

APTER POWER

WHATSAPP / PHONE

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WEBSITE

www.apterpower.com



PRODUCT OVERVIEW

6SY7000-0AB40 provides current transformation for the documented drive arrangement for the matched TRANSTRONIC / Siemens drive service system installation.

 Exact article identity 6SY7000-0AB40

 TRANSTRONIC ES1000C Current Transformer

 Documented role: current transformation for the documented drive arrangement

 Controlled installation, diagnostics and functional verification

RELATED APTER POWER PAGES

 Siemens 6SL3055-0AA00-5CA2

 Siemens 6SL3120-1TE21-8AA4

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

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

 Siemens A5F00133580-014-C98043-A7100

 Siemens 6SL3210-1PE21-1AL0

 Siemens 6SL3210-1PE21-8AL0

 Siemens 6SL3246-0BA22-1FA0

SYSTEM COMPONENTS

DOCUMENTED COMPONENT	ROLE IN SYSTEM
Proximity probe	Matched extension cable
Proximitor Sensor	AISI 4140 target

ENGINEERING CONTEXT

The component remains matched to the matched TRANSTRONIC ES1000C current path, its connectors and the recorded configuration. Commissioning preserves the installed architecture and verifies controlled drive response.

TECHNICAL DATA

PARAMETER	VALUE
Component	Current transformer
System	TRANSTRONIC ES1000C
Documented ratio	5000:1/0.2:1000 A

PARAMETER	VALUE
Lifecycle	Discontinued product
Migration path	LV SINAMICS product family

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7 Siemens 6SL3210-1PE21-8AL0

8 Siemens 6SL3246-0BA22-1FA0

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.

APPLICATIONS & PRECAUTIONS

COMMON APPLICATIONS

TRANSTRONIC / Siemens drive service system planned maintenance

Restores the documented current transformation for the documented drive arrangement during controlled

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.

PRODUCT PRECAUTIONS

1

Confirm the complete 6SY7000-0AB40 marking, TRANSTRONIC ES1000C Current Transformer

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

5

Verify the installed host and all official values documented for 6SY7000-0AB40; do not infer adjacent

6

Restore the approved hardware revision, connectors, cooling path and parameter or project record.

7

Energize in the manufacturer sequence and review drive, module and communication diagnostics.

8

Complete controlled interlock, feedback and safe-point functional tests before service release.

RELATED APTER POWER PAGES

1

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ENGINEER FAQ

Q1 How is the exact 6SY7000-0AB40 execution identified?

Match the complete 6SY7000-0AB40 article number, TRANSTRONIC ES1000C Current Transformer designation and the recorded host position before replacement.

Q2 What documented function does 6SY7000-0AB40 perform?

It provides current transformation for the documented drive arrangement within the TRANSTRONIC / Siemens drive service system arrangement.

Q3 Which installed hardware must be matched before fitting 6SY7000-0AB40?

Use only the matched TRANSTRONIC ES1000C current path with matching terminals, connectors, hardware revision and system record.

Q4 Which official values govern 6SY7000-0AB40?

Component: Current transformer; System: TRANSTRONIC ES1000C; Documented ratio: 5000:1/0.2:1000 A; Lifecycle: Discontinued product.

Q5 What must be recorded before removing 6SY7000-0AB40?

Record the nameplate, board position, every power and signal connection, shielding, protective earth, firmware or parameter state and active diagnostics.

Q6 Which handling controls apply to 6SY7000-0AB40?

Place the drive and machine in the approved maintenance state, isolate all supplies, prove stored energy discharged and use ESD controls.

Q7 How is 6SY7000-0AB40 verified after installation?

Restore the documented hardware and configuration, review diagnostics and complete a controlled safe-point functional test of the affected drive role.

Q8 Which manufacturer record supports the 6SY7000-0AB40 page?

The Siemens SiePortal product record for 6SY7000-0AB40 and directly applicable Siemens family manual support the stated identity, function and commissioning boundaries.

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

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