

Product dashboard

Siemens 6EC1001-0A is a SIMATIC C1 flat assembly containing eleven two-input AND logic elements for hardwired logic functions.

Exact model

6EC1001-0A

Product type

SIMATIC C1 AND Logic Board

System family

SIMATIC C1

Functional role

Logic Board

PARAMETER	DOCUMENTED VALUE
Exact article	6EC1001-0A
Product family	SIMATIC C1
Assembly form	Flat assembly
Logic function	AND
Logic elements	11
Inputs per element	2
Catalogue reference	E53252-T32-S2
No-load current consumption	30 mA

Release basis: verify the exact identity, retained host relationship, connected interfaces and controlled functional result.

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6EC1001-0A

System overview

Siemens 6EC1001-0A concentrates eleven dual-input AND elements on one SIMATIC C1 flat assembly with the catalogue identity E53252-T32-S2.

- Hardwired interlocking**

Implements retained two-input AND conditions inside the SIMATIC C1 logic arrangement.
- Sequence control**

Combines paired permissive signals where the original board assignment requires an AND decision.
- Legacy logic maintenance**

Restores the exact flat-assembly identity and edge-connector orientation during cabinet service.
- Logic-path verification**

Allows each of the eleven AND elements to be checked against the retained circuit record.

SYSTEM POSITION	RECORD
Installed identity	6EC1001-0A
Host relationship	SIMATIC C1
Controlled function	hardwired two-input AND logic inside a SIMATIC C1 assembly

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Technical data map

PARAMETER	VERIFIED VALUE
Exact article	6EC1001-0A
Product family	SIMATIC C1
Assembly form	Flat assembly
Logic function	AND
Logic elements	11
Inputs per element	2
Catalogue reference	E53252-T32-S2
No-load current consumption	30 mA
Net weight	0.1 kg

CONTROL BAND	VERIFICATION RECORD
Identity	Exact model and complete label
Mechanical	Form, seating and retention
Interfaces	Power, wiring, communication and protection
Configuration	Settings, project and revision
Release	hardwired two-input AND logic inside a SIMATIC C1 assembly

Technical evidence record: Siemens ST11 Catalogue 1981, printed pages 9/2 and 9/3

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6EC1001-0A

Applications and precautions

- 1

Confirm the complete Siemens 6EC1001-0A marking before work.
- 2

Place every dependent hardwired function in the approved maintenance state.
- 3

Photograph the board position, connector orientation and surrounding assemblies.
- 4

Record the input and output assignment for all eleven AND elements.
- 5

Match the E53252-T32-S2 catalogue identity before installation.
- 6

Restore the edge connection without shifting or borrowing adjacent wiring.
- 7

Review the cabinet supply and every dependent indication after energization.
- 8

Functionally prove all eleven two-input AND paths before release.

Complete each check against the installed record; hold release when any identity, connection, configuration or diagnostic result differs.

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Buyer and engineering FAQ

What logic function does Siemens 6EC1001-0A provide?

It provides eleven hardwired AND logic elements on one SIMATIC C1 flat assembly.

How many inputs does each Siemens 6EC1001-0A logic element use?

Each of the eleven AND elements uses two inputs.

Which product family contains Siemens 6EC1001-0A?

The board belongs to the Siemens SIMATIC C1 assembly family.

Which catalogue reference identifies Siemens 6EC1001-0A?

The catalogue reference is E53252-T32-S2.

Related Apter Power pages

[Siemens 6DP1230-8CC](#)

[Siemens 6DP1210-8BC](#)

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