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01 Readiness and operating boundary

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

Confirm exact identity

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

Exact article	6EC1001-0A
Product family	SIMATIC C1
Assembly form	Flat assembly

Establish the safe work boundary

Place every dependent hardwired function in the approved maintenance state.

Identity	6EC1001-0A
Host	SIMATIC C1
Acceptance	Diagnostics and functional response

PAGE TRACE	REQUIRED ENTRY
Inspector	_____
Result	Pass / hold / corrective action
Record	Date, diagnostic state and release reference

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6EC1001-0A

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02 Configuration and interface setup

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

Record the as-found configuration

Photograph the board position, connector orientation and surrounding assemblies.

Product family	SIMATIC C1
Assembly form	Flat assembly
Logic function	AND

Map connections and settings

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

Identity	6EC1001-0A
Host	SIMATIC C1
Acceptance	Diagnostics and functional response

PAGE TRACE	REQUIRED ENTRY
Inspector	_____
Result	Pass / hold / corrective action
Record	Date, diagnostic state and release reference

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3 03 Installation and service sequence

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

Restore the documented assembly

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

Assembly form	Flat assembly
Logic function	AND
Logic elements	11

Protect every interface

Restore the edge connection without shifting or borrowing adjacent wiring.

Identity	6EC1001-0A
Host	SIMATIC C1
Acceptance	Diagnostics and functional response

PAGE TRACE	REQUIRED ENTRY
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4 04 Verification and fault isolation

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

Verify the installed function

Review the cabinet supply and every dependent indication after energization.

Logic function	AND
Logic elements	11
Inputs per element	2

Isolate unexpected response

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

Identity	6EC1001-0A
Host	SIMATIC C1
Acceptance	Diagnostics and functional response

PAGE TRACE	REQUIRED ENTRY
Inspector	_____
Result	Pass / hold / corrective action
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5 05 Acceptance and service handover

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

Complete the release record

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

Exact article	6EC1001-0A
Product family	SIMATIC C1
Assembly form	Flat assembly

Retain acceptance evidence

Place every dependent hardwired function in the approved maintenance state.

Identity	6EC1001-0A
Host	SIMATIC C1
Acceptance	Diagnostics and functional response

Siemens 6DD1683-0BC0

Siemens 6DD1607-0EA1

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