

Siemens 6EC1001-0A

Eleven-Channel Dual-Input AND Gate Module

Product scope

- Implements eleven independent two-input AND functions.
- Draws the documented 30 mA module current.
- Supports hardwired logic and interlock processing.
- Requires preservation of the original signal assignment.

Manufacturer source

Siemens ST 11 manufacturer catalog, 6EC1001-0A ordering table.

This English product record summarizes manufacturer-verified function, operating principle, application and exact-model matching requirements.

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Eleven-Channel Dual-Input AND Gate Module

Manufacturer-source product record

This record consolidates exact-model facts from the manufacturer references listed below. It is included to identify the ordering configuration before the retained source pages.

Logic functions	11 AND gates
Inputs per gate	2
No-load current consumption	30 mA
Net weight	0.10 kg
Schematic identification	E53252-T32-S2
Assembly form	Flat assembly
Logic behavior	Output active only when both assigned inputs are active

Official references

- Siemens ST 11 manufacturer catalog, 6EC1001-0A ordering table.

Only the exact configuration shown above is represented. Adjacent model variants, optional assemblies and system accessories are not treated as part of this ordering identity.

Function, operating principle and application

The notes below explain how this product is used and how its documented signal, power or control path operates. They remain limited to the manufacturer evidence for this model.

Function

The module implements eleven independent two-input AND logic functions for hardwired control and interlocking circuits.

Operating principle

Each output assumes its active state only when both assigned inputs meet the module's logic condition.

Application

It supports compact combinational-logic duties in legacy Siemens automation and process-control equipment.

Replacement boundary

Record input/output assignments, signal levels, rack location and board revision before exchanging the module.



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