

Siemens 6AV3627-1QL00-0AX0

Touch Panel / Identity and product role

Siemens 6AV3627-1QL00-0AX0 is a TP27-10 touch panel with a 10.3-inch STN color display and 1 MB flash EPROM.

Product designation	TP27-10 touch panel
Order number	6AV3627-1QL00-0AX0
Display diagonal	10.3 inch
Display technology	STN color LC display
Configuration memory	1 MB flash EPROM
Lifecycle	End of product lifecycle
Successor shown by Siemens	6AV3627-1QL01-0AX0

MODEL-SPECIFIC POINT

TP27-10 operator panel

MODEL-SPECIFIC POINT

10.3-inch STN color display

MODEL-SPECIFIC POINT

Touch-based operation

MODEL-SPECIFIC POINT

1 MB flash EPROM

Important Notice: Verify the complete 6AV3627-1QL00-0AX0 marking, installed project, interfaces and supply before powering a replacement panel.

IDENTITY CONTROL

Match the complete order number and manufacturer record before any service or selection decision.

PARAMETER CONTROL

Compare every published channel, signal, electrical and mechanical characteristic for this exact suffix.

CONFIGURATION CONTROL

Retain the rack position, address, wiring record and installed-system project evidence.

RELEASE CONTROL

Return the equipment to service only after diagnostics and the intended field function are witnessed.

Siemens 6AV3627-1QL00-0AX0

Touch Panel / System integration and applications

The panel provides operator visualization for its configured automation project. Replacement work preserves the project backup, interface wiring, supply arrangement and panel cutout before commissioning.

Machine visualization

Displays configured process values, messages and operator screens.

Operator command station

Provides touch interaction for approved machine commands and setpoints.

Legacy HMI replacement

Restores a TP27-10 position while retaining the original project and interfaces.

Alarm and status review

Presents configured operating states and alarms to plant personnel.

Additional manufacturer data

Display technology	STN color LC display
Configuration memory	1 MB flash EPROM
Lifecycle	End of product lifecycle
Successor shown by Siemens	6AV3627-1QL01-0AX0

VERIFIED RELATED SIEMENS PRODUCTS

Catalog references only; no compatibility, replacement or substitution is implied.

01 Siemens 6ES5931-8MD11

02 Siemens 6ES5183-3UA13

ENGINEERING BOUNDARY

Applications describe the installed-system role; they do not prove interchangeability with another suffix.

SELECTION EVIDENCE

Use the exact Siemens record together with the installed drawing, project backup and field wiring schedule.

Siemens 6AV3627-1QL00-0AX0

Touch Panel / Installation and commissioning workflow

01 / CONTROLLED STEP

Confirm the complete Siemens 6AV3627-1QL00-0AX0 marking and installed-system record before work.

02 / CONTROLLED STEP

Place the connected process or machine in its approved maintenance state.

03 / CONTROLLED STEP

Isolate and verify every applicable power, signal and field circuit before disconnection.

04 / CONTROLLED STEP

Record the slot, terminal, address, cable, connector and companion-hardware identities that apply.

05 / CONTROLLED STEP

Use grounded ESD controls and protect keyed interfaces, terminals and circuit boards from damage.

06 / CONTROLLED STEP

Retain the documented voltage, signal type, isolation, grounding and cable-routing arrangement.

Release gate

Restore power in the approved sequence and review all relevant diagnostics. Prove the intended field, interface or operator response and retain the acceptance record.

Configuration data to retain

Exact identity	6AV3627-1QL00-0AX0
Installed function	Touch Panel
System position	Record rack, slot and project address before removal
Field interface	Record terminal, conductor, signal mode and reference arrangement
Acceptance evidence	Retain diagnostics and the witnessed functional result

PRE-ENERGIZATION CHECK

Confirm identity, seating, wiring, signal references and every applicable protective device.

FUNCTIONAL ACCEPTANCE

Review diagnostics, prove the intended response and record the witnessed result before release.

VERIFIED SIEMENS CATALOG REFERENCES

Catalog references only; no compatibility, replacement or substitution is implied.

01 Siemens 6AV6545-0CA10-0AX0

02 Siemens 6AV6640-0BA11-0AX0

Siemens 6AV3627-1QL00-0AX0

Touch Panel / Model-specific decisions

What identifies Siemens 6AV3627-1QL00-0AX0?

6AV3627-1QL00-0AX0 is the exact Siemens touch panel described in the manufacturer product record.

What must be recorded before removing Siemens 6AV3627-1QL00-0AX0?

Record the complete order number, installed position, wiring or interface assignments and the controlled project reference before removal.

How should Siemens 6AV3627-1QL00-0AX0 be installed?

Use the documented SIMATIC position, approved cabinet practices and the installation record for the exact unit; isolate all applicable energy before work.

Can Siemens 6AV3627-1QL00-0AX0 be replaced by a similar model automatically?

No. Verify the full order number and every published electrical, mechanical and project-dependent characteristic before any substitution.

Which function is documented for Siemens 6AV3627-1QL00-0AX0?

It is a TP27-10 touch panel with a 10.3-inch STN color display and 1 MB flash EPROM.

Why is the complete 6AV3627-1QL00-0AX0 suffix important?

Nearby family members can differ in channel arrangement, signal level, mechanics or system role; compare the full order number rather than the family prefix.

Which commissioning check applies to Siemens 6AV3627-1QL00-0AX0?

Restore the recorded configuration, then prove the intended signal, interface or operator function under controlled conditions before release.

What service evidence should be retained for Siemens 6AV3627-1QL00-0AX0?

Keep the installed-system record, wiring or configuration backup, inspection results and final functional acceptance with the maintenance history.

ADDITIONAL VERIFIED SIEMENS PRODUCTS

Catalog references only; no compatibility, replacement or substitution is implied.

01 Siemens 6AV2123-2DB03-0AX0

02 Siemens 6AV2124-0GC01-0AX0

Acceptance record

The final record identifies the exact model, installed position, restored wiring or project data, diagnostic state and witnessed functional result.

Identity decision	Full Siemens order number matches the installed record
Configuration decision	Rack, address, signal mode and project data are restored
Diagnostic decision	Relevant module and system diagnostics are reviewed
Release decision	The intended field or operator response is witnessed

Siemens 6AV3627-1QL00-0AX0

Touch Panel / Evidence and support

EVIDENCE BOUNDARY

The exact Siemens record supports the product identity and stated characteristics; nearby suffixes are not used as substitutes.

DOCUMENT USE

Use this document with the installed-system drawing, project backup and controlled maintenance procedure for the actual installation.

Exact identity matrix

Manufacturer	Siemens
Exact order number	6AV3627-1QL00-0AX0
Product type	Touch Panel
Product line	Siemens Simatic HMI
Automation category	HMI
Evidence basis	Exact Siemens product record

MORE VERIFIED SIEMENS PRODUCTS

Catalog references only; no compatibility, replacement or substitution is implied.

01 Siemens 6ES5928-3UB12

02 Siemens 6ES5466-3LA11

MANUFACTURER SOURCE

Siemens SiePortal product record for 6AV3627-1QL00-0AX0

Source identity retained for technical traceability; no external link is embedded.

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