Siemens

6AV8100-0BB00-0AA1

SCD 1297-ET Industrial LCD Monitor

Siemens 6AV8100-0BB00-0AA1 is the SCD 1297-ET 12-inch industrial LCD monitor with a resistive touch screen, flush-mount construction and 800 x 600 color TFT display.

System position

Exact identity	System family	Functional role	Release basis
6AV8100-0BB00-0AA1	SCD industrial flat-panel monitor	Industrial Touch Monitor	Recorded test and diagnostics

Keep the hardware and configuration identities together

Siemens 6AV8100-0BB00-0AA1 provides a flush-mounted 12-inch operator display with resistive touch input, SVGA presentation, on-screen controls and DSP scaling.

IDENTITY / RESOURCE	DOCUMENTED VALUE
Exact article	6AV8100-0BB00-0AA1
Product designation	SCD 1297-ET
Display size	12 inch
Display technology	Color TFT LCD
Resolution	800 x 600
Touch technology	Resistive

Technical evidence record: Siemens SiePortal exact product record for 6AV8100-0BB00-0AA1

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Interfaces and integration

Define the installed role

Siemens 6AV8100-0BB00-0AA1 provides a flush-mounted 12-inch operator display with resistive touch input, SVGA presentation, on-screen controls and DSP scaling.

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Map the host relationship

The complete 6AV8100-0BB00-0AA1 identity is matched to the host position, companion hardware and retained engineering record before any connection is disturbed.

Host	SCD industrial flat-panel monitor
Primary role	display and resistive-touch operation
Acceptance	Diagnostics and functional response

Interface control matrix

CONTROL BAND	VERIFICATION RECORD
Identity	Exact model and complete label
Mechanical	Form, seating and retention
Electrical	Power, field wiring and protective earth
Communication	Address, network and companion configuration
Configuration	Switches, parameters, project and revision
Release	Controlled test with retained result

Configuration continuity

Retain the recorded SCD industrial flat-panel monitor position, connected interfaces and

Acceptance evidence

Release 6AV8100-0BB00-0AA1 only after diagnostics and a controlled functional result are

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Technical resource bands

Only values tied to the complete product identity are listed. Installation-specific settings remain governed by the controlled site record.

PARAMETER	VALUE
Exact article	6AV8100-0BB00-0AA1
Product designation	SCD 1297-ET
Display size	12 inch
Display technology	Color TFT LCD
Resolution	800 x 600
Touch technology	Resistive
Mounting	Flush mount

PARAMETER	VALUE
Frequency range	30 to 97 kHz
Scaling	DSP
Local adjustment	On-screen controls
Protection listing	UL1950 / IP54
Power supply	Not included
Successor	6AV8100-0BB00-1AA1

Identity decision

Accept only the complete 6AV8100-0BB00-0AA1 marking and the recorded hardware execution.

Host decision

Confirm the receiving SCD industrial flat-panel monitor position and every companion component.

Interface decision

Compare mechanical fit, power, field wiring, communication and protective earth.

Release decision

Record diagnostics and a controlled test of display and resistive-touch operation before handover.

Engineering boundary

Use 6AV8100-0BB00-0AA1 only after the exact host, installed position, companion parts, protection measures and commissioning record have been matched. Do not borrow ratings from a similar-looking variant.

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Controls and service logic

Industrial visualization

Displays the retained machine or process interface at the panel position.

Touch operator input

Provides resistive touch interaction for the configured host application.

Flush-mount retrofit

Fits the retained panel arrangement after cutout and retention checks.

Legacy monitor replacement

Preserves video timing, scaling, touch communication and the external supply path.

Service decision path

STEP	REQUIRED OUTCOME
1. Identify	Read 6AV8100-0BB00-0AA1 and all companion markings
2. Compare	Host, position, connections, settings and revision
3. Install	Restore wiring, shielding, retention and protection
4. Verify	Review diagnostics and execute controlled function test

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6AV8100-0BB00-0AA1

Engineering decisions

What is Siemens 6AV8100-0BB00-0AA1?

It is the SCD 1297-ET 12-inch industrial LCD touch monitor.

Which resolution does Siemens 6AV8100-0BB00-0AA1 provide?

The monitor provides 800 x 600 pixels.

Which touch technology is used by Siemens 6AV8100-0BB00-0AA1?

The monitor uses a resistive touch screen.

How is Siemens 6AV8100-0BB00-0AA1 mounted?

It uses flush mounting in an industrial panel.

Is a power supply included with Siemens 6AV8100-0BB00-0AA1?

No. The exact product description states that it is supplied without a power supply.

Which frequency range is stated for Siemens 6AV8100-0BB00-0AA1?

The stated frequency range is 30 to 97 kHz.

Related Apter Power pages

- Siemens 6AV6640-0CA11-0AX1
- Siemens 6AV6640-0BA11-0AX0

Technical evidence record: Siemens SiePortal exact product record for 6AV8100-0BB00-0AA1

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