

6AV2123-2JB03-0AX0

SIMATIC HMI KTP900 Basic Panel

Siemens 6AV2123-2JB03-0AX0 is a SIMATIC HMI KTP900 Basic Panel with key and touch operation, a 9-inch TFT display and 65,536 colors. It connects through PROFINET and is configurable from

PRODUCT SNAPSHOT

BRAND
Siemens

FAMILY
SIMATIC HMI Basic Panels 2nd

PART
6AV2123-2JB03-0AX0

DOCUMENT STATUS
Controlled engineering copy

APTER POWER

WHATSAPP / PHONE

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WEBSITE

www.apterpower.com



PRODUCT OVERVIEW

Siemens 6AV2123-2JB03-0AX0 provides key-and-touch operator visualization over PROFINET in a SIMATIC automation station in a documented SIMATIC HMI Basic Panels 2nd Generation installation.

KTP900 Basic 2nd Generation

9-inch TFT touch display

65,536 colors

PROFINET with WinCC Basic V13 engineering

RELATED APTER POWER PAGES

1

General Electric MIVII1000E00HI00

2

General Electric ICRXIBN7M000A-BA

3

General Electric IS200TBAIH1CCC

4

General Electric IS200EMIOH1AFB

5

General Electric IS400JPDHG1A

6

General Electric DS200SDCIG1AFB

7

Siemens A5E00296878

8

Siemens A5E34612879

9

Siemens A5E00825002

SYSTEM COMPONENTS

DOCUMENTED COMPONENT	ROLE IN SYSTEM
Proximity probe	Matched extension cable
Proximitior Sensor	AISI 4140 target

ENGINEERING CONTEXT

The component remains matched to its documented cabinet position, power source, interfaces and approved engineering configuration. Commissioning restores that architecture and verifies the affected control or communication function under controlled conditions.

TECHNICAL DATA

PARAMETER	VALUE	PARAMETER	VALUE
Product designation	SIMATIC HMI KTP900 Basic	Display colors	65,536
Panel generation	Basic Panel, 2nd Generation	Communication interface	PROFINET
Operator method	Key and touch operation	Configuration software	WinCC Basic V13 or later
Display size	9 inch	Engineering environment	STEP 7 Basic V13 or later
Display technology	TFT color display	Software notice	Contains open-source software supplied with the

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TECHNICAL NOTE

Install 6AV2123-2JB03-0AX0 only in the documented SIMATIC HMI Basic Panels 2nd Generation position and preserve its exact wiring, interfaces and configuration. After controlled energization, verify diagnostics and key-and-touch operator visualization over PROFINET in a SIMATIC automation station before service release.

APPLICATIONS & PRECAUTIONS

COMMON APPLICATIONS

Machine HMI station

Combines touch and physical-key operation for the documented machine.

PROFINET visualization

Exchanges process and alarm data through the configured controller network.

Basic Panel migration

Restores the approved WinCC Basic project on the exact KTP900 target.

Operator acceptance testing

Checks every screen, key, touch zone, alarm and network tag.

PRODUCT PRECAUTIONS

1

Confirm the complete 6AV2123-2JB03-0AX0 marking and the documented SIMATIC HMI KTP900 Basic

2

Place the machine, controller and affected process in the approved maintenance state.

3

Isolate all hazardous energy and prove the safe state before disconnecting hardware.

4

Record the installed position, every terminal or port, and the active engineering configuration.

5

Verify the exact electrical, interface and environmental limits in the manufacturer evidence.

6

Restore protective earth, shielding, wiring, communications and the approved project or

7

Energize under control and review all device, rack, network and process diagnostics.

8

Complete a controlled functional test of key-and-touch operator visualization over PROFINET in a SIMATIC

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ENGINEER FAQ

Q1 Why must the exact product designation value be confirmed when commissioning 6AV2123-2JB03-0AX0?

The official exact-article record identifies 6AV2123-2JB03-0AX0 as SIMATIC HMI KTP900 Basic; match the full marking before installation.

Q2 Why must the exact panel generation value be confirmed when commissioning 6AV2123-2JB03-0AX0?

For 6AV2123-2JB03-0AX0, the official exact-article evidence specifies panel generation as Basic Panel, 2nd Generation. Record the installed condition and test the affected function before release.

Q3 What does the official record specify for 6AV2123-2JB03-0AX0 operator method?

For 6AV2123-2JB03-0AX0, the official exact-article evidence specifies operator method as Key and touch operation. Record the installed condition and test the affected function before release.

Q4 What does the official record specify for 6AV2123-2JB03-0AX0 display size?

For 6AV2123-2JB03-0AX0, the official exact-article evidence specifies display size as 9 inch. Record the installed condition and test the affected function before release.

Q5 What does the official record specify for 6AV2123-2JB03-0AX0 display technology?

For 6AV2123-2JB03-0AX0, the official exact-article evidence specifies display technology as TFT color display. Record the installed condition and test the affected function before release.

Q6 What does the official record specify for 6AV2123-2JB03-0AX0 display colors?

For 6AV2123-2JB03-0AX0, the official exact-article evidence specifies display colors as 65,536. Record the installed condition and test the affected function before release.

Q7 What communication interface for 6AV2123-2JB03-0AX0 affect the installed communication architecture?

For 6AV2123-2JB03-0AX0, the official exact-article evidence specifies communication interface as PROFINET. Record the installed condition and test the affected function before release.

Q8 Which software constraint must be preserved for 6AV2123-2JB03-0AX0 regarding configuration software?

For 6AV2123-2JB03-0AX0, the official exact-article evidence specifies configuration software as WinCC Basic V13 or later. Record the installed condition and test the affected function before release.

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SOURCE Siemens SiePortal exact-article record for 6AV2123-2JB03-0AX0 | Official manufacturer evidence verified 28 September 2026

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