

6AV2123-2JB03-0AX0

SIMATIC HMI KTP900 Basic Panel

CONTROLLED ENGINEERING COPY

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 WinCC Basic V13 or STEP 7 Basic V13.

INSTALLATION IDENTITY	REQUIRED VALUE
Complete model	6AV2123-2JB03-0AX0
Manufacturer	Siemens
System family	SIMATIC HMI Basic Panels 2nd Generation
Record scope	Installation, application and verification

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PLAN

ISOLATE

CONNECT

CONFIGURE

TEST

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01 PRE-INSTALLATION PLAN

- 1

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

MATCHED HARDWARE

- Siemens 6AV2123-2JB03-0AX0 with complete article identity
- Matched SIMATIC HMI Basic Panels 2nd Generation host or connected equipment
- Documented power, signal and communication interfaces
- Approved configuration, diagnostics and acceptance record

INSTALLATION CONTROL RECORD

CONTROL ITEM	REQUIRED RECORD
Identity	6AV2123-2JB03-0AX0 recorded
Physical interface	Installed terminals, ports and signal paths matched to the as-found record
Configuration	Approved hardware and engineering configuration restored
Functional proof	Controlled test confirms key-and-touch operator visualization over PROFINET in a SIMATIC automation station

02 WIRING & INTERFACE CHECKS

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

RELATED PRODUCT PAGES

1 General Electric DS200TCEAG1BSF

2 General Electric IC693MDL741C

3 General Electric IS215WEPAH2B

4 General Electric IS215AEPCH2F

5 General Electric IS210AEBIH3B

6 General Electric IS200STCIH2AED

7 General Electric IC693PWR331D

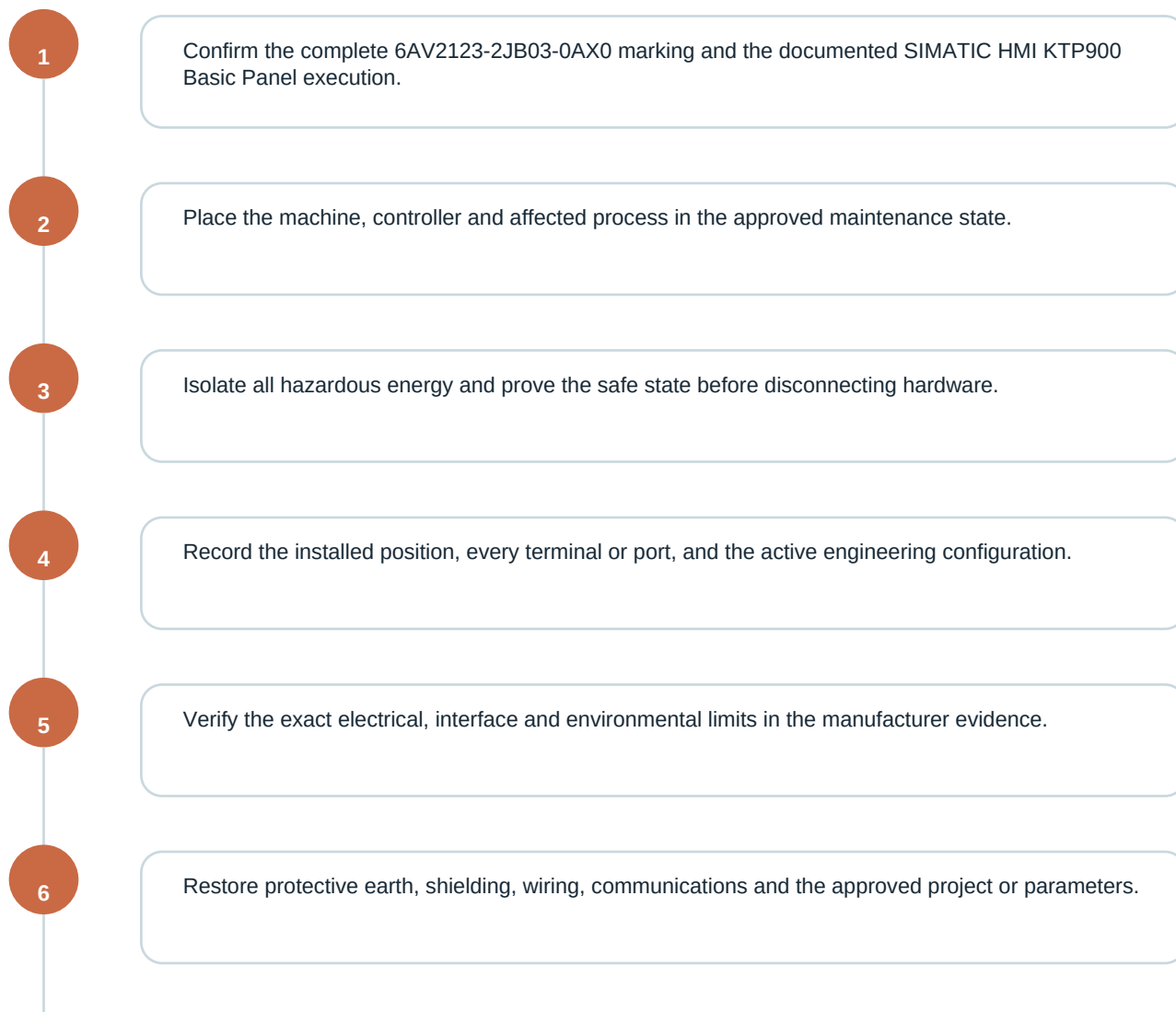
8 General Electric IC200ALG620

9 General Electric IS215WETAH1A

FIELD NOTE

Confirm 6AV2123-2JB03-0AX0, its exact SIMATIC HMI Basic Panels 2nd Generation host, power source, installed position, interfaces, configuration, diagnostics and controlled acceptance evidence before release.

03 COMMISSIONING WORKFLOW



COMMISSIONING ACCEPTANCE EVIDENCE

EVIDENCE ITEM	ACCEPTANCE CONDITION
Identity	6AV2123-2JB03-0AX0
Physical interface	Installed terminals, ports and signal paths matched to the as-found record
Configuration	Approved hardware and engineering configuration restored
Functional proof	Controlled test confirms key-and-touch operator visualization over PROFINET in a SIMATIC automation station

04 RETURN-TO-SERVICE RECORD

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

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VERIFICATION RECORD

PRODUCT IDENTITY	6AV2123-2JB03-0AX0
INSTALLED POSITION	Documented SIMATIC HMI Basic Panels 2nd Generation position
VERIFICATION METHOD	Controlled inspection and functional test
RELEASE RECORD	Final diagnostic state retained before service

FUNCTIONAL ACCEPTANCE CHECKLIST

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

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SOURCE IDENTIFIERS

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