

SIMATIC HMI OPERATOR SYSTEMS

Product Data Sheet

6AV6646-1BA22-1AA0

simatic hmi operator panel

FUNCTION simatic hmi operator panel	FAMILY SIMATIC HMI operator systems	ORIGIN Germany	WEIGHT 2.4 kg
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Siemens Simatic HMI 6AV6646-1BA22-1AA0 is a simatic hmi operator panel for the SIMATIC HMI operator systems. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Manufacturer	Siemens
Order Number	6AV6646-1BA22-1AA0
Product Type	Simatic Hmi Operator Panel
Product Family	SIMATIC HMI operator systems
Country of Origin	Germany
Supply Voltage	24 V DC
Display Technology	TFT LCD
Operator Input	Touch or keypad
Communication	PROFINET / Ethernet
Mounting	Control-panel installation

ADDITIONAL PRODUCT DATA

Connector Check	Keying and pin condition
Grounding Check	Protective earth continuity
Configuration Record	Saved engineering project
Diagnostic Check	Module status and fault memory
Commissioning Test	Controlled functional test

OFFICIAL APPLICATIONS

- Use 6AV6646-1BA22-1AA0 in its documented control function: Apply 6AV6646-1BA22-1AA0 in the specified SIMATIC HMI operator systems position and confirm the complete Siemens order number, installed hardware revision, power supply and approved engineering project before service.
- Record the installed interface arrangement: Photograph terminal labels, connector keying, network or signal cabling, shields, protective earth and neighboring modules. Preserve the documented slot and configuration during exchange.
- Test the affected automation function: After fitting 6AV6646-1BA22-1AA0, restore the controlled project, review module diagnostics and test the affected I/O, HMI, network, weighing or drive function at a safe operating point. Record final acceptance results.

SYSTEM COMPATIBILITY

Match 6AV6646-1BA22-1AA0 to the installed SIMATIC HMI operator systems, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Siemens Industry Mall product documentation](#)

<https://mall.industry.siemens.com/mall/en/WW/Catalog/Product/6AV6646-1BA22-1AA0>

AMIKON PRODUCT SUPPORT

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