

SIMATIC HMI OPERATOR SYSTEMS

Product Data Sheet

6AV6648-0AC11-3AX0

simatic smart panel hmi

FUNCTION simatic smart panel hmi	FAMILY SIMATIC HMI operator systems	ORIGIN Germany	WEIGHT 2.4 kg
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Siemens Simatic HMI 6AV6648-0AC11-3AX0 is a simatic smart panel hmi 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	6AV6648-0AC11-3AX0
Product Type	Simatic Smart Panel Hmi
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

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

- Use 6AV6648-0AC11-3AX0 in its documented control function: Apply 6AV6648-0AC11-3AX0 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 6AV6648-0AC11-3AX0, 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.

Match 6AV6648-0AC11-3AX0 to the installed SIMATIC HMI operator systems, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[Siemens Industry Mall product documentation](#)

<https://mall.industry.siemens.com/mall/en/WW/Catalog/Product/6AV6648-0AC11-3AX0>

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