

SIMATIC HMI OPERATOR SYSTEMS

Product Data Sheet

6AV6643-0AA01-1AX0

simatic tp277 touch panel

FUNCTION simatic tp277 touch panel	FAMILY SIMATIC HMI operator systems	ORIGIN Germany	WEIGHT 0.8 kg
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Siemens Simatic HMI 6AV6643-0AA01-1AX0 is a simatic tp277 touch 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	6AV6643-0AA01-1AX0
Product Type	Simatic Tp277 Touch 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

- Use 6AV6643-0AA01-1AX0 in its documented control function: Apply 6AV6643-0AA01-1AX0 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 6AV6643-0AA01-1AX0, 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 6AV6643-0AA01-1AX0 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/6AV6643-0AA01-1AX0>