

SIMATIC HMI OPERATOR SYSTEMS

Product Data Sheet

6AV6641-0CA01-0AX1

SIMATIC HMI operator panel

FUNCTION SIMATIC HMI operator panel	FAMILY SIMATIC HMI operator systems	ORIGIN Germany	WEIGHT 0.541 kg
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Siemens SIMATIC HMI 6AV6641-0CA01-0AX1 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

Rated Supply	24 V DC
Panel Interface	PROFIBUS DP / MPI
Display Mode	Color TFT or STN
Installation	Operator-panel cutout
Protection Front	IP65
Control Method	Key and touch operation
Configuration Software	SIMATIC WinCC
Memory Media	SIMATIC storage card
USB Interface	Integrated service port
Ethernet Interface	Industrial Ethernet

ADDITIONAL PRODUCT DATA

OFFICIAL APPLICATIONS

- Display live process and machine status: Use 6AV6641-0CA01-0AX1 for configured screens, status values and navigation within the documented SIMATIC HMI operator systems. Restore the approved HMI project and communication settings.
- Acknowledge alarms and issue controlled commands: Verify key, touch and safety-control functions on 6AV6641-0CA01-0AX1; confirm each command reaches the intended controller tag without unintended equipment movement.
- Validate the complete operator interface: Test display quality, touch or key response, communication, user access and emergency or enabling devices applicable to 6AV6641-0CA01-0AX1 before production use.

SYSTEM COMPATIBILITY

Match 6AV6641-0CA01-0AX1 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 technical product data

<https://mall.industry.siemens.com/mall/en/kettanehjoown/Catalog/Product?SiepCountryCode=OE&mlfb=6AV6641-0CA01-0AX1>

AMIKON PRODUCT SUPPORT

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