

SIMATIC HMI OPERATOR SYSTEMS

Product Data Sheet

6AV6642-0DA01-1AX1

SIMATIC HMI operator panel

FUNCTION SIMATIC HMI operator panel	FAMILY SIMATIC HMI operator systems	ORIGIN Germany	WEIGHT 1.275 kg
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Siemens SIMATIC HMI 6AV6642-0DA01-1AX1 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

Screen diagonal	5.7 in
Horizontal image resolution	320 pixel
Vertical image resolution	240 pixel
min.	0 °C
max.	50 °C
Ambient temperature during storage/transportation min.	-20 °C
Ambient temperature during storage/transportation max.	60 °C
Supports protocol for PROFINET IO	Yes
PROFIsafe	No
Interfaces/bus type	RS 232 optional, 1x RS 422, 1x RS 485, 1x Ethernet (RJ45) (max. 12 Mbit/s)

ADDITIONAL PRODUCT DATA

OFFICIAL APPLICATIONS

- Display live process and machine status: Use 6AV6642-0DA01-1AX1 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 6AV6642-0DA01-1AX1; 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 6AV6642-0DA01-1AX1 before production use.

SYSTEM COMPATIBILITY

Match 6AV6642-0DA01-1AX1 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=6AV6642-0DA01-1AX1>

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