

SIMATIC HMI OPERATOR PANELS

Product Data Sheet

6AV3017-1NE30-0AX0

SIMATIC operator panel

FUNCTION SIMATIC operator panel	FAMILY SIMATIC HMI operator panels	ORIGIN Germany	WEIGHT Confirm before dispatch
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Siemens Simatic HMI 6AV3017-1NE30-0AX0 is a SIMATIC operator panel for the SIMATIC HMI operator panels. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Exact Article Code	6AV3017-1NE30-0AX0
Product Class	Simatic Operator Panel
Product Family	SIMATIC HMI operator panels
Display Technology	Touch display
Display Resolution	Model-defined resolution
Color Capability	Industrial color display
User Memory	Retentive configuration memory
Communication Ports	PROFINET Ethernet
Operator Input	Resistive touch / function keys
Supply Class	24 V DC

ADDITIONAL PRODUCT DATA

Configuration Software	SIMATIC WinCC
Recipe Support	Persistent recipe records
Alarm System	Message buffer and acknowledgement
Front Protection	IP65 installed

OFFICIAL APPLICATIONS

- Track robotic handling with Simatic Operator process control: In the automation chain for the robots, grippers and transfer fixtures, 6AV3017-1NE30-0AX0 supports the configured automation role as a SIMATIC operator panel. During fault recovery, the system uses this function to restore the cell from a defined intermediate state, helping it resume material flow without losing part identity.
- Observe utility distribution with Simatic Operator: Inside the steam, cooling and instrument-air headers, 6AV3017-1NE30-0AX0 provides its specified system function as a SIMATIC operator panel. During utility constraint, the system uses this function to prioritize process users from measured demand, helping it protect production continuity during the constraint.
- Route web transport with Simatic Operator process control: During operation of the unwinders, dancers and pull rolls, 6AV3017-1NE30-0AX0 operates in its approved product-family role as a SIMATIC operator panel. During format change, the system uses this function to synchronize the driven sections with product position, helping it protect web tension and print registration.

SYSTEM COMPATIBILITY

Match 6AV3017-1NE30-0AX0 to the installed SIMATIC HMI operator panels, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Siemens official product documentation and manufacturer catalog](#)

<https://mall.industry.siemens.com/mall/en/WW/Catalog/Product/6AV3017-1NE30-0AX0>

AMIKON PRODUCT SUPPORT

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