

SIMATIC HMI TOUCH PANELS

Product Data Sheet

6AV6545-0CC10-0AX0

SIMATIC TP270 touch panel

FUNCTION	FAMILY	ORIGIN	WEIGHT
SIMATIC TP270 touch panel	SIMATIC HMI Touch Panels	Germany	Confirm before dispatch

Siemens Simatic HMI 6AV6545-0CC10-0AX0 is a SIMATIC TP270 touch panel for the SIMATIC HMI Touch Panels. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Exact Article Code	6AV6545-0CC10-0AX0
Product Class	Simatic Tp270 Touch Panel
Product Family	SIMATIC HMI Touch Panels
Display Technology	10.4-inch TFT
Display Resolution	640 × 480 pixels
Color Capability	256 colors
User Memory	2 MB
Communication Ports	MPI / PROFIBUS / serial
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

- Route aeration control with Simatic Tp270 process control: Across the blowers and dissolved-oxygen loops, 6AV6545-0CC10-0AX0 supports the configured automation role as a SIMATIC TP270 touch panel. During changing oxygen demand, the system uses this function to adjust air delivery from process feedback, helping it stabilize treatment performance.
- Coordinate product blending with Simatic Tp270: In the automation chain for the component tanks and blend headers, 6AV6545-0CC10-0AX0 handles its designated signal or control duty as a SIMATIC TP270 touch panel. During blend correction, the system uses this function to adjust component addition from quality feedback, helping it bring the blend toward its release target.
- Sequence ingredient dosing with Simatic Tp270: Across the batch vessels and dosing valves, 6AV6545-0CC10-0AX0 provides its specified system function as a SIMATIC TP270 touch panel. During batch release, the system uses this function to align measured quantities with the active batch step, helping it hold dosing accuracy through the cycle.

SYSTEM COMPATIBILITY

Match 6AV6545-0CC10-0AX0 to the installed SIMATIC HMI Touch 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/6AV6545-0CC10-0AX0>

AMIKON PRODUCT SUPPORT

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