

SIMATIC HMI UNIFIED COMFORT PANELS

Product Data Sheet

6AV2143-6GA00-0SN0

SIMATIC Unified Comfort Panel

FUNCTION SIMATIC Unified Comfort Panel	FAMILY SIMATIC HMI Unified Comfort Panels	ORIGIN Germany	WEIGHT Confirm before dispatch
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Siemens Simatic HMI 6AV2143-6GA00-0SN0 is a SIMATIC Unified Comfort Panel for the SIMATIC HMI Unified Comfort Panels. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Exact Article Code	6AV2143-6GA00-0SN0
Product Class	Simatic Unified Comfort Panel
Product Family	SIMATIC HMI Unified Comfort 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

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

- Regulate distillation control with Simatic Unified: At the control layer of the columns, reboilers and reflux circuits, 6AV2143-6GA00-0SN0 operates in its approved product-family role as a SIMATIC Unified Comfort Panel. During feed-composition change, the system uses this function to coordinate temperature, pressure and inventory loops, helping it maintain separation performance.
- Sequence clean-in-place transfer with Simatic Unified: In the automation chain for the CIP supply and return headers, 6AV2143-6GA00-0SN0 provides its specified system function as a SIMATIC Unified Comfort Panel. During sanitation transition, the system uses this function to coordinate valve paths and pump availability, helping it complete sanitation without cross-routing product.
- Route robotic handling with Simatic Unified process control: In the automation chain for the robots, grippers and transfer fixtures, 6AV2143-6GA00-0SN0 provides its specified system function as a SIMATIC Unified Comfort 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.

Match 6AV2143-6GA00-0SN0 to the installed SIMATIC HMI Unified Comfort Panels, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

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

<https://mall.industry.siemens.com/mall/en/WW/Catalog/Product/6AV2143-6GA00-0SN0>

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