

SIMATIC HMI COMFORT PANELS

Product Data Sheet

6AV2124-1GC01-0AX0

SIMATIC Comfort Panel HMI

FUNCTION SIMATIC Comfort Panel HMI	FAMILY SIMATIC HMI Comfort Panels	ORIGIN Germany	WEIGHT Confirm before dispatch
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Siemens Simatic HMI 6AV2124-1GC01-0AX0 is a SIMATIC Comfort Panel HMI for the SIMATIC HMI Comfort Panels. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Exact Article Code	6AV2124-1GC01-0AX0
Product Class	Simatic Comfort Panel Hmi
Product Family	SIMATIC HMI 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

ADDITIONAL PRODUCT DATA

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

OFFICIAL APPLICATIONS

- Maintain machine-tool automation with Simatic Comfort: As part of the spindles, axes and tool changers, 6AV2124-1GC01-0AX0 supports the configured automation role as a SIMATIC Comfort Panel HMI. During cycle start, the system uses this function to coordinate the equipment states required by the active cycle, helping it complete the machining step with traceable status.
- Manage reactor charging with Simatic Comfort process control: Across the feed valves, vessels and agitators, 6AV2124-1GC01-0AX0 provides its specified system function as a SIMATIC Comfort Panel HMI. During batch initiation, the system uses this function to sequence the material path against vessel readiness, helping it begin the reaction from a verified state.
- Route web transport with Simatic Comfort process control: Within the unwinders, dancers and pull rolls, 6AV2124-1GC01-0AX0 handles its designated signal or control duty as a SIMATIC Comfort Panel HMI. 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 6AV2124-1GC01-0AX0 to the installed SIMATIC HMI Comfort 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/6AV2124-1GC01-0AX0>

AMIKON PRODUCT SUPPORT

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