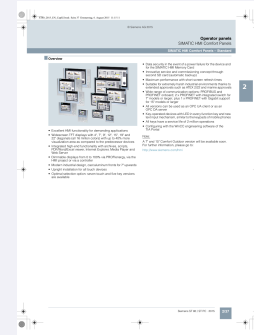


FIELD INSTALLATION QUICK GUIDE

Installation Instructions

6AV2124-1DC01-0AX0
KP400 Comfort operator panel



PRODUCT	6AV2124-1DC01-0AX0
FAMILY	SIMATIC HMI Comfort Panels
FUNCTION	KP400 Comfort operator panel
STATUS	Verify exact installed equipment

Prepared by Amikon Limited from Siemens Simatic HMI documentation. This guide supplements the complete manufacturer manual and site procedure.

01 CONFIRM THE ORDERED CONFIGURATION

Display Size	4.3 inch widescreen
Operation	Key operation
Display Colors	16 million
Display Resolution	480 x 272 pixels
Supply Voltage	24 V DC
Ethernet Interfaces	2 PROFINET ports

02 PREPARATION AND CONNECTION

- Confirm the complete 6AV2124-1DC01-0AX0 article number and installed revision.
- Isolate applicable electrical and process energy using the approved site procedure.
- Record every connector, cable, terminal, shield and protective-earth connection before removal.
- Install without forcing keyed parts, then secure terminals, latches, fasteners and cable supports.

OFFICIAL INSTALLATION REFERENCE

ST80_2015_EN_Cap02.book Seite 37 Donnerstag, 6. August 2015 11:15 11

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Operator panels
SIMATIC HMI Comfort Panels

SIMATIC HMI Comfort Panels – Standard

Overview



- Excellent HMI functionality for demanding applications
- Widescreen TFT displays with 4", 7", 9", 12", 15", 19" and 22" diagonals (all 16 million colors) with up to 40% more visualization area as compared to the predecessor devices
- Integrated high-end functionality with archives, scripts, PDF/Word/Excel viewer, Internet Explorer, Media Player and Web Server
- Dimmable displays from 0 to 100% via PROFIenergy, via the HMI project or via a controller
- Modern industrial design, cast aluminum fronts for 7" upwards
- Upright installation for all touch devices
- Optimal selection option: seven touch and five key versions are available

- Data security in the event of a power failure for the device and for the SIMATIC HMI Memory Card
- Innovative service and commissioning concept through second SD card (automatic backup)
- Maximum performance with short screen refresh times
- Suitable for extremely harsh industrial environments thanks to extended approvals such as ATEX 2/22 and marine approvals
- Wide range of communication options: PROFIBUS and PROFINET onboard; 2 x PROFINET with integrated switch for 7" models or larger; plus 1 x PROFINET with Gigabit support for 15" models or larger
- All versions can be used as an OPC UA client or as an OPC DA server
- Key-operated devices with LED in every function key and new text input mechanism, similar to the keypads of mobile phones
- All keys have a service life of 2 million operations
- Configuring with the WinCC engineering software of the TIA Portal

Note:
A 7" and 15" Comfort Outdoor version will be available soon.
For further information, please go to:
<http://www.siemens.com/hmi>

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04

COMMISSIONING CHECKS

- 01 Confirm product identity and mechanical seating.
- 02 Verify the documented supply before energising.
- 03 Inspect polarity, shielding and protective-earth connections.
- 04 Restore power in the approved sequence and observe status indications.
- 05 Test each connected input, output or communication path.
- 06 Record diagnostics and functional-test results before return to service.

05

CONTROLLED DOCUMENT

Official source	Siemens official product documentation
Product record	6AV2124-1DC01-0AX0
Manufacturer	Siemens Simatic HMI
Warranty	12 months from AMIKON
Support	INFO@AMIKON.CN

AMIKON PRODUCT SUPPORT

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