

SIMATIC S7-1200 basic controller

Operator control and monitoring

Comfort Panels – Standard

Overview



SIMATIC HMI Comfort Panels

- 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 PROFlenergy, 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

Customized device designs:

For selected SIMATIC HMI Basic Panels, it is possible to customize the appearance of the panel using the customer name or customer logo, as well as to change the membrane color scheme in accordance with the customer's corporate design. This is even possible for small quantities.

Ordering data

Article No.

SIMATIC HMI Comfort Panels, Key and Touch	
SIMATIC HMI KTP400 Comfort	6AV2124-2DC01-0AX0
SIMATIC HMI Comfort Panels, Touch	
SIMATIC HMI TP700 Comfort	6AV2124-0GC01-0AX0
SIMATIC HMI TP900 Comfort	6AV2124-0JC01-0AX0
SIMATIC HMI TP1200 Comfort	6AV2124-0MC01-0AX0
SIMATIC HMI TP1500 Comfort	6AV2124-0QC02-0AX0
SIMATIC HMI TP1900 Comfort	6AV2124-0UC02-0AX0
SIMATIC HMI TP2200 Comfort	6AV2124-0XC02-0AX0
SIMATIC HMI Comfort Panels, Key	
SIMATIC HMI KP400 Comfort	6AV2124-1DC01-0AX0
SIMATIC HMI KP700 Comfort	6AV2124-1GC01-0AX0
SIMATIC HMI KP900 Comfort	6AV2124-1JC01-0AX0
SIMATIC HMI KP1200 Comfort	6AV2124-1MC01-0AX0
SIMATIC HMI KP1500 Comfort	6AV2124-1QC02-0AX0
Starter kits for SIMATIC HMI Comfort Panels	
Consisting of: the respective SIMATIC HMI Comfort Panel, SIMATIC WinCC Comfort, Ethernet cable, 2 m SIMATIC HMI memory card 2 GB 10 protective films for touch screen devices	
Starter kit for SIMATIC HMI KTP400 Comfort, Key and Touch	6AV2181-4DB20-0AX0
Starter kit for SIMATIC HMI TP700 Comfort, Touch	6AV2181-4GB00-0AX0
Starter kit for SIMATIC HMI TP900 Comfort, Touch	6AV2181-4JB00-0AX0
Starter kit for SIMATIC HMI TP1200 Comfort, Touch	6AV2181-4MB00-0AX0
Starter kit for SIMATIC HMI TP1500 Comfort, Touch	6AV2181-4QB00-0AX0
Starter kit for SIMATIC HMI TP1900 Comfort, Touch	6AV2181-4UB00-0AX0
Starter kit for SIMATIC HMI TP2200 Comfort, Touch	6AV2181-4XB00-0AX0
Starter kit for SIMATIC HMI KP400 Comfort, Key	6AV2181-4DB10-0AX0
Starter kit for SIMATIC HMI KP700 Comfort, Key	6AV2181-4GB10-0AX0
Starter kit for SIMATIC HMI KP900 Comfort, Key	6AV2181-4JB10-0AX0
Starter kit for SIMATIC HMI KP1200 Comfort, Key	6AV2181-4MB10-0AX0
Starter kit for SIMATIC HMI KP1500 Comfort, Key	6AV2181-4QB10-0AX0
Accessories	See Catalog ST 80 / ST PC or Industry Mall