

MANUFACTURER DOCUMENT PACKAGE

# Manufacturer's Manual

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SIEMENS SIMATIC HMI

## 6AV3607-1JC00-0AX1

OP7 PP OPERATOR PANEL

Applicable product family: SIMATIC HMI operator panels

OFFICIAL SOURCE

6AV3607-1JC00-0AX1.pdf

The following pages are selected from the supplied manufacturer document and retain their original page content.

\*\*\*Spare part\*\*\* operator panel OP7/PP LC display, LED backlit 4-tier, 20 characters/line, SIMATIC S5, 505, native drivers with UL/CSA approval



| General information                  |                         |
|--------------------------------------|-------------------------|
| Customer-specific configuration      | No                      |
| Display                              |                         |
| Design of display                    | LC display, black/white |
| graphics-enabled                     | No                      |
| Line display                         |                         |
| • Number of lines                    | 4                       |
| • Number of characters per line      | 20                      |
| Backlighting                         |                         |
| • MTBF backlighting (at 25 °C)       | 100 000 h               |
| Control elements                     |                         |
| Control elements                     | Keys                    |
| Keyboard fonts                       |                         |
| • Membrane keyboard                  | Yes                     |
| — user-definable label membrane keys | Yes                     |
| • Function keys                      |                         |
| — Number of function keys            | 8                       |
| — Number of function keys with LEDs  | 4                       |

|                                                                       |                                                   |
|-----------------------------------------------------------------------|---------------------------------------------------|
| • System keys                                                         |                                                   |
| — Number of system keys                                               | 22                                                |
| • Numeric keyboard                                                    | Yes                                               |
| • alphanumeric keyboard                                               | Yes                                               |
| • hexadecimal keyboard                                                | Yes                                               |
| • Multi-key operation                                                 | No                                                |
| Touch operation                                                       |                                                   |
| • Design as touch screen                                              | No                                                |
| Connection type                                                       |                                                   |
| • Type of connection for mouse/keyboard/barcode reader                | - / - / -                                         |
| Installation type/mounting                                            |                                                   |
| Mounting position                                                     | vertical                                          |
| maximum permissible angle of inclination without external ventilation | 90°                                               |
| Supply voltage                                                        |                                                   |
| Type of supply voltage                                                | 24 V DC                                           |
| UPS connectable (serial)                                              | No                                                |
| Input current                                                         |                                                   |
| Current consumption (rated value)                                     | 0.19 A                                            |
| Processor                                                             |                                                   |
| Processor type                                                        | X86                                               |
| Drives                                                                |                                                   |
| Diskette drive                                                        | Yes                                               |
| CD-ROM                                                                | No                                                |
| Hard disk                                                             | No                                                |
| Memory                                                                |                                                   |
| Type of memory                                                        | Flash / RAM                                       |
| Memory available for user data                                        | 128 kbyte                                         |
| Type of output                                                        |                                                   |
| Info LED                                                              | Yes                                               |
| Power LED                                                             | No                                                |
| Error LED                                                             | No                                                |
| Time of day                                                           |                                                   |
| Clock                                                                 |                                                   |
| • Type                                                                | Software clock, synchronizable, no battery backup |
| • retentive                                                           | No                                                |
| • synchronizable                                                      | Yes                                               |
| Interfaces                                                            |                                                   |

|                                                          |                                                                            |
|----------------------------------------------------------|----------------------------------------------------------------------------|
| Interfaces/bus type                                      | 1 x TTY, 1 x RS232, 1 x RS422, 1 x RS485                                   |
| Number of RS 485 interfaces                              | 1                                                                          |
| Number of parallel interfaces                            | 0                                                                          |
| USB port                                                 | No                                                                         |
| PC card slot                                             | No                                                                         |
| CF card slot                                             | No                                                                         |
| Special interfaces                                       | No                                                                         |
| With software interfaces                                 | No                                                                         |
| <b>Industrial Ethernet</b>                               |                                                                            |
| • Industrial Ethernet interface                          | No                                                                         |
| <b>Degree and class of protection</b>                    |                                                                            |
| IP (at the front)                                        | IP65                                                                       |
| IP (rear)                                                | IP20                                                                       |
| <b>Standards, approvals, certificates</b>                |                                                                            |
| Certifications                                           | CE, GL, BV, DNV, LRS, PRS, FM Class I Div. 2, UL, CSA, cULus, EX zone 2/22 |
| <b>Ambient conditions</b>                                |                                                                            |
| <b>Ambient temperature during storage/transportation</b> |                                                                            |
| • min.                                                   | -25 °C                                                                     |
| • max.                                                   | 70 °C                                                                      |
| <b>Relative humidity</b>                                 |                                                                            |
| • Operation, max.                                        | 95 %                                                                       |
| <b>Operating systems</b>                                 |                                                                            |
| pre-installed operating system                           | Rmos                                                                       |
| <b>Configuration</b>                                     |                                                                            |
| Message indicator                                        | Yes                                                                        |
| Alarm system (incl. buffer and acknowledgment)           | Yes                                                                        |
| Process value display (output)                           | No                                                                         |
| Process value default (input) possible                   | No                                                                         |
| Recipe management                                        | Yes                                                                        |
| <b>Configuration software</b>                            |                                                                            |
| • Configuration tool                                     | ProTool / Lite Version 2.51 or higher (to be ordered separately)           |
| <b>Peripherals/Options</b>                               |                                                                            |
| Additional software components loadable                  | No                                                                         |
| <b>Dimensions</b>                                        |                                                                            |
| Width of the housing front                               | 144 mm                                                                     |
| Height of housing front                                  | 180 mm                                                                     |
| Overall depth                                            | 38.5 mm                                                                    |
| <b>Weights</b>                                           |                                                                            |
| Weight (without packaging)                               | 0.43 kg                                                                    |

| Other                 |                                                                                              |
|-----------------------|----------------------------------------------------------------------------------------------|
| free hotline          | Yes                                                                                          |
| Warranty period       | 1 y                                                                                          |
| <b>last modified:</b> | 04/05/2018  |