

MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

SIEMENS SIMATIC HMI

6AV3017-1NE30-0AX0

SIMATIC OPERATOR PANEL

Applicable product family: SIMATIC HMI operator panels

OFFICIAL SOURCE

6AV3017-1NE30-0AX0.pdf

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

*** SPARE PART*** TEXT DISPLAY TD17 LC DISPLAY, BACK-LIT
LED, 4X20/8X40 LINES X CHARACTERS FOR SIMATIC S5 ,505 ,S7
,M7 NATIVE DRIVERS, PROFIBUS-DP12



General information

Customer-specific configuration	No
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Display

Design of display	LC display
graphics-enabled	No
Color type	Black/white

Line display

• Number of lines	8
• Number of characters per line	40

Backlighting

• MTBF backlighting (at 25 °C)	200 000 h
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Control elements

Control elements	Keys
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Keyboard fonts

• Membrane keyboard	Yes
— user-definable label membrane keys	No
• Function keys	No
• Numeric/alphabetical input	No / No

— hexadecimal keyboard	No
• Multi-key operation	No
Touch operation	
• Design as touch screen	No
Connection type	
• 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)	0.34 A
Power	
Active power input, typ.	8.4 W
Processor	
Processor type	X86
Drives	
Diskette drive	No
CD-ROM	No
Hard disk	No
Memory	
Type of memory	Flash / RAM
Memory available for user data	128 kbyte
Battery	
Backup battery	
• Backup battery	optional 3.6 V
• Backup time, min.	4 y
Time of day	
Clock	
• Type	Hardware clock, battery backup
• retentive	Yes
• synchronizable	No
Interfaces	
Interfaces/bus type	1 x TTY, 1 x RS232, 1 x RS422, 1 x RS485 (max. 12 Mbit/s)
Number of RS 485 interfaces	1

• Transmission rate, max.	12 Mbit/s
Number of parallel interfaces	0
With software interfaces	No
Protocols	
PROFIBUS	Yes
MPI	Yes
AS-Interface	No
Further protocols	
• MODBUS	No
• other bus systems	No
Degree and class of protection	
IP (at the front)	IP65
IP (rear)	IP20
Standards, approvals, certificates	
Certifications	CE, GL, ABS, DNV, LRS, PRS, FM Class I Div. 2, UL, CSA, cULus
Ambient conditions	
Ambient temperature during storage/transportation	
• min.	-25 °C
• max.	70 °C
Relative humidity	
• Operation, max.	95 %
Operating systems	
pre-installed operating system	Rmos
Configuration	
Message indicator	Yes
Alarm system (incl. buffer and acknowledgment)	No
Process value display (output)	No
Process value default (input) possible	No
Recipe management	No
Configuration software	
• Configuration tool	ProTool / Lite Version 2.51 or higher (to be ordered separately)
Peripherals/Options	
Additional software components loadable	No
Dimensions	
Width of the housing front	240 mm
Height of housing front	98 mm
Overall depth	47 mm
Weights	

Weight (without packaging)	0.9 kg
Other	
free hotline	Yes
Warranty period	1 y
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