

OFFICIAL MANUFACTURER DOCUMENT PACKAGE

Installation Instructions

6AV2128-3MB06-0AX0

Siemens official documentation for the exact article number.

Source: 6AV2128-3MB06-0AX0.pdf

Selected official Siemens pages follow this cover.

• Numeric keyboard	Yes; Onscreen keyboard
• alphanumeric keyboard	Yes; Onscreen keyboard
Touch operation	
• Design as multi-touch screen	Yes
Installation type/mounting	
Mounting position	vertical
Mounting in portrait format possible	Yes
Mounting in landscape format possible	Yes
maximum permissible angle of inclination without external ventilation	35°
Supply voltage	
Type of supply voltage	DC
Rated value (DC)	24 V
permissible range, lower limit (DC)	19.2 V
permissible range, upper limit (DC)	28.8 V
Input current	
Current consumption (rated value)	0.6 A
Current consumption, max.	1.3 A
Starting current inrush I _{st}	0.5 A ² ·s
Memory	
Flash	Yes
RAM	Yes
Type of output	
Acoustics	
• Buzzer	Yes
• Speaker	No
Time of day	
Clock	
• Hardware clock (real-time)	Yes
• Software clock	Yes
• retentive	Yes; Back-up duration typically 6 weeks
• synchronizable	Yes
Interfaces	
Number of industrial Ethernet interfaces	2; 2 ports (switch) + independent port
Number of RS 485 interfaces	1; RS 422 / 485 combined
Number of RS 422 interfaces	0; together with RS 485
Number of USB interfaces	4; USB 3.0
Number of SD card slots	2
Industrial Ethernet	
• Industrial Ethernet status LED	2

• Germanischer Lloyd (GL) • American Bureau of Shipping (ABS) • Bureau Veritas (BV) • Det Norske Veritas (DNV) • Lloyds Register of Shipping (LRS) • Nippon Kaiji Kyokai (Class NK) • Chinese Classification Society (CCS)	No; Available soon No; Available soon No; Available soon No; Available soon No; Available soon No; Available soon No; Available soon
Ambient conditions	
Suited for indoor use	Yes
Suited for outdoor use	No
Ambient temperature during operation	
• Operation (vertical installation) — For vertical installation, min. — For vertical installation, max. • Operation (max. tilt angle) — At maximum tilt angle, min. — At maximum tilt angle, min. • Operation (vertical installation, portrait format) — For vertical installation, min. — For vertical installation, max. • Operation (max. tilt angle, portrait format) — At maximum tilt angle, min. — At maximum tilt angle, min.	0 °C 50 °C 0 °C 40 °C 0 °C 40 °C 0 °C 35 °C
Ambient temperature during storage/transportation	
• min. • max.	-20 °C 60 °C
Relative humidity	
• Operation, max.	90 %; no condensation
Operating systems	
proprietary	Yes
Configuration	
Message indicator	Yes
Alarm system (incl. buffer and acknowledgment)	Yes
Recipe management	Yes
Configuration software	
• WinCC Unified Comfort Engineering (TIA Portal) • WinCC Unified PC Engineering (TIA Portal)	Yes Yes
Languages	
Online languages	

SIMATIC HMI CF memory card Compact Flash Card	No
USB memory	Yes
SIMATIC IPC USB Flashdrive (USB stick)	Yes
SIMATIC HMI USB stick	Yes
Network camera	No

Mechanics/material

Enclosure material (front)

- Aluminum

Yes

Dimensions

Width of the housing front	326 mm
Height of housing front	237 mm
Mounting cutout, width	310 mm
Mounting cutout, height	221 mm
Overall depth	64 mm

Weights

Weight without packaging 2.8 kg

last modified:

06/09/2020 