

OFFICIAL MANUFACTURER DOCUMENT PACKAGE

Installation Instructions

6AV6643-0CD01-1AX2

Siemens official documentation for the exact article number.

Source: 6AV6643-0CD01-1AX2.pdf

Selected official Siemens pages follow this cover.

Keyboard fonts	
• System keys	No
• Numeric/alphabetical input	Yes / Yes
— hexadecimal keyboard	Yes
Touch operation	
• Design as touch screen	Yes; analog, resistive
Connection type	
• Connection for mouse/keyboard/barcode reader	USB / USB / USB
Installation type/mounting	
Mounting position	vertical
maximum permissible angle of inclination without external ventilation	35°
Supply voltage	
Type of supply voltage	DC
Processor	
Processor type	ARM
Memory	
Type of memory	Flash / RAM
Memory available for user data	6 Mbyte
Main memory	
• Capacity of main memory, max.	128 Mbyte
Time of day	
Clock	
• Type	Hardware clock, battery backup, synchronizable
• retentive	Yes
• synchronizable	Yes
Interfaces	
Interfaces/bus type	1 x RS422, 1 x RS485, 1 x Ethernet (RJ45)
Number of RS 485 interfaces	1
USB port	2 x USB
Multimedia Card slot	1x MultiMediaCard slot
Industrial Ethernet	
• Industrial Ethernet interface	1 x Ethernet (RJ45)
Protocols	
Supports protocol for PROFINET IO	Yes
PROFIsafe	No
PROFIBUS	Yes
Protocols (Ethernet)	
• TCP/IP	Yes

- Open Platform Program

Yes

Peripherals/Options

Peripherals

- SIMATIC HMI MM memory card: Multi Media Card
- SIMATIC HMI SD memory card: Secure Digital memory card
- USB memory

Printer, barcode reader

Yes

Yes

Yes

Additional software components loadable

Yes

Dimensions

Width of the housing front

335 mm

Height of housing front

275 mm

Mounting cutout, width

310 mm

Mounting cutout, height

248 mm

Overall depth

61 mm

Weights

Weight (without packaging)

2.65 kg

Other

free hotline

Yes

Warranty period

1 y

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