

OFFICIAL MANUFACTURER DOCUMENT PACKAGE

Installation Instructions

6AV6643-0DD01-1AX1

Siemens official documentation for the exact article number.

Source: 6AV6643-0DD01-1AX1.pdf

Selected official Siemens pages follow this cover.

• Function keys	
— Number of function keys	36
— Number of function keys with LEDs	28
• System keys	Yes
— Number of system keys	36
• Numeric keyboard	Yes
• alphanumeric keyboard	Yes
• Multi-key operation	Yes
— Number of multi-key operations	2
Touch operation	
• Design as touch screen	No
Connection type	
• Type of 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
Capacity of main memory, max.	64 Mbyte
Time of day	
Clock	
• Type	Hardware clock, battery backup, synchronizable
• retentive	Yes
• synchronizable	Yes
Interfaces	
Interfaces/bus type	1x RS 422, 1x RS 485, 1x Ethernet (RJ45)
Number of industrial Ethernet interfaces	1
Number of RS 485 interfaces	1
Number of RS 422 interfaces	1
Number of USB interfaces	2; Up to 1 GB respectively
Multimedia card/SD card slot	1x Multimedia Card slot, up to 128 MB
Protocols	
Supports protocol for PROFINET IO	Yes

Peripherals/Options	
Peripherals	Printer, barcode reader
SIMATIC HMI MM memory card: Multi Media Card	Yes
SIMATIC HMI SD memory card: Secure Digital memory card	Yes
USB memory	Yes
Additional software components loadable	Yes
Dimensions	
Width of the housing front	483 mm
Height of housing front	310 mm
Mounting cutout, width	434 mm
Mounting cutout, height	291 mm
Overall depth	60 mm
Weights	
Weight (without packaging)	4.95 kg
Other	
free hotline	Yes
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