

OFFICIAL MANUFACTURER DOCUMENT PACKAGE

Installation Instructions

MP277-8,6AV6643-0DB01-1AX1

Siemens official documentation for the exact article number.

Source: 6AV6643-0DB01-1AX1.pdf

Selected official Siemens pages follow this cover.

• Function keys	
— Number of function keys	26
— Number of function keys with LEDs	18
• 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.	128 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
With software interfaces	No
Protocols	

- Open Platform Program

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	362 mm
Height of housing front	231 mm
Mounting cutout, width	338 mm
Mounting cutout, height	206 mm
Overall depth	61 mm

Weights

Weight (without packaging)	2.25 kg
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Other

free hotline	Yes
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last modified:

10/09/2020 