

OFFICIAL MANUFACTURER DOCUMENT PACKAGE

Installation Instructions

6AV6642-0DA01-1AX1

Siemens official documentation for the exact article number.

Source: 6AV6642-0DA01-1AX1.pdf

Selected official Siemens pages follow this cover.

• Membrane keyboard — user-definable label membrane keys • Function keys — Number of function keys — Number of function keys with LEDs • System keys — Number of configurable system keys • Numeric keyboard • alphanumeric keyboard • hexadecimal keyboard • Multi-key operation	Yes 32 26 Yes 32 Yes Yes Yes Yes
Touch operation	
• Design as touch screen	Yes; analog, resistive
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
Input current	
Current consumption (rated value)	0.24 A
Starting current inrush I _{st}	0.5 A ² ·s
Processor	
Processor type	ARM, 200 MHz
Memory	
Type of memory	Flash / RAM
Memory available for user data	2 048 kbyte
Time of day	
Clock	
• Type • retentive • synchronizable	Hardware clock, synchronizable, no battery backup No Yes
Interfaces	
Interfaces/bus type	RS 232 optional, 1x RS 422, 1x RS 485, 1x Ethernet (RJ45) (max. 12 Mbit/s)
Number of industrial Ethernet interfaces	1
Number of RS 485 interfaces	1

• Modicon (Modbus)	Yes
Functions	
• Key repeat	No
• TAB sequence	Yes
• Calculating functions	Yes
• Animate	Yes
• Menu tree editor	Yes
• Unit switchover	No
Service tools/configuration aids	
• Clean screen	Yes
• Touch calibration	Yes
• Backup/Restore manually	Yes
• Simulation	Yes
• Device switchover	Yes
• Delta transfer	Yes
• Monitoring function for battery and memory	No
• Trace (operation archive)	No
Expandability/openness	
• Open Platform Program	Yes
Peripherals/Options	
Peripherals	Printer
SIMATIC HMI MM memory card: Multi Media Card	Yes
Additional software components loadable	Yes
Dimensions	
Width of the housing front	243 mm
Height of housing front	212 mm
Mounting cutout, width	229 mm
Mounting cutout, height	196 mm
Overall depth	45 mm
Weights	
Weight (without packaging)	1 kg
Other	
free hotline	Yes
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