

SIMATIC THIN CLIENT (HARDWARE) 10" TOUCH, THIN CLIENT,
10" TFT DISPLAY, 64K COLORS, CLIENT: SMARTACCESS, RDP,
WEB



General information	
Customer-specific configuration	No
Display	
Design of display	TFT
Screen diagonal	10.4 in
Number of grayscales	0
Number of colors	65 536
Color type	Colors
Resolution (pixels)	
• Horizontal image resolution	640 Pixel
• Vertical image resolution	480 Pixel
Backlighting	
• MTBF backlighting (at 25 °C)	50 000 h
Control elements	
Control elements	Touch screen
Keyboard fonts	
• System keys	No
Touch operation	

• Design as touch screen	Yes; analog, resistive
Connection type	
• Connection for mouse/keyboard/barcode reader	USB / USB
Installation type/mounting	
maximum permissible angle of inclination without external ventilation	35°
Supply voltage	
Type of supply voltage	DC
Input current	
Starting current inrush I ² t	1 A ² ·s
Processor	
Processor type	ARM, 266 MHz
Memory	
Type of memory	Flash / RAM
Interfaces	
Interfaces/bus type	1 x Ethernet (RJ45)
Number of RS 485 interfaces	0
USB port	1 x USB
With software interfaces	No
Industrial Ethernet	
• Industrial Ethernet interface	1 x Ethernet (RJ45)
• Industrial Ethernet status LED	2
Protocols	
Supports protocol for PROFINET IO	Yes
PROFIsafe	No
PROFIBUS	No
Protocols (Ethernet)	
• TCP/IP	Yes
WEB characteristics	
• HTTP	Yes
• HTML	Yes
• XML	Yes
• CSS	Yes
• JavaScript	Yes
Protocols (terminal link)	
• Sm@rtServer	Yes
• RDP	Yes
Further protocols	
• EtherNet/IP	No

- MODBUS
- other bus systems

No

Yes

EMC

Emission of radio interference acc. to EN 55 011

- Limit class A, for use in industrial areas

Yes; EN 61000-6-4, interference emission: Intended for use in industrial areas.

Degree and class of protection

Front	IP54, NEMA 12, (when installed)
IP (at the front)	IP54
IP (rear)	IP20

Standards, approvals, certificates

Certifications	CE, cULus, C-TICK, NEMA 12 (when installed: IP54, enclosure type 12; optional IP65, enclosure type 4X/type 12 (6AV6671-6AP00-0AX0))
cULus	Yes
EMC	The product is designed for use in industrial environments. When used in residential areas, the emission of radio interference according to limit class B of EN 55011 must be ensured. For further information refer to the user documentation
Suitable for safety functions	No

Ambient conditions

Ambient temperature during operation

- min. 0 °C
- max. 50 °C

Ambient temperature during storage/transportation

- min. -20 °C
- max. 60 °C

Relative humidity

- Operation, max. 85 %; Storage

Configuration

Recipe management	No
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Languages

Online languages

- Number of online/runtime languages 2

Peripherals/Options

Additional software components loadable	No
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Dimensions

Width of the housing front	325 mm
Height of housing front	263 mm
Mounting cutout, width	309 mm

Mounting cutout, height	247 mm
Overall depth	65 mm
Weights	
Weight (without packaging)	2.2 kg
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