SIEMENS

SIMATIC THIN CLIENT PROTECTED 15" TOUCH,IP65, EXTERNAL
DEVICE 15" TFT DISPLAY, 64K COLORS, CLIENT:
SMARTACCESS, RDP, WEB IP65 DEVICE FOR EXTERNAL
MOUNTING, NO BUILT-IN UNIT

General information

Customer-specific configuration	No

Display

Design of display	TFT
Screen diagonal	15.1 in
Number of colors	65 536
Color type	Colors
Resolution (pixels)	
● Horizontal image resolution	1 024 Pixel
● Vertical image resolution	768 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	45°

Supply voltage	
Type of supply voltage	DC

Input current	
Starting current inrush I²t	1 A²·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
● CSS	Yes
Protocols (terminal link)	
● Sm@rtServer	Yes
● RDP	Yes
Further protocols	
● EtherNet/IP	No
● MODBUS	No
● other bus systems	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	IP65, NEMA 4x, NEMA 12 (when installed)
IP (at the front)	IP65
IP (rear)	IP65

Standards, approvals, certificates	
Certifications	CE, cULus, C-TICK, NEMA 4x (Enclosure Type 4X, Type 12), NEMA 12
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.	45 °C
Ambient temperature during storage/transportation	
• min.	-20 °C
• max.	60 °C
Relative humidity	
• Operation, max.	85 %; Storage

Configuration	
Recipe management	No

Languages	
Online languages	
• Number of online/runtime languages	2

Functionality under WinCC (TIA Portal)	
Service tools/configuration aids	
• Clean screen	Yes
• Touch calibration	Yes

Peripherals/Options	
Additional software components loadable	No

Dimensions	
Width of the housing front	400 mm
Height of housing front	310 mm
Overall depth	65 mm

Weights	
Weight (without packaging)	6.5 kg

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