

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
Color display	Yes
Number of colors	65 536
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
• alphanumeric keyboard	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 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
Number of USB interfaces	1
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	
<ul style="list-style-type: none"> 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	
IP (at the front)	IP65
NEMA (front)	NEMA 4x, NEMA 12 (when installed)
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	
<ul style="list-style-type: none"> min. 	0 °C
<ul style="list-style-type: none"> max. 	45 °C
Ambient temperature during storage/transportation	
<ul style="list-style-type: none"> min. 	-20 °C
<ul style="list-style-type: none"> max. 	60 °C
Relative humidity	
<ul style="list-style-type: none"> Operation, max. 	85 %; Storage
Configuration	
Recipe management	No
Languages	
Online languages	
<ul style="list-style-type: none"> Number of online/runtime languages 	2
Functionality under WinCC (TIA Portal)	
Service tools/configuration aids	
<ul style="list-style-type: none"> Clean screen 	Yes
<ul style="list-style-type: none"> 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
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Weights

Weight (without packaging)	6.5 kg
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last modified:	08/12/2017
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