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Data sheet 6AV6646-1AD22-0AX0

SIMATIC ITC 2200, Industrial Thin Client, 22" widescreen TFT display, Touch operation, Supported protocols: RDP, VNC, SMARTSERVER, Web



General information	
Product type designation	ITC2200
Display	
Design of display	TFT widescreen display, LED backlighting
Screen diagonal	21.5 in
Display width	495.6 mm
Display height	292.2 mm
Number of colors	16 777 216
Resolution (pixels)	
• Horizontal image resolution	1 920 Pixel
• Vertical image resolution	1 080 Pixel
General features	
• Luminance	250 cd/m²
Backlighting	
• Type of backlighting	LED, dimmable
• MTBF backlighting (at 25 °C)	30 000 h; At 25°C
• Backlight dimmable	Yes; 5-100 %
Control elements	

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Control elements	Touch screen
Touch operation	
• Design as touch screen	Yes
• Monitor keyboard	Yes
Installation type/mounting	
Rack mounting	No
Support arm mounting	No
Stand mounting	No
Built-in unit	Yes
Supply voltage	
Type of supply voltage	24 V DC
permissible range, lower limit (DC)	19.2 V
permissible range, upper limit (DC)	28.8 V
Input current	
Current consumption, max.	2.2 A
Starting current inrush I²t	0.5 A²·s
Interfaces	
Number of industrial Ethernet interfaces	1
Number of USB interfaces	2; on rear
Connection for keyboard/mouse	USB
Industrial Ethernet	
• Transmission rate, max.	1 000 Mbit/s
Protocols	
Protocols (Ethernet)	
• TCP/IP	Yes
• DHCP	Yes
• SNMP	Yes
• DCP	Yes
• LLDP	Yes
WEB characteristics	
• HTTP	Yes
• HTML	Yes; HTML5
• XML	Yes
• CSS	Yes
• JavaScript	Yes
Protocols (terminal link)	
• Sm@rtServer	Yes
• RDP	Yes
• VNC viewer	Yes
• Citrix	No

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• SINUMERIK	No
Degree and class of protection	
IP (at the front)	IP65
IP (rear)	IP20
NEMA (front)	
• Enclosure Type 4 at the front	Yes
Standards, approvals, certificates	
CE mark	Yes
cULus	Yes
RCM (formerly C-TICK)	Yes
KC approval	Yes
Use in hazardous areas	
• cULus Class I Zone 1	No
• cULus Class I Zone 2, Division 2	Yes; Available soon
• FM Class I Division 2	Yes; Available soon
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.	90 %
Software	
Web browser	Yes
PDF reader	Yes
Configuration	
Configuration	
• Local	Yes
• Remote	Yes; With Remote Configuration Center (RCC) as of V2.0
Languages	
Online languages	
• Number of online/runtime languages	3; DE, EN, HU
Peripherals/Options	
Printer	No
USB memory	Yes; USB storage medium can be connected
Additional software components loadable	No
Mechanics/material	

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Enclosure material (front)	
• Aluminum	Yes

Dimensions	
Width of the housing front	560 mm
Height of housing front	380 mm
Mounting cutout, width	542 mm
Mounting cutout, height	362 mm
Overall depth	75 mm

Weights	
Weight without packaging	7.1 kg
Weight incl. packaging	7.8 kg

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