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Data sheet 6AV6646-1AD22-0AX0

*** spare part *** 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; 22"
Display width	495.6 mm
Display height	292.2 mm
Number of colors	16 777 216
Resolution (pixels)	
● Image resolution	1 920 x 1 080
● Horizontal image resolution	1 920 pixel
● Vertical image resolution	1 080 pixel
General features	
● Detachable from computer unit	100 m
● 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	
Control elements	single-touch screen
Touch operation	
● Design as touch screen	Yes
● Monitor keyboard	Yes
Installation type/mounting	
Design	Built-in unit
Front mounting	Yes
Support arm mounting	No
Stand mounting	No
Built-in unit	Yes
Supply voltage	
Type of supply voltage	DC
Rated value (DC)	24 V
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	

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Number of industrial Ethernet interfaces	1
Number of USB interfaces	2; on rear
USB on the rear	Yes; 2x onboard
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
● 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; in preparation
● FM Class I Division 2	Yes; in preparation
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

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Peripherals/Options	
USB memory	Yes; USB storage medium can be connected
Mechanics/material	
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
mounting depth	75 mm
Weights	
Weight (without packaging)	7.1 kg
Weight (with packaging)	7.8 kg

Classifications

	Version	Classification
eClass	16	19-20-01-03
eClass	14	19-20-01-03
eClass	12	19-20-01-03
eClass	9.1	19-20-01-03
eClass	9	19-20-01-03
eClass	8	27-24-23-01
eClass	7.1	27-24-23-01
eClass	6	27-24-23-01
ETIM	10	EC001414
ETIM	9	EC001414
ETIM	8	EC001414
ETIM	7	EC001414
IDEA	4	6607
UNSPSC	15	43-21-15-06

Approvals / Certificates

General Product Approval

Miscellaneous | Manufacturer Declaration

General Product Approval

China RoHS

EMV

For use in hazardous locations

For use in hazardous locations

FM | FM | CCC-Ex | Miscellaneous

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