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Data sheet 6AV6646-1AC22-0AX0

*** spare part *** SIMATIC ITC 1900, Industrial Thin Client, 19" widescreen TFT display, touch operation, supported protocols: RDP, VNC, SmartServer, web



General information	
Product type designation	ITC1900
Display	
Design of display	TFT widescreen display, LED backlighting
Screen diagonal	18.5 in; 19"
Display width	409.8 mm
Display height	230.4 mm
Number of colors	16 777 216
Resolution (pixels)	
● Image resolution	1 366 x 768
● Horizontal image resolution	1 366 pixel
● Vertical image resolution	768 pixel
General features	
● Detachable from computer unit	100 m
Backlighting	
● Type of backlighting	LED, dimmable
● 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.	1.3 A
Starting current inrush I²t	0.5 A²·s
Interfaces	
Number of industrial Ethernet interfaces	1
Number of USB interfaces	2; on rear

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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
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	2; german / english
Peripherals/Options	
USB memory	Yes; USB storage medium can be connected
Mechanics/material	
Enclosure material (front)	

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• Aluminum	Yes
Dimensions	
Width of the housing front	483 mm
Height of housing front	337 mm
Mounting cutout, width	465 mm
Mounting cutout, height	319 mm
mounting depth	75 mm
Weights	
Weight (without packaging)	6.5 kg
Weight (with packaging)	7.1 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 | **EMV** | **For use in hazardous locations**

China RoHS

For use in hazardous locations

FM | FM | CCC-Ex | Miscellaneous

For use in hazardous locations

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