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Data sheet 6AV6646-8AC10-0AA0



SIMATIC ITC1900 stainless steel front, Industrial Thin Client, 19" widescreen TFT display, Touch operation, Supported protocols: RDP, VNC, SMARTSERVER, Web

General information	
Product type designation	ITC1900 INOX
Display	
Design of display	TFT widescreen display, LED backlighting
Screen diagonal	18.5 in
Display width	409.8 mm
Display height	230.4 mm
Number of colors	16 777 216
Resolution (pixels)	
● Horizontal image resolution	1 366 pixel
● Vertical image resolution	768 pixel
Backlighting	
● Type of backlighting	LED, dimmable
● Backlight dimmable	Yes; 5-100 %
Control elements	
Touch operation	
● Design as touch screen	Yes
● Monitor keyboard	Yes
Installation type/mounting	
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.	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
Connection for keyboard/mouse	USB
Industrial Ethernet	
● Transmission rate, max.	1 000 Mbit/s
Protocols	
Protocols (Ethernet)	
● TCP/IP	Yes
● DHCP	Yes

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● 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	Yes
Degree and class of protection	
NEMA (front)	
● Enclosure Type 4x at the front	Yes; indoor use only
Standards, approvals, certificates	
CE mark	Yes
cULus	Yes
Use in hazardous areas	
● ATEX Zone 2	Yes
● ATEX Zone 22	Yes
● IECEx Zone 2	Yes
● IECEx Zone 22	Yes
● cULus Class I Zone 1	No
● cULus Class I Zone 2, Division 2	Yes
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.	70 %
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)	
● Aluminum	No
● Stainless steel	Yes
Dimensions	
Width of the housing front	483 mm
Height of housing front	337 mm
Mounting cutout, width	465 mm

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Mounting cutout, height	319 mm
Overall depth	73 mm
Weights	
Weight without packaging	8.5 kg
Weight incl. packaging	9.1 kg

last modified: 12/18/2020

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