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Data sheet 6AV7484-6AB11-0AA0



Figure similar

*** spare part *** SIMATIC IFP (Ethernet MON), 19" touch TFT, continuous foil, INOX enclosure, fully enclosed IP66, flange adapter for support arm, without operator controls, without EMERGENCY OFF, display port, Ethernet, USB, 24 V DC power supply; based on SIMATIC IFP1900 (6AV7863-3MA20-0AA0) for connection (1: 1) to IPC427D

General information	
Product type designation	IFP1900 INOX PRO
Short designation	Flat Panel 19" INOX PRO ETH single-touch
Display	
Design of display	18.5" TFT widescreen display
Screen diagonal	18.5 in
Screen diagonal [cm]	47 cm
Display width	409.8 mm
Display height	230.4 mm
Number of colors	16 000 000
Resolution (pixels)	
● Horizontal image resolution	1 366 pixel
● Vertical image resolution	768 pixel
General features	
● Brightness/contrast	400 cd/m² / 700:1
● non-reflective and tempered mineral glass screen	No
● Detachable from computer unit	100 m
● Luminance	400 cd/m²
Backlighting	
● Type of backlighting	LED, dimmable
● MTBF backlighting (at 25 °C)	50 000 h
● Backlight dimmable	Yes
Control elements	
Control elements	single-touch screen
Input device	
● Integrated mouse cursor control	No
Touch operation	
● Design as touch screen	Yes
● Design as multi-touch screen	No
● Monitor keyboard	No
Installation type/mounting	
Design	Support arm mounting
Front mounting	No
Support arm mounting	Yes
Stand mounting	No
VESA mounting	No
Mounting in portrait format possible	No
Mounting in landscape format possible	No

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Built-in unit	No
maximum permitted forward tilt angle from vertical	30°
maximum permitted backward tilt angle from vertical	-30°
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 (rated value)	2 A
Starting current inrush I²t	0.5 A²·s
Power loss	
Power loss, typ.	40 W
Interfaces	
Number of industrial Ethernet interfaces	1
Number of USB interfaces	2
USB on the rear	No
USB at the front	No
Connection for keyboard/mouse	USB
Video interfaces	
● DVI-D	No
● DisplayPort	Yes
Touch interfaces	
● USB	Yes
Industrial Ethernet	
● Transmission rate, max.	1 Mbit/s
Degree and class of protection	
IP (at the front)	IP66
IP (rear)	IP66
NEMA (front)	
● Enclosure Type 4 at the front	Yes
● Enclosure Type 4x at the front	Yes
● Enclosure Type 12 at the front	No
NEMA (rear)	NEMA 4x
Standards, approvals, certificates	
CE mark	Yes
UL approval	Yes
● UL 508	Yes
cULus	Yes
FM approval	No
RCM (formerly C-TICK)	No
KC approval	No
EAC (formerly Gost-R)	No
CCC	No
FCC	Yes
EMC	CE, EN 61000-6-4; CISPR 22 Class A; FCC Class A
Marine approval	No
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	No
● FM Class I Division 2	No
Marine approval	
● Germanischer Lloyd (GL)	No
● American Bureau of Shipping (ABS)	No
● Bureau Veritas (BV)	No

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● Det Norske Veritas (DNV)	No
● Korean Register of Shipping (KRS)	No
● Lloyds Register of Shipping (LRS)	No
● Nippon Kaiji Kyokai (Class NK)	No
● Polski Rejestr Statkow (PRS)	No
● Chinese Classification Society (CCS)	No
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.	85 %
Vibrations	
● Vibration load in operation	10 m/s²
● Vibration load during transport/storage	10 m/s²
Shock testing	
● Shock load during operation	150 m/s²
● shock acceleration during storage/transport	250 m/s²
Configuration	
Configuration	
● Local	Yes
● Remote	No
Mechanics/material	
Enclosure material (front)	Stainless steel V2A
● Plastic	Yes
● Aluminum	No
● Stainless steel	Yes
● Aluminum casting	No
● Glass	No
Enclosure material (rear)	Stainless steel V2A
Weights	
Weight (without packaging)	15.5 kg

Classifications

	Version	Classification
eClass	16	19-20-02-01
eClass	14	19-20-02-01
eClass	12	19-20-02-01
eClass	9.1	19-20-02-01
eClass	9	19-20-02-01
eClass	8	19-20-02-01
eClass	7.1	19-20-02-01
eClass	6	19-20-02-01
ETIM	10	EC004862
ETIM	9	EC001428
ETIM	8	EC001428
ETIM	7	EC001428
IDEA	4	6675
UNSPSC	15	43-21-19-02

Approvals / Certificates

General Product Approval	EMV

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EMV	For use in hazardous locations

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