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Data sheet 6AV7485-6BE00-0AA0

SIMATIC IFP2200 INOX FLAT PANEL 22" DISPLAY (16:9), Multitouch, Stainless steel front, 1920 X 1080 Pixel, For 24V DC, Displayport Interface, Ethernet Interface, Incl. DP/USB-cable 1,8 M



General information	
Product type designation	IFP2200 INOX
Short designation	Flat Panel 22" INOX multi-touch Ethernet
Display	
Design of display	TFT widescreen display, LED backlighting
Screen diagonal	21.5 in
Screen diagonal [cm]	56 cm
Display width	476 mm
Display height	268 mm
On Screen Display (OSD) configuration	No; Adjustable by means of software
Number of colors	16 777 216; 24 bit
Resolution (pixels)	
● Horizontal image resolution	1 920 pixel
● Vertical image resolution	1 080 pixel
● Pixel size, horizontal	0.2475 mm
● Pixel size, vertical	0.2475 mm
General features	
● Brightness/contrast	250 cd/m² / 1 000:1
● Luminance	250 cd/m²
Backlighting	
● Type of backlighting	LED
● MTBF backlighting (at 25 °C)	50 000 h; At 25°C
● Backlight dimmable	Yes; 0-100 %
Control elements	
Keyboard fonts	
● Function keys	No
— Number of function keys	0
Touch operation	
● Design as touch screen	Yes; Projective-capacitive
● Design as multi-touch screen	Yes
● Monitor keyboard	Yes
Installation type/mounting	
Built-in unit	Yes
maximum permitted forward tilt angle from vertical	35°
maximum permitted backward tilt angle from vertical	35°
Supply voltage	
Type of supply voltage	DC

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Rated value (DC)	24 V
permissible range, lower limit (DC)	19.2 V
permissible range, upper limit (DC)	28.8 V
Power loss	
Power loss, typ.	40 W
Power loss, max.	65 W
Interfaces	
Number of industrial Ethernet interfaces	1; Ethernet, 1 port, RJ45
USB on the rear	Yes
Video interfaces	
● analog video signal (VGA)	No
● DisplayPort	Yes
Touch interfaces	
● USB	Yes
Industrial Ethernet	
● Transmission rate, max.	1 000 Mbit/s
Degree and class of protection	
IP (at the front)	IP66 / IPx6K and IP69 / IPx9K
Standards, approvals, certificates	
CE mark	Yes
cULus	Yes
KC approval	No
Use in hazardous areas	
● ATEX Zone 2	No; Available soon
● ATEX Zone 22	No; Available soon
● FM Class I Division 2	No; Available soon
Marine approval	
● Germanischer Lloyd (GL)	No
● American Bureau of Shipping (ABS)	No
● Bureau Veritas (BV)	No
● Det Norske Veritas (DNV)	No
● Lloyds Register of Shipping (LRS)	No
● Nippon Kaiji Kyokai (Class NK)	No
Ambient conditions	
Ambient temperature during operation	
● min.	0 °C
● max.	45 °C; Vertical installation (horizontal)
Ambient temperature during storage/transportation	
● min.	-20 °C
● max.	60 °C
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	150 m/s²
Mechanics/material	
Enclosure material (front)	
● Glass	Yes
Dimensions	
Width of the housing front	544 mm
Height of housing front	345 mm
Mounting cutout, width	513 mm; Tolerance: +1 mm
Mounting cutout, height	315 mm; Tolerance: +1 mm
Overall depth	62.5 mm
Weights	
Weight without packaging	8 kg

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Weight incl. packaging	9.1 kg

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