SIEMENS

Data sheet

6AV7863-6MA00-2NA0

SIMATIC IFP1900 V2, 19" multi-touch display (16:9) with 1920x1080 pixel resolution, built-in unit, for 24 V DC, display port/DVI interface, including DP/USB cable 1.8 m, on the rear USB, neutral design



Figuresimilar

General information	
Product type designation	IFP1900 V2
Short designation	SIMATIC IFP1900 V2
Display	
Design of display	TFT widescreen display, LED backlighting
Screen diagonal	18.5 in; 19"
Screen diagonal [cm]	47 cm
Display width	408.96 mm
Display height	230.04 mm
On Screen Display (OSD) configuration	No; Adjustable by means of software
Number of colors	16 777 216; 24 bit
Viewing angle	178° x 178°
Resolution (pixels)	
Image resolution	1 920 x 1 080
Horizontal image resolution	1 920 pixel
Vertical image resolution	1 080 pixel
Pixel size, horizontal	0.213 mm
Pixel size, vertical	0.213 mm
General features	
 Brightness/contrast 	350 cd/m² / 1 000:1
 non-reflective and tempered mineral glass screen 	Yes
 Detachable from computer unit 	5 m
Luminance	350 cd/m ²
Backlighting	
 Type of backlighting 	LED
 MTBF backlighting (at 25 °C) 	50 000 h; At 25°C
Backlight dimmable	Yes; 0-100 %
Control elements	
Control elements	multi-touch screen
Input device	
 Integrated mouse cursor control 	Yes; Also externally via USB
Touch operation	
 Design as touch screen 	Yes; Projective-capacitive
 Design as multi-touch screen 	Yes; Projective-capacitive
Monitor keyboard	Yes; If supported by operating system
Installation type/mounting	
	Built-in unit
Design	Built-in unit

VESA mounting Yes Yes Mounting in portrat format possible Yes Multing in landscape form up casable Yes Statilitin unit Yes Mainting in landscape form vertical 35° maximum permitted forward tilt angle from vertical 35° Supply voltage DO Pred stappy voltage DO Stating current insuch P DS A*a Current consumption, max. 15.A Stating current insuch P DS A*a Power loss, typ. 20 W Power loss, typ. 20 W Power loss, typ. 20 W Power loss, typ. Stapp stamm insuch P	VESA mounting	Voe: VESA 100 x 100 into restant		
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RCM (formerly C-TICK) Yes EAC (formerly Gost-R) Yes EMC CE, EN 55011, EN 61000-6-4, EN 61000-6-2 Use in hazardous areas • ATEX Zone 2 Yes; Available soon • ATEX Zone 22 Yes; Available soon • IECEx Zone 2 Yes; Available soon • IECEx Zone 2 Yes; Available soon • IECEx Zone 22 Yes; Available soon • IECEx Zone 22 Yes; Available soon • FM Class I Division 2 Yes; Available soon Marine approval • Germanischer Lloyd (GL) Yes; Available soon • American Bureau of Shipping (ABS) Yes; Available soon • Bureau Veritas (BV) Yes; Available soon • Det Norske Veritas (DNV) Yes; Available soon • Lloyds Register of Shipping (LRS) Yes; Available soon • Nippon Kaiji Kyokai (Class NK) Yes; Available soon • Nippon Kaiji Kyokai (Class NK) Yes; Available soon				
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Nippon Kaiji Kyokai (Class NK) Yes; Available soon Ambient conditions Ambient temperature during operation				
Ambient conditions Ambient temperature during operation				
Ambient temperature during operation				
• min. 0 °C				
	• min.			

• max.	50 °C
Ambient temperature during storage/transportation	
• min.	-20 °C
• max.	60 °C
Altitude during operation relating to sea level	
 Installation altitude above sea level, max. 	3 500 m
Relative humidity	
Operation, max.	90 %; no condensation
Vibrations	
 Vibration load in operation 	10 m/s ²
 Vibration load during transport/storage 	10 m/s ²
Shock testing	
 Shock load during operation 	150 m/s ²
 shock acceleration during storage/transport 	250 m/s ²
Mechanics/material	
Enclosure material (front)	With neutral design
Aluminum	Yes
 Aluminum casting 	Yes
• Glass	Yes; at front
Enclosure material (rear)	aluminum
Dimensions	
Width of the housing front	464 mm
Height of housing front	294 mm
Mounting cutout, width	448 mm; Tolerance: +1 mm
Mounting cutout, height	278 mm; Tolerance: +1 mm
Overall depth	63.4 mm
Weights	
Weight (without packaging)	5 kg
Weight (with packaging)	7 kg
loot modified.	

last modified:

9/21/2021 🖸