SIEMENS

Data sheet

6AV7863-4MA15-2NA0

SIMATIC IFP2200 V2 PRO, 22 multi-touch display (16:9) with 1920x1080 pixel resolution, PRO variant support arm, for 24 V DC, DisplayPort, can be placed up to 100 m away HDBaseT, USB on the rear side, neutral design



Figure similar

General information	
Product type designation	IFP2200 PRO
Short designation	Flat Panel 22" PRO multi-touch ext.
Display	
Design of display	TFT widescreen display, LED backlighting
Screen diagonal	21.5 in; 22"
Screen diagonal [cm]	54.6 cm
Display width	476.1 mm
Display height	267.8 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 	0.248 mm
Pixel size, vertical	0.248 mm
General features	
 Brightness/contrast 	250 cd/m² / 1 000:1
 non-reflective and tempered mineral glass screen 	Yes
 Detachable from computer unit 	100 m; HDBaseT V2.0
Luminance	250 cd/m ²
Backlighting	
 Type of backlighting 	LED
 MTBF backlighting (at 25 °C) 	30 000 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
Keyboard fonts	
Function keys	No
Number of function keys	0
Touch operation	
 Design as multi-touch screen 	Yes; Projective-capacitive

 Monitor keyboard 	Yes	
Installation type/mounting		
Design	Support arm mounting	
Front mounting	No	
Support arm mounting	No	
Stand mounting	Yes	
VESA mounting	Yes; With VESA adapter set	
maximum permitted forward tilt angle from vertical	45°	
maximum permitted backward tilt angle from vertical	45°	
Supply voltage		
Type of supply voltage	DC	
Rated value (DC)	24 V; PELV / SELV floating	
permissible range, lower limit (DC)	19.2 V	
permissible range, upper limit (DC)	28.8 V	
Input current	20.0 1	
Current consumption (rated value)	1A	
Current consumption (rated value)	1.3 A	
Starting current inrush I ² t	0.5 A ² ·s	
-	0.5 A S	
Power loss	04.111	
Power loss, typ.	24 W	
Power loss, max.	31 W	
Interfaces		
Number of USB interfaces	2; USB 2.0 type A	
USB on the rear	Yes; 2x onboard	
Connection for keyboard/mouse	USB	
Video interfaces		
 analog video signal (VGA) 	No	
DisplayPort	Yes; Display port V1.2	
Touch interfaces		
• USB	Yes	
Degree and class of protection		
IP (at the front)	IP65	
IP (rear)	IP65	
NEMA (front)		
 Enclosure Type 4 at the front 	Yes	
 Enclosure Type 4x at the front 	Yes	
Standards, approvals, certificates		
Certificate of suitability	hazardous zone 2/22; shipbuilding	
CE mark	Yes	
UL approval	Yes	
cULus	Yes; Corresponds to UL 508	
FM approval	Available soon	
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	Available soon	
ATEX Zone 22	Available soon	
IECEx Zone 2	Available soon	
IECEx Zone 22	Available soon	
 cULus Class I Zone 2, Division 2 	Available soon	
 FM Class I Division 2 	Available soon	
Ambient conditions		
Ambient temperature during operation		
• min.	0°C	
• max.	45 °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. 95 %; no condensation Vibration load in operation 1 gn • Vibration load during transport/storage 1 gn • Vibration load during operation 1 5 gn • Shock load during operation 15 gn • Shock load during operation 15 gn • Shock load during operation 15 gn • Shock cecleration during storage/transport 15 gn • Aluminum Yes • Aluminum Yes • Aluminum Yes • Glass Yes; at front Enclosure material (rear) aluminum Dimensions Yes Width 329 mm Width of the housing front 527 mm Height of housing front 329 mm Weight (without packaging) 7.6 kg Weight (with packaging) 8.4 kg Iast modified: 8/8/2021 C		
Attitude during operation relating to sea level Installation altitude above sea level, max. 3 500 m Relative humidity Operation, max. 95 %; no condensation Vibrations I gn Vibration load during transport/storage 1 gn Shock testing Shock load during operation 15 gn Shock acceleration during storage/transport 15 gn Mechanics/material Enclosure material (front) Aluminum Yes Aluminum casting Yes; at front aluminum Dimensions Width 527 mm Height 329 mm; Without basic adapter Depth 93.7 mm; Without basic adapter Width of the housing front 327 mm Height of housing front 327 mm Meight (without packaging) 7.6 kg Weight (without packaging) 8.4 kg 	• min.	-20 °C
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