## SIEMENS

## Data sheet

## 6AV7863-4MA14-2NA0

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



Figuresimilar

General information         Product type designation       IFP2200 PRO         Short designation       Flat Panel 22" PRO multi-touch ext.         Display	
Short designationFlat Panel 22" PRO multi-touch ext.DisplayTFT widescreen display, LED backlightingScreen diagonal21.5 in; 22"Screen diagonal [cm]54.6 cmDisplay width476.1 mmDisplay height267.8 mmOn Screen Display (OSD) configurationNo; Adjustable by means of softwareNumber of colors16 777 216; 24 bitViewing angle178° x 178°Resolution (pixels)1 920 x 1 080• Horizontal image resolution1 920 pixel• Vertical image resolution1 080 pixel• Pixel size, horizontal0.248 mm• Pixel size, vertical0.248 mmGeneral features250 cd/m² / 1 000:1• non-reflective and tempered mineral glass screenYes	
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 width       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°         esolution (pixels)       1 920 x 1 080         • Horizontal image resolution       1 920 pixel         • Vertical image resolution       0.248 mm         • Pixel size, horizontal       0.248 mm         • Pixel size, vertical       0.248 mm         General features       250 cd/m² / 1 000:1         • Brightness/contrast       250 cd/m² / 1 000:1	
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• Pixel size, vertical     0.248 mm       General features     250 cd/m² / 1 000:1       • Brightness/contrast     250 cd/m² / 1 000:1       • non-reflective and tempered mineral glass screen     Yes	
General features       • Brightness/contrast       • non-reflective and tempered mineral glass screen       Yes	
Brightness/contrast 250 cd/m² / 1 000:1     non-reflective and tempered mineral glass screen Yes	
non-reflective and tempered mineral glass screen     Yes	
Detachable from computer unit     100 m; HDBaseT protocol	
Luminance 250 cd/m <sup>2</sup>	
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	
Touch operation	
Design as touch screen     Yes	
Design as multi-touch screen     Yes; Projective-capacitive	
Monitor keyboard     Yes	
Installation type/mounting	
Design Pedestal mounting	
Front mounting No	
Support arm mounting No	

Other all as a sum time.	
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	
Current consumption (rated value)	1 A
Current consumption, max.	1.3 A
Starting current inrush I <sup>2</sup> t	0.5 A <sup>2</sup> ·s
Power loss	
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	
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	
Standards, approvals, certificates Certificate of suitability	hazardous zone 2/22: shipbuilding
Certificate of suitability	hazardous zone 2/22; shipbuilding Yes
Certificate of suitability CE mark	Yes
Certificate of suitability CE mark UL approval	Yes
Certificate of suitability CE mark UL approval cULus	Yes Yes Yes; Corresponds to UL 508
Certificate of suitability CE mark UL approval cULus FM approval	Yes Yes Yes; Corresponds to UL 508 Available soon
Certificate of suitability CE mark UL approval cULus FM approval RCM (formerly C-TICK)	Yes Yes Yes; Corresponds to UL 508 Available soon Yes
Certificate of suitability CE mark UL approval cULus FM approval RCM (formerly C-TICK) EAC (formerly Gost-R)	Yes Yes Yes; Corresponds to UL 508 Available soon Yes Yes
Certificate of suitability CE mark UL approval cULus FM approval RCM (formerly C-TICK) EAC (formerly Gost-R) EMC	Yes Yes Yes; Corresponds to UL 508 Available soon Yes
Certificate of suitability CE mark UL approval cULus FM approval RCM (formerly C-TICK) EAC (formerly Gost-R) EMC Use in hazardous areas	Yes Yes Yes; Corresponds to UL 508 Available soon Yes Yes CE, EN 55011, EN 61000-6-4, EN 61000-6-2
Certificate of suitability CE mark UL approval cULus FM approval RCM (formerly C-TICK) EAC (formerly Gost-R) EMC Use in hazardous areas • ATEX Zone 2	Yes Yes Yes; Corresponds to UL 508 Available soon Yes Yes CE, EN 55011, EN 61000-6-4, EN 61000-6-2 Yes
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Certificate of suitability CE mark UL approval cULus FM approval RCM (formerly C-TICK) EAC (formerly Gost-R) EMC Use in hazardous areas • ATEX Zone 2 • IECEx Zone 2 • IECEx Zone 2 • IECEx Zone 22 • FM Class I Division 2 Ambient conditions Ambient temperature during operation	Yes Yes Yes; Corresponds to UL 508 Available soon Yes Yes CE, EN 55011, EN 61000-6-4, EN 61000-6-2 Yes Yes Yes Yes Yes No
Certificate of suitability CE mark UL approval cULus FM approval RCM (formerly C-TICK) EAC (formerly Gost-R) EMC Use in hazardous areas • ATEX Zone 2 • ATEX Zone 22 • IECEx Zone 22 • IECEx Zone 22 • FM Class I Division 2 Ambient conditions Ambient temperature during operation • min.	Yes Yes; Corresponds to UL 508 Available soon Yes Yes CE, EN 55011, EN 61000-6-4, EN 61000-6-2 Yes Yes Yes Yes Yes No
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Certificate of suitability CE mark UL approval cULus FM approval RCM (formerly C-TICK) EAC (formerly Gost-R) EMC Use in hazardous areas • ATEX Zone 2 • IECEx Zone 2 • IECEx Zone 22 • IECEx Zone 22 • FM Class I Division 2 Ambient temperature during operation • min. • max. Ambient temperature during storage/transportation	Yes Yes; Corresponds to UL 508 Available soon Yes Yes Yes CE, EN 55011, EN 61000-6-4, EN 61000-6-2 Yes Yes Yes Yes No
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Certificate of suitability CE mark UL approval cULus FM approval RCM (formerly C-TICK) EAC (formerly Gost-R) EMC Use in hazardous areas • ATEX Zone 2 • ATEX Zone 22 • IECEx Zone 22 • IECEx Zone 22 • IECEx Zone 22 • FM Class I Division 2 Ambient conditions Ambient temperature during operation • min. • max. Ambient temperature during storage/transportation • min. • max.	Yes Yes; Corresponds to UL 508 Available soon Yes Yes Yes CE, EN 55011, EN 61000-6-4, EN 61000-6-2 Yes Yes Yes Yes No
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Certificate of suitability CE mark UL approval cULus FM approval RCM (formerly C-TICK) EAC (formerly Gost-R) EMC Use in hazardous areas • ATEX Zone 2 • ATEX Zone 22 • IECEx Zone 22 • IECEx Zone 22 • FM Class I Division 2 Ambient conditions Ambient temperature during operation • min. • max. Ambient temperature during storage/transportation • min. • max. Attitude during operation relating to sea level • Installation altitude above sea level, max.	Yes         Yes; Corresponds to UL 508         Available soon         Yes         Yes         Yes         CE, EN 55011, EN 61000-6-4, EN 61000-6-2         Yes         Yes
Certificate of suitability CE mark UL approval cULus FM approval RCM (formerly C-TICK) EAC (formerly Gost-R) EMC Use in hazardous areas • ATEX Zone 2 • ATEX Zone 22 • IECEx Zone 22 • IECEx Zone 22 • FM Class I Division 2 Ambient conditions Ambient temperature during operation • min. • max. Ambient temperature during storage/transportation • min. • max. Attitude during operation relating to sea level • Installation altitude above sea level, max. Relative humidity	Yes         Yes; Corresponds to UL 508         Available soon         Yes         Yes         CE, EN 55011, EN 61000-6-4, EN 61000-6-2         Yes         No         -20 °C         60 °C         3 500 m
Certificate of suitability CE mark UL approval cULus FM approval RCM (formerly C-TICK) EAC (formerly Gost-R) EMC Use in hazardous areas • ATEX Zone 2 • ATEX Zone 22 • IECEx Zone 22 • IECEx Zone 22 • FM Class I Division 2 Ambient temperature during operation • min. • max. Ambient temperature during storage/transportation • min. • max. Ambient temperation relating to sea level • Installation altitude above sea level, max. Relative humidity • Operation, max.	Yes Yes Yes; Corresponds to UL 508 Available soon Yes Yes CE, EN 55011, EN 61000-6-4, EN 61000-6-2 Yes Yes Yes Yes No 0 °C 45 °C -20 °C 60 °C
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Certificate of suitability CE mark UL approval cULus FM approval RCM (formerly C-TICK) EAC (formerly Gost-R) EMC Use in hazardous areas • ATEX Zone 2 • ATEX Zone 22 • IECEx Zone 22 • IECEx Zone 22 • FM Class I Division 2 Ambient conditions Ambient temperature during operation • min. • max. Ambient temperature during storage/transportation • min. • max. Attitude during operation relating to sea level • Installation altitude above sea level, max. Relative humidity • Operation, max. Vibrations • Vibration load in operation	Yes         Yes         Yes; Corresponds to UL 508         Available soon         Yes         Yes         Yes         CE, EN 55011, EN 61000-6-4, EN 61000-6-2         Yes         No         O°C         45 °C         -20 °C         60 °C         3 500 m         95 %; no condensation         1 gn
Certificate of suitability CE mark UL approval cULus FM approval RCM (formerly C-TICK) EAC (formerly Gost-R) EMC Use in hazardous areas • ATEX Zone 2 • ATEX Zone 2 • IECEx Zone 2 • IECEx Zone 22 • IECEx Zone 22 • FM Class I Division 2 Ambient conditions Ambient temperature during operation • min. • max. Ambient temperature during storage/transportation • min. • max. Ambient temperature during to sea level • Installation altitude above sea level, max. Relative humidity • Operation, max. Vibrations	Yes         Yes         Yes; Corresponds to UL 508         Available soon         Yes         Yes         CE, EN 55011, EN 61000-6-4, EN 61000-6-2         Yes         Yes

<ul> <li>Shock load during operation</li> </ul>	15 gn	
<ul> <li>shock acceleration during storage/transport</li> </ul>	15 gn	
Mechanics/material		
Enclosure material (front)	With neutral design	
Aluminum	Yes	
Aluminum casting	Yes	
• Glass	Yes; at front	
Enclosure material (rear)	aluminum	
Dimensions		
Width	527 mm	
Height	329 mm; Without basic adapter	
Depth	93.7 mm; Without basic adapter	
Width of the housing front	527 mm	
Height of housing front	329 mm	
Weights		
Weight (without packaging)	7.6 kg	
Weight (with packaging)	8.4 kg	

last modified:

5/31/2023 🖸