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## Data sheet 6AV7863-4MA00-0AA0

SIMATIC IFP2200 Flat Panel 22" display (16: 9), Multitouch, Standard up to 5 m, 1920x 1080 pixels, for 24 V DC, display port/DVI interface incl. DVI/USB cable 1.8 m



Figure similar

| | |
|---|---|
| **General information** | |
| Product type designation | IFP2200 |
| Short designation | Flat Panel 22" multi-touch |
| **Display** | |
| Design of display | TFT widescreen display, LED backlighting |
| Screen diagonal | 21.5 in; 22" |
| 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 |
| Viewing angle | 170° x 170° |
| Resolution (pixels) | |
| ● Image resolution | 1 920 x 1 080 |
| ● Horizontal image resolution | 1 920 pixel |
| ● Vertical image resolution | 1 080 pixel |
| ● Pixel size, horizontal | 0.2475 mm |
| ● Pixel size, vertical | 0.2475 mm |
| General features | |
| ● Brightness/contrast | 250 cd/m² / 1 000:1 |
| ● non-reflective and tempered mineral glass screen | Yes |
| ● Detachable from computer unit | 5 m |
| ● 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** | |
| 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 |
| ● Monitor keyboard | Yes |
| **Installation type/mounting** | |
| Design | Built-in unit |
| Front mounting | Yes |
| Built-in unit | Yes; Portrait mode possible |
| maximum permitted forward tilt angle from vertical | 35° |


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| | |
|---|---|
| maximum permitted backward tilt angle from vertical | 35° |
| **Supply voltage** | |
| Type of supply voltage | DC |
| Rated value (DC) | 24 V; PELV |
| 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** | |
| Video interfaces | |
| ● DVI-D | Yes |
| ● DisplayPort | Yes; DisplayPort V1.1 |
| Touch interfaces | |
| ● USB | Yes |
| **Degree and class of protection** | |
| IP (at the front) | IP65 |
| IP (rear) | IP20 |
| NEMA (front) | |
| ● Enclosure Type 4 at the front | Yes |
| ● Enclosure Type 4x at the front | Yes |
| ● Enclosure Type 12 at the front | Yes |
| **Standards, approvals, certificates** | |
| CE mark | Yes |
| cULus | Yes; Corresponds to UL 508 |
| RCM (formerly C-TICK) | Yes |
| KC approval | Yes |
| Use in hazardous areas | |
| ● ATEX Zone 2 | Yes; in preparation |
| ● ATEX Zone 22 | Yes; in preparation |
| ● FM Class I Division 2 | Yes |
| Marine approval | |
| ● Germanischer Lloyd (GL) | Yes; in preparation |
| ● American Bureau of Shipping (ABS) | Yes; in preparation |
| ● Bureau Veritas (BV) | Yes; in preparation |
| ● Det Norske Veritas (DNV) | Yes; in preparation |
| ● Lloyds Register of Shipping (LRS) | Yes; in preparation |
| ● Nippon Kaiji Kyokai (Class NK) | Yes; in preparation |
| **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 |
| Relative humidity | |
| ● Operation, max. | 95 %; no condensation |
| 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 | 560 mm |
| Height of housing front | 380 mm |
| Mounting cutout, width | 542 mm; Tolerance: +1 mm |


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| | |
|---|---|
| Mounting cutout, height | 362 mm; Tolerance: +1 mm |
| Overall depth | 62.5 mm |

## Weights

| | |
|---|---|
| Weight (without packaging) | 6.5 kg |
| Weight (with packaging) | 7.6 kg |

## Classifications

| | Version | Classification |
|---|---|---|
| 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 | 9 | EC001428 |
| ETIM | 8 | EC001428 |
| ETIM | 7 | EC001428 |
| IDEA | 4 | 6675 |
| UNSPSC | 15 | 43-21-19-02 |

## Approvals / Certificates

### General Product Approval

Miscellaneous | Manufacturer Declaration | KC

### General Product Approval | EMV | For use in hazardous locations

FM

### For use in hazardous locations | Marine / Shipping

Miscellaneous

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