SIEMENS

## Data sheet 6AV7862-2BD00-0AA0



SIMATIC IFP1500 Basic Flat Panel 15" display (16:9) Touch, 1366 x 768 pixels, standard up to 5 m, for 24V DC, DisplayPort/VGA interface

| | |
|---|---|
| **General information** | |
| Product type designation | IFP1500 Basic |
| Short designation | Basic Flat Panel 15" Touch |
| **Display** | |
| Design of display | TFT display, LED backlighting |
| Screen diagonal | 15.6 in; 15" |
| On Screen Display (OSD) configuration | No |
| Number of colors | 16 000 000; 16 million |
| Resolution (pixels) | |
| ● Image resolution | 1 366 x 768 |
| ● Horizontal image resolution | 1 366 pixel |
| ● Vertical image resolution | 768 pixel |
| General features | |
| ● Detachable from computer unit | 5 m |
| Backlighting | |
| ● Type of backlighting | LED |
| ● MTBF backlighting (at 25 °C) | 50 000 h |
| ● Backlight dimmable | Yes; 0-100 % |
| **Control elements** | |
| Control elements | single-touch screen |
| Input device | |
| ● Integrated mouse cursor control | No |
| Touch operation | |
| ● Design as touch screen | Yes; Analog-resistive |
| **Installation type/mounting** | |
| Design | Built-in unit |
| Front mounting | Yes |
| VESA mounting | Yes; VESA 100 x 100 integrated |
| Mounting in portrait format possible | Yes |
| Mounting in landscape format possible | Yes |
| Built-in unit | Yes; Portrait mode possible |
| 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 |
| permissible range, lower limit (DC) | 20.4 V |
| permissible range, upper limit (DC) | 28.8 V |
| **Power loss** | |
| Power loss, typ. | 17 W |


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| | |
|---|---|
| Power loss, max. | 60 W |
| **Interfaces** | |
| Number of USB interfaces | 2; USB 2.0 (downstream) |
| USB on the rear | Yes; 2x onboard |
| Video interfaces | |
| ● DisplayPort | Yes |
| Touch interfaces | |
| ● USB | Yes; USB Type A |
| **Degree and class of protection** | |
| IP (at the front) | IP65 |
| **Standards, approvals, certificates** | |
| CE mark | Yes |
| cULus | Yes; UL 61010-1, UL 61010-2-201 |
| RCM (formerly C-TICK) | Yes |
| KC approval | Yes |
| EAC (formerly Gost-R) | Yes |
| FCC | Yes |
| **Ambient conditions** | |
| Ambient temperature during operation | |
| ● min. | 0 °C |
| ● max. | 45 °C |
| Ambient temperature during storage/transportation | |
| ● min. | -20 °C |
| ● max. | 60 °C |
| Relative humidity | |
| ● Operation, max. | 85 % |
| Vibrations | |
| ● Vibration load in operation | 5 m/s² |
| ● Vibration load during transport/storage | 10 m/s² |
| Shock testing | |
| ● Shock load during operation | 150 m/s² |
| ● shock acceleration during storage/transport | 250 m/s² |
| **Mechanics/material** | |
| Enclosure material (front) | |
| ● Aluminum | Yes |
| **Dimensions** | |
| Width of the housing front | 406 mm |
| Height of housing front | 258 mm |
| Mounting cutout, width | 388 mm |
| Mounting cutout, height | 241 mm |
| Overall depth | 59 mm |
| **Weights** | |
| Weight (without packaging) | 4.1 kg |

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