

Data sheet

6AV7863-2MA00-0SA0

*** spare part *** SIMATIC IFP1500 Flat Panel 15" display (16: 9), multi-touch, Standard up to 5 m, 1366x 768 pixels, for 24 V DC, display port/DVI interface incl. DVI/USB cable 1.8 m marine approval



Figure similar

| General information | |
|---|--|
| Product type designation | IFP1500 |
| Short designation | Flat Panel 15" multi-touch ext. marine |
| Display | |
| Design of display | TFT widescreen display, LED backlighting |
| Screen diagonal | 15.6 in; 15" |
| Screen diagonal [cm] | 40 cm |
| Display width | 344.2 mm |
| Display height | 193.5 mm |
| On Screen Display (OSD) configuration | No; Adjustable by means of software |
| Number of colors | 16 777 216 |
| Viewing angle | 160° x 160° |
| Resolution (pixels) | |
| • Image resolution | 1 366 x 768 |
| • Horizontal image resolution | 1 366 pixel |
| • Vertical image resolution | 768 pixel |
| • Pixel size, horizontal | 0.252 mm |
| • Pixel size, vertical | 0.252 mm |
| General features | |
| • Brightness/contrast | 400 cd/m ² / 900:1 |
| • Detachable from computer unit | 5 m |
| • Luminance | 400 cd/m ² |
| Backlighting | |
| • Type of backlighting | LED |
| • MTBF backlighting (at 25 °C) | 70 000 h; At 25°C |
| • Backlight dimmable | Yes; 0-100 % |
| Control elements | |
| Control elements | multi-touch screen |
| Input device | |
| • Integrated mouse cursor control | No |
| 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° |
| maximum permitted backward tilt angle from vertical | 35° |

| Supply voltage | |
|---|---|
| Type of supply voltage | DC |
| Rated value (DC) | 24 V |
| 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. | 60 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 |
| EAC (formerly Gost-R) | Yes |
| Use in hazardous areas | |
| • ATEX Zone 2 | Yes |
| • ATEX Zone 22 | Yes |
| • FM Class I Division 2 | Yes |
| Marine approval | |
| • Germanischer Lloyd (GL) | Yes |
| • American Bureau of Shipping (ABS) | Yes |
| • Bureau Veritas (BV) | Yes |
| • Det Norske Veritas (DNV) | Yes |
| • Lloyds Register of Shipping (LRS) | Yes |
| • Nippon Kaiji Kyokai (Class NK) | Yes |
| Ambient conditions | |
| Ambient temperature during operation | |
| • min. | 0 °C |
| • max. | 50 °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/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 | 150 m/s ² |
| Dimensions | |
| Width of the housing front | 416.5 mm |
| Height of housing front | 298 mm |
| Mounting cutout, width | 398 mm; Tolerance: +1 mm |
| Mounting cutout, height | 279 mm; Tolerance: +1 mm |
| Overall depth | 62.5 mm |
| Weights | |

| | |
|----------------------------|--------|
| Weight (without packaging) | 4.2 kg |
| Weight (with packaging) | 5.3 kg |

last modified: 3/12/2024 