

SIMATIC FLAT PANEL 15T EXTENDED 15 INCH TOUCH TFT-DISPLAY WITH 1024X768 PIXEL RESOLUTION 24V DC AND 120/240V AC, VGA, DVI-D INTERFACE, CABLE LENGTH UP TO 30M

| General information                                            |                                          |
|----------------------------------------------------------------|------------------------------------------|
| Product type designation                                       | Flat panel monitors                      |
| Display                                                        |                                          |
| Design of display                                              | TFT widescreen display, LED backlighting |
| Screen diagonal                                                | 15 in                                    |
| visible area (HxV) in mm                                       | 304 x 228                                |
| Viewing angle                                                  | 100° x 90° (min)                         |
| On Screen Display (OSD) configuration                          | Yes                                      |
| Number of colors (bit levels)                                  | 16.2 million                             |
| Number of colors                                               | 16 000 000; 16.2 million                 |
| Resolution (pixels)                                            |                                          |
| • Horizontal image resolution                                  | 1 024 Pixel                              |
| • Vertical image resolution                                    | 768 Pixel                                |
| • Resolution (WxH in pixel)                                    | 1024 x 768                               |
| General features                                               |                                          |
| • Brightness/contrast                                          | > 260 cd/m <sup>2</sup> / 350:1          |
| Backlighting                                                   |                                          |
| • Type of backlighting                                         | LED, dimmable                            |
| • MTBF backlighting (up to 50%, at 25 °C)                      | 50 000 h; At 25°C                        |
| • Backlight dimmable                                           | Yes; 0-100 %                             |
| Control elements                                               |                                          |
| Input device                                                   |                                          |
| • integrated mouse cursor control                              | No                                       |
| Installation type/mounting                                     |                                          |
| Design                                                         | Built-in unit                            |
| Rack mounting possible                                         | Yes                                      |
| Built-in unit                                                  | Yes; Portrait mode possible              |
| • permissible angle to the vertical backward (console)         | 70°; max. 40°C                           |
| • permissible angle to the vertical forward (ceiling mounting) | 35°; max. 40°C                           |
| VESA mounting                                                  | No                                       |
| Supply voltage                                                 |                                          |

|                                     |        |
|-------------------------------------|--------|
| Type of supply voltage              | AC/DC  |
| permissible range, lower limit (DC) | 19.2 V |
| permissible range, upper limit (DC) | 28.8 V |
| permissible range, lower limit (AC) | 90 V   |
| permissible range, upper limit (AC) | 264 V  |

## Interfaces

### Video interfaces

- analog video signal (VGA) Yes

## Degree and class of protection

|               |                                                   |
|---------------|---------------------------------------------------|
| IP54 at front | Yes; For screw mounting in 19" rack               |
| IP65 at front | Yes; if mounted with the supplied latch fasteners |

## Standards, approvals, certificates

|                       |     |
|-----------------------|-----|
| UL approval           | Yes |
| EAC (formerly Gost-R) | No  |

### Marine approval

- Germanischer Lloyd (GL) Yes; Optional
- American Bureau of Shipping (ABS) Yes; Optional
- Bureau Veritas (BV) Yes; Optional
- Det Norske Veritas (DNV) Yes; Optional
- Lloyds Register of Shipping (LRS) Yes; Optional

## Ambient conditions

|                                      |       |
|--------------------------------------|-------|
| Ambient temperature during operation |       |
| • min.                               | 0 °C  |
| • max.                               | 50 °C |

## Mechanics/material

|                            |     |
|----------------------------|-----|
| Enclosure material (front) |     |
| • Aluminum                 | Yes |

## Dimensions

|                            |        |
|----------------------------|--------|
| Width of the housing front | 483 mm |
| Height of housing front    | 310 mm |
| Mounting cutout, width     | 450 mm |
| Mounting cutout, height    | 290 mm |
| Overall depth              | 55 mm  |

**last modified:** 01.06.2016