

SIMATIC FLAT PANEL 19, 19 INCH TFT- DISPLAY WITH
1280X1024 PIXEL RESOLUTION 24V DC AND 120/240V AC, VGA,
DVI-D INTERFACE, INCL. VGA-CABLE 1,8M

General information	
Product type designation	Flat panel monitors
Display	
Design of display	TFT widescreen display, LED backlighting
Screen diagonal	19 in
visible area (HxV) in mm	376 x 301
Viewing angle	170° x 170°
On Screen Display (OSD) configuration	Yes
Number of colors	16 000 000; 16.7 million
Number of colors (bit levels)	16.7 million
Resolution (pixels)	
• Resolution (WxH in pixel)	1280 x 1024
• Horizontal image resolution	1 280 Pixel
• Vertical image resolution	1 024 Pixel
General features	
• Brightness/contrast	> 300 cd/m ² / 300:1
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
Keyboard fonts	
• Function keys	No
— Number of function keys	0
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
IP20 rear	Yes
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.	45 °C
Mechanics/material	
Enclosure material (front)	
• Aluminum	Yes
Dimensions	
Width of the housing front	483 mm
Height of housing front	400 mm
Mounting cutout, width	450 mm
Mounting cutout, height	380 mm
Overall depth	57 mm
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