

SIMATIC Flat Panel 19T, 19-inch touch TFT screen with 1280x 1024 pixels resolution for 24 V DC, VGA, DVI-D interface, incl. VGA cable 1.8 m



Display	
Design of display	TFT display, LED backlighting
Screen diagonal	19 in
Display width	376.3 mm
Display height	301.1 mm
On Screen Display (OSD) configuration	Yes
Number of colors	16 000 000; 16.7 million
Viewing angle	170° x 170°
Resolution (pixels)	
• 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 (at 25 °C)	50 000 h; At 25°C
• Backlight dimmable	Yes; 0-100 %
Control elements	

Control elements	Touch
Input device	
• Integrated mouse cursor control	No
Keyboard fonts	
• Function keys	No
— Number of function keys	0
Touch operation	
• Design as touch screen	Yes
Installation type/mounting	
Design	Built-in unit
VESA mounting	No
Built-in unit	Yes; Portrait mode possible
maximum permitted forward tilt angle from vertical	35°; max. 40°C
maximum permitted backward tilt angle from vertical	70°; max. 40°C
Supply voltage	
Type of supply voltage	DC
permissible range, lower limit (DC)	19.2 V
permissible range, upper limit (DC)	28.8 V
Interfaces	
Video interfaces	
• analog video signal (VGA)	Yes
Degree and class of protection	
IP (at the front)	IP65
• IP54 at front	Yes; For screw mounting in 19" rack
• IP65 at front	Yes; if mounted with the supplied latch fasteners
Standards, approvals, certificates	
CE mark	Yes
CSA approval	Yes
UL approval	Yes
EAC (formerly Gost-R)	No
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
• Polski Rejestr Statkow (PRS)	Yes
Ambient conditions	
Ambient temperature during operation	
• min.	0 °C

• max.	45 °C
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Ambient temperature during storage/transportation

• min.	-20 °C
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• max.	70 °C
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Mechanics/material

Enclosure material (front)

• Aluminum	Yes
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Dimensions

Width of the housing front	483 mm
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Height of housing front	400 mm
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Mounting cutout, width	450 mm
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Mounting cutout, height	380 mm
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Overall depth	57 mm
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last modified:	01/29/2020 
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