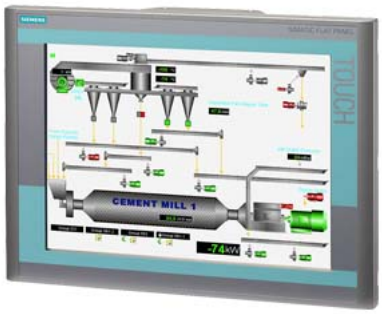
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Data sheet 6AV7861-5TB10-1BA0



SIMATIC Flat Panel pro 15-inch Touch TFT screen with 1024x 768 pixels resolution for 24 V DC and 120/240 V AC VGA, DVI-D interface, can be placed up to 30 m away Fully enclosed IP65/NEMA4

General information	
Product type designation	Flat Panel PRO
Display	
Design of display	TFT
Screen diagonal	15 in; 15"
Display width	304.1 mm
Display height	228.1 mm
On Screen Display (OSD) configuration	Yes
Number of colors	16 000 000; 16.7 million
Viewing angle	160° x 160°
Resolution (pixels)	
● Image resolution	1 024 x 768
● Horizontal image resolution	1 024 pixel
● Vertical image resolution	768 pixel
General features	
● Brightness/contrast	> 260 cd/m² / 350:1
● Detachable from computer unit	30 m
Control elements	
Control elements	single-touch screen
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	Support arm mounting
Front mounting	No
VESA mounting	Yes
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	

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USB on the rear	Yes
Video interfaces	
● analog video signal (VGA)	Yes
● DVI-D	Yes
Degree and class of protection	
IP (at the front)	IP65
IP (rear)	IP65
Standards, approvals, certificates	
UL approval	Yes
EAC (formerly Gost-R)	No
SIBE safety certification	No
Marine approval	
● Germanischer Lloyd (GL)	No
● American Bureau of Shipping (ABS)	No
● Bureau Veritas (BV)	No
● Det Norske Veritas (DNV)	No
● Lloyds Register of Shipping (LRS)	No
● Polski Rejestr Statkow (PRS)	No
Ambient conditions	
Ambient temperature during operation	
● min.	0 °C
● max.	45 °C
Dimensions	
Width of the housing front	400 mm
Height of housing front	310 mm
Overall depth	98.5 mm

last modified: 12/16/2020

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