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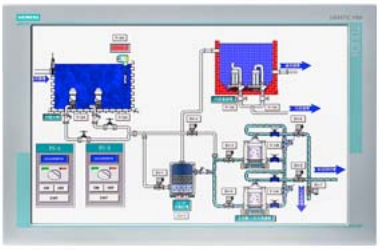
Data sheet 6AV7862-2TA00-1AA0

*** spare part *** SIMATIC HMI SCD1900 industrial operating unit 19-inch wide touch screen with 1440x 900 pixels resolution for 24 V DC VGA, DVI-D interface, including DVI cable 1.8 m



General information	
Product type designation	SCD1900
Short designation	Flat Panel 19" touch
Display	
Design of display	TFT widescreen display, LED backlighting
Screen diagonal	18.5 in; 19"
Display width	255 mm
Display height	408 mm
On Screen Display (OSD) configuration	Yes
Number of colors	16 777 216; 24 bit
Viewing angle	160° x 170°
Resolution (pixels)	
● Image resolution	1 440 x 900
● Horizontal image resolution	1 440 pixel
● Vertical image resolution	900 pixel
General features	
● Brightness/contrast	300 cd/m² / 1 000:1
● Detachable from computer unit	5 m
● Luminance	300 cd/m²
Backlighting	
● Type of backlighting	LED
● MTBF backlighting (at 25 °C)	50 000 h; At 25°C
Control elements	
Control elements	single-touch screen
Input device	
● Integrated mouse cursor control	No
Touch operation	
● Design as touch screen	Yes; Analog-resistive
● Monitor keyboard	Yes
Installation type/mounting	
Design	Built-in unit
Front mounting	Yes
VESA mounting	No
Built-in unit	Yes
Supply voltage	
Type of supply voltage	DC
permissible range, lower limit (DC)	18 V
permissible range, upper limit (DC)	36 V
Interfaces	
Video interfaces	

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● DVI-D	Yes
Touch interfaces	
● USB	Yes
Degree and class of protection	
IP (at the front)	IP65
IP (rear)	IP20
Standards, approvals, certificates	
CE mark	Yes; Industry
UL approval	Yes
cULus	Yes
Ambient conditions	
Ambient temperature during operation	
● min.	5 °C
● max.	40 °C
Ambient temperature during storage/transportation	
● min.	-20 °C
● max.	60 °C
Shock testing	
● Shock load during operation	100 m/s²
● shock acceleration during storage/transport	100 m/s²
Mechanics/material	
Enclosure material (front)	
● Aluminum	Yes
Dimensions	
Width of the housing front	483 mm
Height of housing front	310 mm
Overall depth	67 mm
Weights	
Weight (without packaging)	6 kg

Classifications

	Version	Classification
eClass	14	19-20-02-01
eClass	12	19-20-02-01
eClass	9.1	19-20-02-01
eClass	9	19-20-02-01
eClass	8	19-20-02-01
eClass	7.1	19-20-02-01
eClass	6	19-20-02-01
ETIM	9	EC001428
ETIM	8	EC001428
ETIM	7	EC001428
IDEA	4	6675
UNSPSC	15	43-21-19-02

Approvals / Certificates

General Product Approval

CCC

Manufacturer Declaration

EG-Konf.

KC

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