MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

SIEMENS

6AV6545-0AA15-2AX0

SIMATIC TP070 TOUCH PANEL

Used with the applicable SIMATIC HMI TP070 configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: Siemens technical documentation for 6AV6545-0AA15-2AX0

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Data sheet 6AV6545-0AA15-2AX0

Spare part SIMATIC Touch Panel TP070 5.7" STN display
Resistive analog touch

Display	
Design of display	STN, 4 blue levels
Screen diagonal	5.7 in
Resolution (pixels)	
• Horizontal image resolution	320 Pixel
• Vertical image resolution	240 Pixel
Backlighting	
• MTBF backlighting (at 25 °C)	50 000 h
Control elements	
Control elements	Touch screen
Keyboard fonts	
• Function keys	No
• System keys	No
• Numeric keyboard	Yes
• alphanumeric keyboard	No
• hexadecimal keyboard	Yes
• Multi-key operation	No
Touch operation	
• Design as touch screen	Yes; analog, resistive
Connection type	
• Type of connection for mouse/keyboard/barcode reader	- / - / -
Installation type/mounting	
Mounting position	vertical
maximum permissible angle of inclination without external ventilation	35°
Input current	
Current consumption (rated value)	0.24 A
Processor	
Processor type	RISC 32 bit
Memory	
Type of memory	Flash / RAM
Memory available for user data	128 kbyte
Type of output	

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Info LED	No
Power LED	No
Error LED	No
Time of day	
Clock	
• Type	Software clock, no battery backup
• retentive	No
Interfaces	
Interfaces/bus type	1x RS 485 (max. 19.2 kbit/s)
PC card slot	No
CF card slot	No
Degree and class of protection	
IP (at the front)	IP65
IP (rear)	IP20
Standards, approvals, certificates	
Certifications	CE, FM Class I Div. 2, UL, CSA, cULus
Ambient conditions	
Ambient temperature during storage/transportation	
• min.	-20 °C
• max.	60 °C
Relative humidity	
• Operation, max.	85 %
Operating systems	
pre-installed operating system	Windows CE
Configuration	
Configuration software	
• Configuration tool	MicroWin / TP Designer Version 1 and higher (to be ordered separately)
Dimensions	
Width of the housing front	212 mm
Height of housing front	156 mm
Overall depth	45 mm
Weights	
Weight (without packaging)	0.7 kg
Other	
free hotline	Yes
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