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Data sheet 6AV3627-1QK00-2AX0

TOUCH PANEL TP27-6 6" STN COLOR LC DISPLAY PCMCIA, 1 MB FLASH-EPROM

General information	
Customer-specific configuration	No
Display	
Design of display	STN, 8 colors
Screen diagonal	5.7 in
graphics-enabled	Yes
Resolution (pixels)	
• Horizontal image resolution	240 Pixel
• Vertical image resolution	320 Pixel
Backlighting	
• MTBF backlighting (at 25 °C)	40 000 h
Control elements	
Control elements	Touch
Keyboard fonts	
• Membrane keyboard	No
— user-definable label membrane keys	No
• Function keys	No
• System keys	
— Number of system keys	0
• Numeric keyboard	Yes
• alphanumeric keyboard	Yes
• hexadecimal keyboard	Yes
• Multi-key operation	No
Touch operation	
• Design as touch screen	Yes; Matrix, 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°
Supply voltage	
Type of supply voltage	18 V DC

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UPS connectable (serial)	No
Input current	
Current consumption (rated value)	0.4 A
Power	
Active power input, typ.	10 W
Processor	
Processor type	X86, 33 MHz
Drives	
Diskette drive	No
CD-ROM	No
Hard disk	No
Memory	
Type of memory	Flash / RAM
Memory available for user data	1 024 kbyte
Battery	
Backup battery	
• Backup battery (optional)	Yes; optional 3.6 V
• Backup time, min.	4 y
Type of output	
Info LED	No
Power LED	No
Time of day	
Clock	
• Type	Hardware clock, battery backup, synchronizable
• retentive	Yes
• synchronizable	Yes
Interfaces	
Interfaces/bus type	1 x TTY, 2 x RS232, 1 x RS422, 1 x RS485 (max. 12 Mbit/s)
Number of RS 485 interfaces	1
• Transmission rate, max.	12 Mbit/s
USB port	No
PC card slot	1 x PC card slot
CF card slot	No
Special interfaces	No
Industrial Ethernet	
• Industrial Ethernet interface	No
Protocols	
PROFIBUS	Yes
MPI	Yes

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AS-Interface	No
Further protocols	
• MODBUS	No
• other bus systems	No
Degree and class of protection	
IP (at the front)	IP65
IP (rear)	IP20
Standards, approvals, certificates	
Certifications	PRS, FM Class I Div. 2, UL, EX Zone 22
Ambient conditions	
Ambient temperature during storage/transportation	
• min.	-20 °C
• max.	60 °C
Relative humidity	
• Operation, max.	85 %
Operating systems	
pre-installed operating system	Rmos
Configuration	
Message indicator	Yes
Alarm system (incl. buffer and acknowledgment)	No
Process value display (output)	No
Process value default (input) possible	No
Recipe management	No
Configuration software	
• Configuration tool	ProTool Version 3.1 or higher (to be ordered separately)
Peripherals/Options	
Additional software components loadable	No
Dimensions	
Width of the housing front	212 mm
Height of housing front	156 mm
Overall depth	65 mm
Weights	
Weight (without packaging)	1.5 kg
Other	
free hotline	Yes
Warranty period	1 y
last modified:	04/25/2018

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