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Data sheet 6AV3607-1JC20-0AX1

Spare part Operator panel OP7/DP LC display, LED backlit 4-tier, 20 characters/line, SIMATIC S7, M7, PROFIBUS DP 1.5 Mbaud with UL/CSA approval

General information	
Customer-specific configuration	No
Display	
Design of display	LC display, black/white
graphics-enabled	No
Line display	
• Number of lines	4
• Number of characters per line	20
Backlighting	
• MTBF backlighting (at 25 °C)	100 000 h
Control elements	
Control elements	Keys
Keyboard fonts	
• Membrane keyboard	Yes
— user-definable label membrane keys	Yes
• Function keys	
— Number of function keys	8
— Number of function keys with LEDs	4
• System keys	
— Number of system keys	22
• Numeric keyboard	Yes
• alphanumeric keyboard	Yes
• hexadecimal keyboard	Yes
• Multi-key operation	No
Touch operation	
• Design as touch screen	No
Installation type/mounting	
Mounting position	vertical
maximum permissible angle of inclination without external ventilation	90°
Supply voltage	
Type of supply voltage	24 V DC
UPS connectable (serial)	No

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Input current	
Current consumption (rated value)	0.19 A
Processor	
Processor type	X86
Drives	
Diskette drive	Yes
CD-ROM	No
Hard disk	No
Memory	
Type of memory	Flash / RAM
Memory available for user data	128 kbyte
Type of output	
Info LED	Yes
Power LED	No
Error LED	No
Time of day	
Clock	
• Type	Software clock, synchronizable, no battery backup
• retentive	No
• synchronizable	Yes
Interfaces	
Interfaces/bus type	1x RS 232, 1x RS 422, 1x RS 485 (max. 1.5 Mbit/s)
Number of RS 485 interfaces	1
Number of parallel interfaces	1
USB port	No
PC card slot	No
CF card slot	No
Special interfaces	No
Degree and class of protection	
IP (at the front)	IP65
IP (rear)	IP20
Standards, approvals, certificates	
Certificate of suitability	CE, GL, BV, DNV, LRS, PRS, FM Class I Div. 2, UL, CSA, cULus, EX zone 2/22
Ambient conditions	
Ambient temperature during storage/transportation	
• min.	-25 °C
• max.	70 °C
Relative humidity	

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• Operation, max.	95 %

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 / Lite Version 2.51 or higher or Version 1 (to be ordered separately)

Peripherals/Options	
Additional software components loadable	No

Dimensions	
Width of the housing front	144 mm
Height of housing front	180 mm
Overall depth	38.5 mm

Weights	
Weight (without packaging)	0.43 kg

Other	
free hotline	Yes

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