

OPERATOR PANEL OP27 STN COLOR LC DISPLAY

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	Keys
Keyboard fonts	
• Membrane keyboard	Yes
— user-definable label membrane keys	Yes
• Function keys	
— Number of function keys	24
— Number of function keys with LEDs	18
• System keys	
— Number of system keys	24
• 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	35°
Supply voltage	
Type of supply voltage	24 V DC
UPS connectable (serial)	No
Input current	
Current consumption (rated value)	0.3 A

Power	
Active power input, typ.	8 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	512 kbyte
Battery	
Backup battery	
• Backup battery (optional)	Yes; Lithium-ion
• Backup time, min.	4 y
Type of output	
Info LED	Yes
Power LED	No
Time of day	
Clock	
• Type	Hardware clock, battery backup, synchronizable
• retentive	Yes
• synchronizable	Yes
Interfaces	
Interfaces/bus type	1x TTY, 2x RS 232, 1x RS 422, 1x RS 485 (max. 12 Mbit/s)
Number of RS 485 interfaces	1
USB port	No
PC card slot	1x PC card slot
CF card slot	No
Special interfaces	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.	95 %
Operating systems	
pre-installed operating system	Rmos
Configuration	
Configuration software	
• Configuration tool	ProTool Version 3.1 or higher (to be ordered separately)
Dimensions	
Width of the housing front	296 mm
Height of housing front	192 mm
Overall depth	59 mm
Weights	
Weight (without packaging)	1.85 kg
Other	
free hotline	Yes
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