

*** SPARE PART*** SIMATIC MP270 MULTI PANEL 10" TFT
 DISPLAY 12 MB FLASH-EPROM / 32 MB RAM CONFIGURABLE
 WITH PROTOOL FROM VERSION V5.2+SP2

Display	
Design of display	TFT, 256 colors
Screen diagonal	10.4 in
Resolution (pixels)	
• Horizontal image resolution	640 Pixel
• Vertical image resolution	480 Pixel
Backlighting	
• MTBF backlighting (at 25 °C)	40 000 h
Control elements	
Control elements	Membrane keyboard
Keyboard fonts	
• Membrane keyboard	Yes
— user-definable label membrane keys	Yes
• Function keys	
— Number of function keys	36
— Number of function keys with LEDs	20
• System keys	
— Number of system keys	33
• Numeric keyboard	Yes
• alphanumeric keyboard	Yes
• hexadecimal keyboard	Yes
• Multi-key operation	Yes
— Number of multi-key operations	20
Touch operation	
• Design as touch screen	No
Connection type	
• Type of connection for mouse/keyboard/barcode reader	- / - / -
Special operator controls	
• Illuminated pushbutton	No
Installation type/mounting	
Mounting position	vertical
maximum permissible angle of inclination without external ventilation	35°

Supply voltage	
UPS connectable (serial)	No
Input current	
Current consumption (rated value)	0.6 A
Starting current inrush I ² t	0.5 A ² ·s
Power	
Active power input, typ.	22 W
Processor	
Processor type	X86, 66 MHz
Memory	
Type of memory	Flash / RAM
Memory available for user data	4 096 kbyte
Battery	
Backup battery	
<ul style="list-style-type: none"> • Backup battery (optional) 	Yes; optional 3.6 V
<ul style="list-style-type: none"> • Backup time, min. 	3 y
Type of output	
Info LED	Yes
Power LED	No
Error LED	Yes
Time of day	
Clock	
<ul style="list-style-type: none"> • Type 	Hardware clock
<ul style="list-style-type: none"> • retentive 	Yes
<ul style="list-style-type: none"> • synchronizable 	Yes
Interfaces	
Interfaces/bus type	1x TTY, 2x RS 232, 1x RS 422, 1x RS 485 (max. 12 Mbit/s)
USB port	No
PC card slot	1x PC card slot
CF card slot	1x CF card slot
Degree and class of protection	
IP (at the front)	IP65
NEMA (front)	NEMA 4, NEMA 4x (when installed)
IP (rear)	IP20
Standards, approvals, certificates	
Certifications	CE, FM Class I Div. 2, UL, CSA, EX Zone 2/22, NEMA 4, NEMA 4x
Ambient conditions	

Free fall	
• Fall height, max.	95 m
Ambient temperature during storage/transportation	
• min.	-20 °C
• max.	60 °C
Relative humidity	
• Operation, max.	95 %
Operating systems	
pre-installed operating system	Windows CE
Configuration	
Configuration software	
• Configuration tool	ProTool Version 5.1 or higher (to be ordered separately)
Peripherals/Options	
Peripherals	Printer
Dimensions	
Width of the housing front	483 mm
Height of housing front	310 mm
Overall depth	50 mm
Weights	
Weight (without packaging)	5 kg
Other	
free hotline	Yes
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