

\*\*\* SPARE PART\*\*\* OPERATOR PANEL OP7/PP LC DISPLAY,  
 BACKLIT LED 4 LINES, 20 CHARACTERS/LINE, SIMATIC S5,  
 505,NATIVE DRIVERS, UL/CSA-LISTED



General information	
Customer-specific configuration	No
Display	
Design of display	LC display
graphics-enabled	No
Color type	Black/white
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
• Numeric/alphabetical input	Yes / Yes
— hexadecimal keyboard	Yes
• Multi-key operation	No
<b>Touch operation</b>	
• Design as touch screen	No
<b>Connection type</b>	
• Connection for mouse/keyboard/barcode reader	- / - / -
<b>Installation type/mounting</b>	
Mounting position	vertical
maximum permissible angle of inclination without external ventilation	90°
<b>Supply voltage</b>	
Type of supply voltage	24 V DC
UPS connectable (serial)	No
<b>Input current</b>	
Current consumption (rated value)	0.19 A
<b>Processor</b>	
Processor type	X86
<b>Drives</b>	
Diskette drive	Yes
CD-ROM	No
Hard disk	No
<b>Memory</b>	
Type of memory	Flash / RAM
Memory available for user data	128 kbyte
<b>Type of output</b>	
Info LED	Yes
Power LED	No
Error LED	No
<b>Time of day</b>	
<b>Clock</b>	
• Type	Software clock, synchronizable, no battery backup
• retentive	No
• synchronizable	Yes
<b>Interfaces</b>	
Interfaces/bus type	1 x TTY, 1 x RS232, 1 x RS422, 1 x RS485
Number of RS 485 interfaces	1

Number of parallel interfaces	0
USB port	No
PC card slot	No
CF card slot	No
Special interfaces	No
With software interfaces	No
<b>Industrial Ethernet</b>	
• Industrial Ethernet interface	No
<b>Degree and class of protection</b>	
IP (at the front)	IP65
IP (rear)	IP20
<b>Standards, approvals, certificates</b>	
Certifications	CE, GL, BV, DNV, LRS, PRS, FM Class I Div. 2, UL, CSA, cULus, EX zone 2/22
<b>Ambient conditions</b>	
Ambient temperature during storage/transportation	
• min.	-25 °C
• max.	70 °C
Relative humidity	
• Operation, max.	95 %
<b>Operating systems</b>	
pre-installed operating system	Rmos
<b>Configuration</b>	
Message indicator	Yes
Alarm system (incl. buffer and acknowledgment)	Yes
Process value display (output)	No
Process value default (input) possible	No
Recipe management	Yes
Configuration software	
• Configuration tool	ProTool / Lite Version 2.51 or higher (to be ordered separately)
<b>Peripherals/Options</b>	
Additional software components loadable	No
<b>Dimensions</b>	
Width of the housing front	144 mm
Height of housing front	180 mm
Overall depth	38.5 mm
<b>Weights</b>	
Weight (without packaging)	0.43 kg
<b>Other</b>	

free hotline	Yes
Warranty period	1 y
<b>last modified:</b>	04/29/2017