

\*\*\* SPARE PART\*\*\* OPERATOR PANEL OP17/PP LC DISPLAY,  
 BACKLIT LED 4X20/8X40 LINESXCHARACTERS SIMATIC S5,  
 505,NATIVE DRIVERS UL/CSA-LISTED



## General information

Customer-specific configuration No

## Display

Design of display LC display  
 Color type Black/white

### Line display

- Number of lines 8
- Number of characters per line 40

### Backlighting

- MTBF backlighting (at 25 °C) 200 000 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 16

<ul style="list-style-type: none"> <li>Numeric/alphabetical input <ul style="list-style-type: none"> <li>— hexadecimal keyboard</li> </ul> </li> <li>Multi-key operation</li> </ul>	Yes / No Yes No
<b>Connection type</b>	
<ul style="list-style-type: none"> <li>Connection for mouse/keyboard/barcode reader</li> </ul>	- / - / -
<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)	0.34 A
<b>Power</b>	
Active power input, typ.	10 W
<b>Processor</b>	
Processor type	X86
<b>Memory</b>	
Type of memory	Flash / RAM
Memory available for user data	256 kbyte
<b>Battery</b>	
<b>Backup battery</b>	
<ul style="list-style-type: none"> <li>Backup battery</li> <li>Backup time, min.</li> </ul>	optional 3.6 V 4 y
<b>Type of output</b>	
Info LED	Yes
Power LED	No
Error LED	Yes
<b>Time of day</b>	
<b>Clock</b>	
<ul style="list-style-type: none"> <li>Type</li> <li>retentive</li> <li>synchronizable</li> </ul>	Hardware clock, battery backup, synchronizable Yes Yes
<b>Interfaces</b>	
Interfaces/bus type	2 x TTY, 2 x RS232, 1 x RS422, 1 x RS485
Number of RS 485 interfaces	1
USB port	No

PC card slot	No
CF card slot	No
Special interfaces	No
<b>Industrial Ethernet</b>	
• Industrial Ethernet interface	No
<b>Protocols</b>	
PROFIBUS	Yes
MPI	Yes
AS-Interface	No
<b>Further protocols</b>	
• MODBUS	No
• other bus systems	No
<b>Degree and class of protection</b>	
IP (at the front)	IP65
IP (rear)	IP20
<b>Standards, approvals, certificates</b>	
Certifications	CE, PRS, FM Class I Div. 2, UL, 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)	No
Process value display (output)	No
Process value default (input) possible	No
Recipe management	No
<b>Configuration software</b>	
• Configuration tool	ProTool / Lite Version 2.51 or higher or Version 1 (to be ordered separately)
<b>Peripherals/Options</b>	
Additional software components loadable	No
<b>Dimensions</b>	
Width of the housing front	240 mm
Height of housing front	204 mm
Overall depth	50 mm

## Weights

Weight (without packaging)	0.96 kg
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## Other

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