

Spare part Operator Panel OP 17/PP LC display, LED backlit 4x 20/8x 40 lines x characters SIMATIC S5, 505, native drivers with UL/CSA approval



General information	
Customer-specific configuration	No
Display	
Design of display	LC display, 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
• System keys	

— Number of system keys	22
• Numeric keyboard	Yes
• alphanumeric keyboard	No
• hexadecimal keyboard	Yes
• Multi-key operation	No
Connection type	
• Type of connection for mouse/keyboard/barcode reader	- / - / -
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
Input current	
Current consumption (rated value)	0.34 A
Power	
Active power input, typ.	10 W
Processor	
Processor type	X86
Memory	
Type of memory	Flash / RAM
Memory available for user data	256 kbyte
Battery	
Backup battery	
• Backup battery (optional)	Yes; optional 3.6 V
• Backup time, min.	4 y
Type of output	
Info LED	Yes
Power LED	No
Error LED	Yes
Time of day	
Clock	
• Type	Hardware clock, battery backup, synchronizable
• retentive	Yes
• synchronizable	Yes
Interfaces	
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
Industrial Ethernet	
• Industrial Ethernet interface	No
Protocols	
PROFIBUS	Yes
MPI	Yes
AS-Interface	No
Further protocols	
• MODBUS	No
• other bus systems	No
Degree and class of protection	
IP (at the front)	IP65
IP (rear)	IP20
Standards, approvals, certificates	
Certifications	CE, PRS, FM Class I Div. 2, UL, EX Zone 2/22
Ambient conditions	
Ambient temperature during storage/transportation	
• min.	-25 °C
• max.	70 °C
Relative humidity	
• 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	240 mm

Height of housing front	204 mm
Overall depth	50 mm
Weights	
Weight (without packaging)	0.96 kg
Other	
free hotline	Yes
Warranty period	1 y
last modified:	04/25/2018