

*** 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	
Line display	LC display
• Number of lines	8
• Number of characters per line	40
Color type	Black/white
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	24 function keys, 16 with LEDs
• Numeric/alphabetical input	Yes / No
— hexadecimal keyboard	Yes
• Multi-key operation	No

Connection type	
• 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	
Power consumption, typ.	10 W
Processor	
Processor type	X86
Memory	
Type of memory	Flash / RAM
Battery	
Backup battery	
• Backup battery	optional 3.6 V
• Buffer duration, 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
• Hardware clock (real-time clock)	Yes
• Software clock	No
• 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	
• CAN	No
• INTERBUS	No
• EIB	No
• MODBUS	No
• Data-Highway	No
• DeviceNet	No
• Local Operating Network	No
• SUCOnet	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
cULus	No
RCM (formerly C-TICK)	No
Ambient conditions	
Ambient temperature during storage/transportation	
• min.	-25 °C
• max.	70 °C
Relative humidity	
• Operation, max.	95 %
Operating systems	
Operating system	Rmos
Configuration	
Message indicator	Yes
Alarm logging system (incl. buffer and acknowledgment)	No
Process value display (output)	No
Process value default (input) possible	No
Recipe administration	No
Configuration software	

- Configuration tool
- 1. Configuration kit
 - Version
 - Configuration tool
 - Type
- 2. Configuration kit
 - Version

ProTool / Lite Version 2.51 or higher or Version 1 (to be ordered separately)

ProTool / Lite

Version 2.51

ProTool

Lite

Version 1

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:	03.08.2015