

OPERATOR PANEL OP17/DP12 LC DISPLAY,
BACKLIT LED 4X20/8X40 LINESXCHARACTERS SIMATIC
S5,
505, S7, M7, NATIVE DRIVERS,
PROFIBUS-DP 12 MBAUD, UL/CSA-LISTED



Display

Display type	Black/white
Type	Lines
Line display	LC display
Number of lines, max.	8
Characters per line (max.)	40
Color type	Black/white

Backlighting

MTBF backlighting (at 25 °C)	about 200,000 hours
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Control elements

Operating options	Keys
Function keys, programmable	24 function keys, 16 with LEDs
Membrane keyboard	Yes
Connection for mouse/keyboard/barcode reader	- / - / -

Keyboard fonts

user-definable label membrane keys	Yes
Numeric/alphabetical input	Yes / No
hexadecimal keyboard	Yes
Multi-key operation	No

Touch operation	
Touch screen	No
Supply voltage	
Type of supply voltage	24 V DC
UPS connectable (serial)	No
Input current	
Rated current	0.34 A
Power	
Power	10 W
Processor	
Processor	X86
Drives	
Diskette drive	No
CD-ROM	No
Hard disk	No
Memory	
Type	Flash / RAM
Usable memory for user data	256 KB usable memory for user data
Battery	
Backup battery	
Backup battery	optional 3.6 V
minimum backup duration	4 a
Type of output	
Info LED	Yes
Power LED	No
Error LED	No
Time of day	
Clock	
Type	Hardware clock, battery backup, synchronizable
Hardware clock (real-time clock)	Yes
Software clock	No
battery-backed	Yes
synchronizable	Yes
Interfaces	
Interfaces	2 x TTY, 2 x RS232, 1 x RS422, 1 x RS485 (max. 12 Mbit/s)
Number of RS 485 interfaces	1
Transmission rate, max.	12 Mbit/s
USB port	No

PC card slot	No
CF card slot	No
Special interfaces	No
Industrial Ethernet	
Industrial Ethernet interface	No
Degree and class of protection	
Front	IP65
IP (at the front)	IP65
Rear	IP20
IP (rear)	IP20
Standards, approvals, certificates	
Certifications	CE, PRS, FM Class I Div. 2, UL, EX Zone 2/22
cULus	No
RCM (former C-TICK)	No
Ambient conditions	
Mounting position	vertical
maximum permissible angle of inclination without external ventilation	+/- 90 °
Storage/transport temperature	
Ambient temperature during storage, minimum	-25 °C
Ambient temperature during storage, maximal	70 °C
Transport, storage	-25 °C to +70 °C
Relative humidity	
Operation, max.	95 %
Operating systems	
Operating system	Rmos
Configuration	
Configuration software	
Configuration tool	ProTool / Lite Version 2.51 or higher (to be ordered separately)
1. Configuration kit	ProTool / Lite
Version	Version 2.51
Configuration tool	ProTool
Type	Lite
Dimensions	
Front of enclosure (W x H)	240 mm x 204 mm
Weights	
Weight (without packaging)	0.96 kg
Other	

free hotline	Yes
Warranty period	1 a
Status	Jul 7, 2014