SIEMENS

OPERATOR PANEL OP37 PENTIUM 100 MHZ, 8 MB RAM W. LC
COLOR GRAPH.DISPLAY (STN) W/O HD, W/O FD

Display	
Design of display	STN, 8 colors
graphics-enabled	Yes
Screen diagonal	10.4 in
Color type	Colors
Resolution (pixels)	
• Horizontal image resolution	480 Pixel
• Vertical image resolution	640 Pixel
• Resolution (WxH in pixel)	480 x 640
Backlighting	
• MTBF backlighting (at 25 °C)	60 000 h

Control elements	
Control elements	Keys
Keyboard fonts	
• Membrane keyboard	Yes
— user-definable label membrane keys	Yes
• Function keys	36 function keys, 28 with LEDs
• Numeric/alphabetical input	Yes / Yes
— hexadecimal keyboard	Yes
• Multi-key operation	No
Touch operation	
• Design as touch screen	No
Connection type	
• Connection for mouse/keyboard/barcode reader	- / - / -

Installation type/mounting	
Mounting position	vertical
maximum permissible angle of inclination without external ventilation	35°

Supply voltage	
Type of supply voltage	18 V DC
UPS connectable (serial)	No

Input current	
Current consumption (rated value)	1.6 A

Power	
Power consumption, typ.	40 W

Processor	
Processor type	X86, 100 MHz

Drives	
Diskette drive	Yes
CD-ROM	No
Hard disk	No

Memory	
Type of memory	Flash / RAM
Memory available for user data	2 048 kbyte

Battery	
Backup battery	
• Backup battery	optional 3.6 V
• Backup time, min.	4 y

Type of output	
Info LED	Yes
Power 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 (max. 12 Mbit/s)
Number of RS 485 interfaces	1
• Transmission rate, max.	12 Mbit/s
USB port	No
PC card slot	1 x PC card slot
CF card slot	No
Special interfaces	1 x special interfaces
Industrial Ethernet	
• Industrial Ethernet interface	No

Degree and class of protection	
IP (at the front)	IP65
IP (rear)	IP20

Standards, approvals, certificates	
Certifications	PRS, FM Class I Div. 2, UL, EX Zone 22

Ambient conditions	

Ambient temperature during storage/transportation	
• min.	-20 °C
• max.	60 °C
Relative humidity	
• Operation, max.	95 %

Operating systems

Operating system	Rmos

Configuration

Configuration software	
• Configuration tool	ProTool Version 3.1 or higher (to be ordered separately)

Dimensions

Width of the housing front	482.6 mm
Height of housing front	310.3 mm
Overall depth	85 mm
Installation depth with direct key module	123 mm
Installation depth with Control Panel Interface	123 mm

Weights

Weight (without packaging)	8 kg

Other

free hotline	Yes
Warranty period	1 y

last modified:	24.03.2016