

OFFICIAL MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

6AV6545-0DB10-0AX0

Siemens official documentation for the exact article number.

Source: 6AV6545-0DB10-0AX0.pdf

Selected official Siemens pages follow this cover.

*** SPARE PART*** SIMATIC MULTIPANEL MP370 15" COLOR
TFT DISPLAY, TOUCH WINDOWS CE 3.0 CONFIGURABLE W.
PROTOCOL VERSION V6.0+SP2 AND HIGHER

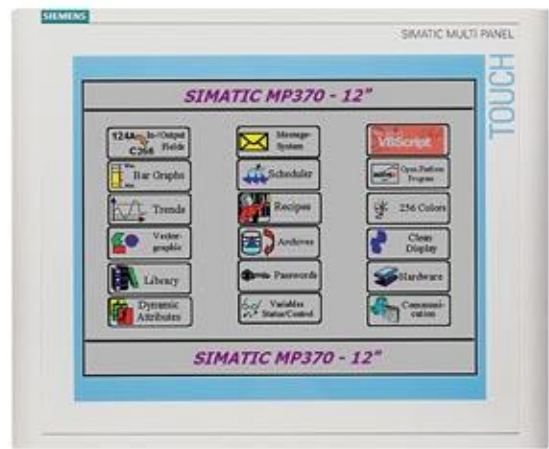


Figure similar

General information	
Customer-specific configuration	No
Display	
Design of display	TFT, 256 colors
Screen diagonal	15.1 in
Resolution (pixels)	
• Horizontal image resolution	1 024 Pixel
• Vertical image resolution	768 Pixel
Backlighting	
• MTBF backlighting (at 25 °C)	50 000 h
Control elements	
Control elements	Touch screen
Keyboard fonts	
• Membrane keyboard	No
— user-definable label membrane keys	No
• Numeric keyboard	Yes

• alphanumeric keyboard	Yes
• hexadecimal keyboard	Yes
• Multi-key operation	No
— Number of multi-key operations	0
Touch operation	
• Design as touch screen	Yes; analog, resistive
Connection type	
• Connection for mouse/keyboard/barcode reader	USB / USB / USB
Special operator controls	
• Illuminated pushbutton	Yes
Installation type/mounting	
Mounting position	vertical
maximum permissible angle of inclination without external ventilation	35°
Supply voltage	
Type of supply voltage	DC
UPS connectable (serial)	Yes
Input current	
Current consumption (rated value)	1.8 A
Starting current inrush I _{st}	0.5 A ² ·s
Power	
Active power input, typ.	41 W
Processor	
Processor type	MIPS
Drives	
Diskette drive	No
CD-ROM	No
Hard disk	No
Memory	
Type of memory	Flash / RAM
Memory available for user data	7 168 kbyte
Battery	
Backup battery	
• Backup battery (optional)	Yes; optional 3.6 V
• Backup time, min.	3 y
Type of output	
Info LED	No
Power LED	No

Error LED	No
Time of day	
Clock	
• Type	Hardware clock, battery backup, synchronizable
• retentive	Yes
• synchronizable	Yes
Interfaces	
Interfaces/bus type	1 x TTY, 2 x RS232, 1 x RS422, 1 x RS485, 1 x Ethernet (RJ45) (max. 12 Mbit/s)
Number of RS 485 interfaces	1
• Transmission rate, max.	12 Mbit/s
USB port	Yes; 1 x USB
PC card slot	1 x PC card slot
CF card slot	1 x CF card slot
Industrial Ethernet	
• Industrial Ethernet interface	1 x Ethernet (RJ45)
Degree and class of protection	
IP (at the front)	IP65
IP (rear)	IP20
Standards, approvals, certificates	
Certifications	CE, FM Class I Div. 2, cULus, EX Zone 2/22, C-TICK
Ambient conditions	
Ambient temperature during operation	
• min.	0 °C
• max.	50 °C
Ambient temperature during storage/transportation	
• min.	-20 °C
• max.	60 °C
Relative humidity	
• Operation, max.	85 %
Operating systems	
pre-installed operating system	Windows CE
Configuration	
Configuration software	
• Configuration tool	ProTool Version 6 SP 2 or higher, or WinCC flexible Standard Version 2004 or higher (to be ordered separately)
Languages	
Online languages	
• Number of online/runtime languages	5
Project languages	

• Languages per project	32
Functionality under WinCC (TIA Portal)	
Libraries	Yes
Number of Visual Basic Scripts	
• Debugging in the simulator	No
Task planner	Yes
Help system	Yes
• Number of characters per info text	70
• Number of tooltips	0
Message system	
• Number of alarm classes	32
• Number of messages	4 000
• Bit messages	Yes
— Number of bit messages	4 000
• Analog messages	Yes
— Number of analog messages	4 000
• Telegram message procedure Alarm S	Yes
• System messages HMI	Yes
• System messages PLC	Yes
• System messages, other (SIMATIC S7, Sinumerik, Simotion, etc.)	Yes
• Lines	1
• Number of characters per message	80
• Number of process values per message	8
• Acknowledgment groups	Yes
• Message indicator	Yes
• acoustic feedback	No
• First/last value	Yes
Recipe management	
• Number of recipes	500
• Data records per recipe	1 000
• Entries per data record	1 000
• Recipe memory	128 KB integrated Flash, expandable
Variables	
• Number of variables per device	2 048
• Number of variables per screen	400
• Number of variables	2 000
• Initial values	2 048
• Type Date & Time	2 048
• Limit values	Yes
• Multiplexing	Yes