

OFFICIAL MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

6AV6542-0DA10-0AX0

Siemens official documentation for the exact article number.

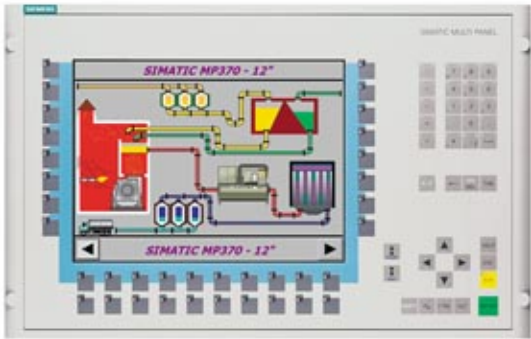
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Selected official Siemens pages follow this cover.

Data sheet

6AV6542-0DA10-0AX0

*** SPARE PART*** SIMATIC MULTIPANEL MP370 12" COLOR
TFT DISPLAY, KEYS WINDOWS CE 3.0 CONFIGURABLE WITH
PROTOOL FROM VERSION V5.2+SP3



General information	
Customer-specific configuration	No
Display	
Design of display	TFT, 256 colors
Screen diagonal	12.1 in
Color type	Colors
Resolution (pixels)	
• Resolution (WxH in pixel)	800 x 600
• Horizontal image resolution	800 Pixel
• Vertical image resolution	600 Pixel
Backlighting	
• MTBF backlighting (at 25 °C)	50 000 h
Control elements	
Control elements	Membrane keyboard
Keyboard fonts	
• Membrane keyboard	Yes
— user-definable label membrane keys	Yes
• Function keys	

— Number of function keys	36
— Number of function keys with LEDs	36
• Numeric/alphabetical input	Yes / Yes
— hexadecimal keyboard	Yes
• Multi-key operation	Yes
— Number of multi-key operations	36
Touch operation	
• Design as touch screen	No
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)	1.15 A
Starting current inrush I _t	0.5 A ² ·s
Power	
Power consumption, typ.	28 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 3.6 V
• Backup time, min.	3 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; yes, via optional battery
• 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	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	
Front	IP65
IP (at the front)	IP65
IP (rear)	IP20
Standards, approvals, certificates	
Certifications	CE, FM Class I Div. 2, cULus, EX Zone 2/22
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	
Operating system	Windows CE
Configuration	
Configuration software	
• Configuration tool	ProTool Version 5.2 SP 3 or higher, or WinCC flexible Standard Version 2004 or higher (to be ordered separately)
• 1. Configuration kit	ProTool

— Version	Version 5.2 SP 3
— Configuration tool	ProTool
• 2. Configuration kit	WinCC flexible Standard
— Version	Version 2004
— Configuration tool	WinCC flexible
— Type	Standard

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