

SIMATIC MP 377 15" TOUCH MULTIPANEL,
WINDOWS CE 5.0 15" COLOR-TFT-DISPLAY 12 MB USER
MEMORY CONFIGURABLE FROM WINCC FLEXIBLE 2007



General information

customer-specific configuration

Nee

Display

Screen diagonal

15 in

Size

15 Zoll (304,1 mm x 228,1 mm)

Display type

TFT, 65536 Farben

Number of grayscales

0

Color type

Farben

Resolution (pixels)

Horizontale beeldresolutie

1024

Verticale beeldresolutie

768

Resolution (WxH in pixel)

1024 x 768

Control elements

Control elements

Touchscreen

Operating options

Touch

Connection for mouse/keyboard/barcode reader

USB / USB / USB

Keyboard fonts

Keys with LED

Nee

Numeric/alphabetical input

Ja / Ja

hexadecimal keyboard	Ja
Touch operation	
Touch screen	analog, resistiv
Uitvoering van het displays / aanraakbeeldscherm	Ja
Supply voltage	
Type spanning / van de voedingsspanning	DC
Input current	
Rated current	1,9 A
Power	
Power	45,6 W
Memory	
Type	Flash / RAM
Time of day	
Clock	
Type	Hardwareuhr, gepuffert, synchronisierbar
Hardware clock (real-time clock)	Ja
battery-backed	Ja
synchronizable	Ja
Interfaces	
Interfaces	1 x RS422, 1 x RS485, 2 x Ethernet (RJ45)
Aantal interfaces / conform RS 485	1
USB port	2 x USB
CF card slot	1 x CF-Card-Slot
Industrial Ethernet	
Industrial Ethernet interface	2 x Ethernet (RJ45)
Protocols	
Protocol / wordt ondersteund / PROFI-safe-protocol	Nee
Protocol / wordt ondersteund / PROFIBUS-protocol	Ja
MPI	Ja
Protocols (Ethernet)	
Protocol / wordt ondersteund / TCP/IP	Ja
Protocols (terminal link)	
Sm@rtServer	Ja
Further protocols	
Protocol / wordt ondersteund / overige protocollen	Ja
EMC	
Emission of radio interference acc. to EN 55 011	

Emission of radio interference acc. to EN 55 011 (limit class A)	Ja
Degree and class of protection	
Front	IP65, NEMA 4, NEMA 12 (im eingebauten Zustand)
NEMA	NEMA 4, NEMA 12
Rear	IP20
Beschermingsklasse IP	IP20
Standards, approvals, certificates	
Certifications	CE, FM Class I Div. 2, cULus, EX-Zone 22, C-TICK, NEMA 4, NEMA 12
cULus	Ja
Geschiktheid voor het gebruik / op veiligheid gerichte functie	Nee
Use in hazardous areas	
EX zone 22	Ja
FM Class I Division 2	Ja
Ambient conditions	
maximum permissible angle of inclination without external ventilation	+/- 35 °
Storage/transport temperature	
Transport, storage	-20 °C bis +60 °C
Relative humidity	
Relatieve luchtvochtigheid / tijdens de werking / maximaal	90 %
Operating systems	
Bedrijfsstelsel	Windows CE
Configuration	
Message indicator	Ja
With alarm logging system (incl. buffer and acknowledgment)	Ja
Process value display (output)	Ja
Process value default (input) possible	Ja
Recipe administration	Ja
Configuration software	
STEP 7 Basic (TIA Portal)	Nee
STEP 7 Professional (TIA Portal)	Nee
WinCC flexible Compact	Nee
WinCC flexible Standard	Ja
WinCC flexible Advanced	Ja
WinCC Basic (TIA Portal)	Nee
WinCC Comfort (TIA Portal)	Ja
WinCC Advanced (TIA Portal)	Ja

WinCC Professional (TIA Portal)	Ja
Configuration tool	WinCC flexible Standard ab Version 2007 (separat zu beziehen)
2. Configuration kit	WinCC flexible Standard
Version	Version 2007
Configuration tool	WinCC flexible
Type	Standard
Languages	
Online languages	
Number of online/runtime languages	16
Project languages	
Languages per project	32
Functionality under WinCC (TIA Portal)	
Libraries	Ja
Task planner	Ja
Help system	Ja
Number of characters per info text	70
Message system	
Number of alarm classes	32
Number of messages	4000
Bit messages	Ja
Analog messages	Ja
Number of bit messages	4000
Number of analog messages	200
Telegram message procedure Alarm S	Ja
System messages HMI	Ja
System messages PLC	Ja
System messages, other (SIMATIC S7, Sinumerik, Simotion, etc.)	Ja
Message length (in characters)	80
Lines	1
Number of process values per message	8
Message indicator	Ja
First/last value	Ja
Recipe administration	
Number of recipes	500
Data records per recipe	1000
Entries per data record	1000
Variables	
Number of variables per device	4096

Number of variables per screen	400
Number of variables	2000
Initial values	2048
Limit values	Ja
Multiplexing	Ja
Structures	Ja
Type Date & Time	2048
Images	
Number of configurable images	500
Permanent window/default	Ja
Start screen configurable	Ja
Image selection by PLC	Ja
Image number in the PLC	Ja
Image objects	
Text objects	30000 Textelemente
I/O fields per image	400
Date/time fields	400
Return	Ja
Graphics object	Bitmaps, Ikons, Vektorgrafik
Icons	2000
Complex image objects	
Status/control	bei SIMATIC S7
dynamic objects	Diagramme, Balken, Schieber, Analoganzeige, unsichtbare Schaltflächen
Number of objects per project	2000
Number of curve diagrams per image	20
Methods	Trend / Profil
Limit value lines	Ja
Number of bars per chart	20
Limit value lines	Ja
alphanumeric fields	300
alphanumeric fields per image	400
numerical fields	2048
numerical fields per image	400
Password fields	2048
Number of slides per image	20
Number of analog indicators per image	20
Number of visible switches per project	400
visible switches per image	400

hidden switches per image	400
Number of status switches per project	400
Button status switches per image	400
Number of selector switches per project	400
Selector switches per image	400
Number of signal lamps per project	400
Signal lamps per image	400
Attributes for dynamic objects	
Color change	Ja
X/Y movement	Ja
Hide	Ja
Lists	
Number of text lists per project	500
Number of text lists per image	400
Number of entries per text list	256
Number of graphics lists per project	500
Number of graphic lists per image	400
Number of entries per graphics list	256
Archiving	
Number of archives per device	50
Number of measuring points per project	50
Number of entries per archive	50000
Message archive	Ja
Process value archive	Ja
Archiving methods	
Sequential archive	Ja
Short-term archive	Ja
Memory location	
CF card	Ja
Ethernet	Ja
Data storage format	
CSV	Ja
Online evaluation	
using trend curves	Ja
Filters	
cyclic	Ja
Tolerance	Ja
Change	Ja
Security	

Number of user groups	50
Number of user rights	32
Password export/import	Ja
Data storage medium support	
CF card	Ja
Hard disk	Ja
Logging through printer	
Recording/Printing	Meldungen, Report (Schichtprotokoll), Farbdruck, Hardcopy
Transfer (upload/download)	
Transfer of configuration	MPI/PROFIBUS DP, seriell, USB, Ethernet, mittels externem Speichermedium, automatische Transfererkennung
Process coupling	
Connection to controller	S5, S7-200, S7- 300/400, TI 505, Win AC, PC (TCP/IP), SINUMERIK, SIMOTION, Allen Bradley (DF1), Allen Bradley (DF485), Mitsubishi (FX), OMRON (LINK/Multilink), Modicon (Modbus), weitere Fremdtreiber siehe Kapitel "Systemkopplungen"
S7-1200	Ja
S7-1500	Ja
S7-200	Ja
PPI (point-to-point)	Ja
PPI network	Ja
MPI	Ja
PROFIBUS DP	Ja
S7-300/400	Ja
MPI	Ja
PROFIBUS DP	Ja
PROFINET	Ja
S5	Ja
PROFIBUS DP	Ja
TI 505	Ja
Allen Bradley (DF1)	Ja
Allen Bradley (DF485)	Ja
Mitsubishi (FX)	Ja
Mitsubishi (MP4)	Ja
Telemecanique (Uni-Telway)	Ja
OMRON (LINK/Multilink)	Ja
Modicon (Modbus)	Ja
GE-Fanuc (SNP)	Ja
Functions	
TAB sequence	Ja

Calculating functions	Ja
Animate	Ja
Service tools/configuration aids	
Clean screen	Ja
Touch calibration	Ja
Backup/Restore manually	Ja
Simulation	Ja
Device switchover	Ja
Delta transfer	Ja
Monitoring function for battery and memory	Ja
Expandability/openness	
Open Platform Program	Ja
Peripherals/Options	
Peripherals	Drucker, Kartenleser, Barcodeleser
Multimedia Card	Ja
SD card	Ja
USB memory	Ja
Additional software components loadable	Ja
Dimensions	
Front of enclosure (W x H)	400 mm x 310 mm
Weights	
Nettogewicht	4,7 kg
Status	10-jul-2014