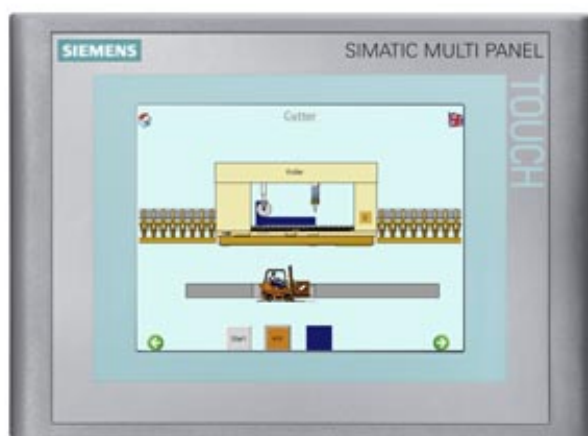




SIMATIC MP 177 6" TOUCH MULTI PANEL W. RETENTIVE MEMORY 5.7" TFT DISPLAY 2 MB CONFIGURING MEMORY, CONFIGURABLE WITH WINCC FLEXIBLE 2008 COMPACT OR HIGHER ***** FOR THIS PRODUCT A DELIVERY STOP WILL BE DECLARED FROM OCTOBER 1ST, 2014. INFORMATION ABOUT SUCCESSOR SEE SIMATIC UPDATE ID: 62977695 FOR FURTHER QUESTIONS PLEASE APPROACH YOUR SIEMENS CONTACT PERSON.

General information	
customer-specific configuration	Ja
Display	
Screen diagonal	5,7 in
Size	5,7 Zoll
Display type	TFT, 65536 Farben
Color type	Farben
Resolution (pixels)	
Horizontale beeldresolutie	320
Verticale beeldresolutie	240
Resolution (WxH in pixel)	320 x 240
Control elements	
Control elements	Touchscreen
Operating options	Touch
Connection for mouse/keyboard/barcode reader	USB / USB / USB
Keyboard fonts	
Numeric/alphabetical input	
hexadecimal keyboard	Ja
Touch operation	

Touch screen	analog, resistiv
Uitvoering van het displays / aanraakbeeldscherm	Ja
Touch screen (analog/resistive)	Ja
Supply voltage	
Type spanning / van de voedingsspanning	DC
Memory	
Type	Flash / RAM
usable memory for user data	2 MByte Nutzbarer Speicher für Anwenderdaten
Main memory	
Capacity of main memory, maximum	128 Mbyte
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, 1 x Ethernet (RJ45) (max. 12 MBit/s)
Aantal interfaces / conform RS 485	1
Overdrachtsnelheid / maximaal	12 Mbit/s
USB port	1 x USB
Special interfaces	Nein
Industrial Ethernet	
Industrial Ethernet interface	1 x Ethernet (RJ45)
Industrial Ethernet status LED	2
Protocols	
Protocol / wordt ondersteund / PROFIBUS-protocol	Ja
MPI	Ja
Protocols (Ethernet)	
Protocol / wordt ondersteund / TCP/IP	Ja
Protocols (terminal link)	
Sm@rtServer	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 4x, NEMA 12 (im eingebauten Zustand)

NEMA	NEMA 4, NEMA 4x, NEMA 12
Rear	IP20
Beschermingsklasse IP	IP20
Standards, approvals, certificates	
cULus	Ja
Geschiktheid voor het gebruik / op veiligheid gerichte functie	Nee
Marine approval	
Germanischer Lloyd (GL)	Ja
American Bureau of Shipping (ABS)	Nee
Bureau Veritas (BV)	Nee
Det Norske Veritas (DNV)	Nee
Lloyds Register of Shipping (LRS)	Nee
Nippon Kaiji Kyokai (Class NK)	Nee
Polski Rejestr Statkow (PRS)	Nee
Use in hazardous areas	
EX zone 2	Nee
EX zone 22	Nee
FM Class I Division 2	Ja
Ambient conditions	
Inbouwpositie	verticaal
Operating temperature	
Operation	0 °C bis +50 °C
Storage/transport temperature	
Transport, storage	-20 °C bis +70 °C
Relative humidity	
Relatieve luchtvochtigheid / tijdens de werking / maximaal	90 %
Operating systems	
Bedrijfsysteem	Windows CE (Version 5)
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	Ja

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
2. Configuration kit	WinCC flexible Compact
Configuration tool	WinCC flexible
Type	Compact
Languages	
Online languages	
Number of online/runtime languages	5
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	2000
Bit messages	Ja
Analog messages	Ja
Number of bit messages	2000
Number of analog messages	2000
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	100
Data records per recipe	200

Entries per data record	200
Variables	
Number of variables per device	1000
Number of variables per screen	50
Number of variables	1000
Limit values	Ja
Multiplexing	Ja
Structures	Nee
Type Date & Time	1000
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	2500 Textelemente
I/O fields per image	50
Date/time fields	30
Return	Ja
Graphics object	Bitmaps, Ikons, Vektorgrafik
Icons	500
Complex image objects	
Status/control	bei SIMATIC S7
dynamic objects	Diagramme, Balken, Schieber, Analoganzeige, unsichtbare Schaltflächen
Number of objects per project	500
Number of curve diagrams per image	5
Methods	Trend / Profil
Limit value lines	Ja
Number of bars per chart	5
Limit value lines	Ja
alphanumeric fields	1000
alphanumeric fields per image	50
numerical fields	1000
numerical fields per image	50
Password fields	1000
Number of slides per image	5
Number of analog indicators per image	5

Number of visible switches per project	1000
visible switches per image	100
hidden switches per image	100
Number of status switches per project	1000
Button status switches per image	100
Number of selector switches per project	200
Selector switches per image	100
Number of signal lamps per project	1000
Signal lamps per image	100
Attributes for dynamic objects	
Color change	Ja
X/Y movement	Ja
Hide	Ja
Angle of rotation	Nee
Lists	
Number of text lists per project	300
Number of text lists per image	10
Number of entries per text list	30
Number of graphics lists per project	100
Number of graphic lists per image	10
Number of entries per graphics list	30
Security	
Number of user groups	50
Number of user rights	32
Password export/import	Ja
Logging through printer	
Recording/Printing	Meldungen, Report (Schichtprotokoll), Farbdruck, Hardcopy
Transfer (upload/download)	
Transfer of configuration	MPI/PROFIBUS DP, seriell, USB, Ethernet, automatische Transfererkennung
Process coupling	
Connection to controller	S5, S7-200, S7- 300/400, TI 505, Win AC, 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
Ethernet	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
Peripherals/Options	
Peripherals	Drucker, Barcodeleser
Multimedia Card	Ja
SD card	Ja
USB memory	Ja
Additional software components loadable	Ja
Dimensions	
Front of enclosure (W x H)	212 mm x 156 mm
Weights	
Nettogewicht	0,85 kg
Other	

free hotline	Ja
Warranty period	1 a
Status	30-jul-2014