## **Data sheet**

**SIEMENS** 





SIMATIC HMI TP700 Comfort, Comfort Panel, touch operation, 7" widescreen TFT display, 16 million colors, PROFINET interface, MPI/PROFIBUS DP interface, 12 MB configuration memory, Windows CE 6.0, configurable from WinCC Comfort V11

Product type designation  Display  Design of display  TFT  Screen diagonal  Display width  Display height  Number of colors  Resolution (pixels)  Horizontal image resolution  Vertical image resolution  Resklighting  MTBF backlighting (at 25 °C)  Backlight dimmable  Control elements  Keyboard fonts  Function keys  Number of function keys with LEDs  Keys with LED  System keys  Number of system keys  Numeric keyboard  Japhanumeric keyboard  Japhanumeric keyboard  Pess; Onscreen keyboard  Touch operation  Pessign as touch screen  Yes; Analog-resistive		
Design of display  Screen diagonal  Display width  Display height  Display height  Number of colors  Resolution (pixels)  Horizontal image resolution  Vertical image resolution  Namber backlighting  MTBF backlighting  MTBF backlighting (at 25 °C)  Backlight dimmable  Control elements  Keyboard fonts  Function keys  Number of function keys  Number of function keys with LEDs  Keys with LED  System keys  Numeric keyboard  All pixel  No  No  System keys  No  Numeric keyboard  All pixel  Personance  No  No  System keys  No  No  Norcreen keyboard  Alphanumeric keyboard  Yes; Onscreen keyboard  Touch operation  Design as touch screen  Yes; Analog-resistive		
Screen diagonal 7 in  Display width 152.4 mm  Display height 91.4 mm  Number of colors 16 777 216  Resolution (pixels)  • Horizontal image resolution 800 pixel • Vertical image resolution 480 pixel  Backlighting  • MTBF backlighting (at 25 °C) 80 000 h • Backlight dimmable Yes; 0-100 %  Control elements  Keyboard fonts  • Function keys  — Number of function keys 0 — Number of function keys with LEDs • Keys with LED • System keys • Numeric keyboard • alphanumeric keyboard • alphanumeric keyboard  Touch operation • Design as touch screen  Yes; Analog-resistive		
Display width Display height 91.4 mm Number of colors 16 777 216  Resolution (pixels)  Horizontal image resolution Vertical image resolution MTBF backlighting (at 25 °C) Backlight dimmable Yes; 0-100 %  Control elements  Keyboard fonts  Function keys Number of function keys with LEDs Keys with LED System keys No Numeric keyboard Alphanumeric keyboard  Touch operation Design as touch screen Yes; Analog-resistive		
Display height  Number of colors  Resolution (pixels)  Horizontal image resolution Vertical image resolution  Number of colors  Horizontal image resolution  Number of colors  Backlighting  MTBF backlighting (at 25 °C) Backlight dimmable  Yes; 0-100 %  Control elements  Keyboard fonts  Function keys  Number of function keys uith LEDs Keys with LED System keys No Numeric keyboard Alphanumeric keyboard  Posign as touch screen  Yes; Analog-resistive		
Number of colors  Resolution (pixels)  Horizontal image resolution Vertical image resolution  MTBF backlighting  MTBF backlighting (at 25 °C) Backlight dimmable  Control elements  Keyboard fonts  Function keys  Number of function keys  Number of function keys with LEDs  Keys with LED System keys  Numeric keyboard  Numeric keyboard  Pusing in Albana and the separation of		
Resolution (pixels)  • Horizontal image resolution  • Vertical image resolution  800 pixel  480 pixel  Backlighting  • MTBF backlighting (at 25 °C)  80 000 h  Backlight dimmable  Yes; 0-100 %  Control elements  Keyboard fonts  • Function keys  — Number of function keys  — Number of function keys with LEDs  • Keys with LED  • Keys with LED  • System keys  • Numeric keyboard  • alphanumeric keyboard  Touch operation  • Design as touch screen  Yes; Analog-resistive		
Horizontal image resolution     Vertical image resolution     Vertical image resolution  Backlighting      MTBF backlighting (at 25 °C)     Backlight dimmable     Yes; 0-100 %  Control elements  Keyboard fonts      Function keys     Number of function keys     Number of function keys with LEDs     Keys with LED     No     System keys     Numeric keyboard     Numeric keyboard     Alphanumeric keyboard  Touch operation     Design as touch screen  Was 000 h  Yes; 0-100 %  80 000 h  Yes; 0-100 %		
Vertical image resolution  Backlighting  MTBF backlighting (at 25 °C) Backlight dimmable Yes; 0-100 %  Control elements  Keyboard fonts Function keys Number of function keys No Keys with LED System keys No Numeric keyboard Alphanumeric keyboard  Touch operation Design as touch screen  Yes; Analog-resistive		
Backlighting  MTBF backlighting (at 25 °C) Backlight dimmable Yes; 0-100 %  Control elements  Keyboard fonts  Function keys — Number of function keys — Number of function keys with LEDs Keys with LED No System keys Numeric keyboard Aumeric keyb		
MTBF backlighting (at 25 °C) Backlight dimmable Yes; 0-100 %  Control elements  Keyboard fonts  Function keys Number of function keys No Keys with LED System keys No Numeric keyboard Alphanumeric keyboard Ves; Onscreen keyboard Touch operation Design as touch screen  80 000 h Yes; 0-100 %  80 000 h Yes; 0-100 %  80 000 h Yes; 0-100 %  0  Ves; Onscreen keyboard Ves; Onscreen keyboard Ves; Analog-resistive		
<ul> <li>Backlight dimmable</li> <li>Control elements</li> <li>Keyboard fonts</li> <li>Function keys  <ul> <li>Number of function keys</li> <li>Number of function keys with LEDs</li> <li>Keys with LED</li> <li>System keys</li> <li>Numeric keyboard</li> <li>alphanumeric keyboard</li> <li>alphanumeric keyboard</li> <li>Design as touch screen</li> </ul> </li> <li>Yes; 0-100 %</li> <li>No</li> <li>No</li> <li>Yes; Onscreen keyboard</li> <li>Yes; Onscreen keyboard</li> </ul>		
Control elements         Keyboard fonts		
Keyboard fonts         ● Function keys       0         — Number of function keys with LEDs       0         ● Keys with LED       No         ● System keys       No         ● Numeric keyboard       Yes; Onscreen keyboard         ● alphanumeric keyboard       Yes; Onscreen keyboard         Touch operation       Yes; Analog-resistive		
<ul> <li>Function keys         <ul> <li>Number of function keys</li> <li>Number of function keys with LEDs</li> <li>Keys with LED</li> <li>System keys</li> <li>Numeric keyboard</li> <li>alphanumeric keyboard</li> <li>alphanumeric keyboard</li> </ul> </li> <li>Touch operation         <ul> <li>Design as touch screen</li> <li>Yes; Analog-resistive</li> </ul> </li> </ul>		
<ul> <li>Number of function keys</li> <li>Number of function keys with LEDs</li> <li>Keys with LED</li> <li>System keys</li> <li>Numeric keyboard</li> <li>alphanumeric keyboard</li> <li>alphanumeric keyboard</li> <li>Touch operation</li> <li>Design as touch screen</li> <li>0</li> <li>No</li> <li>Yes; Onscreen keyboard</li> <li>Yes; Onscreen keyboard</li> <li>Yes; Analog-resistive</li> </ul>		
<ul> <li>Number of function keys with LEDs</li> <li>Keys with LED</li> <li>System keys</li> <li>Numeric keyboard</li> <li>alphanumeric keyboard</li> <li>alphanumeric keyboard</li> <li>Touch operation</li> <li>Design as touch screen</li> <li>Yes; Analog-resistive</li> </ul>		
<ul> <li>Keys with LED</li> <li>System keys</li> <li>Numeric keyboard</li> <li>alphanumeric keyboard</li> <li>Touch operation</li> <li>Design as touch screen</li> <li>No</li> <li>No</li> <li>Yes; Onscreen keyboard</li> <li>Yes; Onscreen keyboard</li> <li>Yes; Analog-resistive</li> </ul>		
<ul> <li>System keys</li> <li>Numeric keyboard</li> <li>alphanumeric keyboard</li> <li>Touch operation</li> <li>Design as touch screen</li> <li>No</li> <li>Yes; Onscreen keyboard</li> <li>Yes; Onscreen keyboard</li> <li>Yes; Analog-resistive</li> </ul>		
<ul> <li>Numeric keyboard</li> <li>alphanumeric keyboard</li> <li>Touch operation</li> <li>Design as touch screen</li> <li>Yes; Onscreen keyboard</li> <li>Yes; Onscreen keyboard</li> <li>Yes; Analog-resistive</li> </ul>		
<ul> <li>◆ alphanumeric keyboard</li> <li>Touch operation</li> <li>◆ Design as touch screen</li> <li>Yes; Analog-resistive</li> </ul>		
Touch operation  ● Design as touch screen Yes; Analog-resistive		
Design as touch screen     Yes; Analog-resistive		
Evenencians for appropriate control of the process		
Expansions for operator control of the process		
DP direct LEDs (LEDs as S7 output I/O)		
— F1Fx 0		
Direct keys (keys as S7 input I/O)		
— F1Fx 0		
Direct keys (touch buttons as S7 input I/O)  32		
Installation type/mounting		
Mounting position vertical		
Wall mounting/direct mounting No		
Mounting in portrait format possible Yes		
Mounting in landscape format possible Yes		
maximum permissible angle of inclination without external ventilation 35°		
Supply voltage		

Tune of aumaly yell- :-	DO.
Type of supply voltage	DC 241/
Rated value (DC)	24 V
permissible range, lower limit (DC)	19.2 V
permissible range, upper limit (DC)	28.8 V
Input current	
Current consumption (rated value)	0.5 A
Starting current inrush I²t	0.5 A <sup>2</sup> ·s
Power	
Active power input, typ.	12 W
Processor	
Processor type	X86
Memory	
Flash	Yes
RAM	Yes
Memory available for user data	12 Mbyte
Type of output	
Info LED	No
Power LED	No
Error LED	No
Acoustics	
Buzzer	No
Speaker	Yes
Time of day	
Clock	
<ul> <li>Hardware clock (real-time)</li> </ul>	Yes
Software clock	Yes
• retentive	Yes; Back-up duration typically 6 weeks
synchronizable	Yes
Interfaces	
Number of industrial Ethernet interfaces	1; 2 ports (switch)
Number of RS 485 interfaces	1; RS 422 / 485 combined
Number of RS 422 interfaces	0; together with RS 485
Number of RS 232 interfaces	0
Number of USB interfaces	2; USB 2.0
• USB Mini B	1; 5-pole
Number of 20 mA interfaces (TTY)	0
Number of parallel interfaces	0
Number of other interfaces	0
Number of SD card slots	2
With software interfaces	No
Industrial Ethernet  • Industrial Ethernet status LED	2
Number of ports of the integrated switch	2
-	-
Protocols PROFINET	Voc
	Yes
Supports protocol for PROFINET IO  IRT	Yes; As of WinCC V12
PROFIBUS	Yes Yes
EtherNet/IP	Yes
MPI	Yes
Protocols (Ethernet)	1.00
• TCP/IP	Yes
• DHCP	Yes
• SNMP	Yes
• DCP	Yes
• LLDP	Yes
WEB characteristics	
• HTTP	Yes
HTTP     HTTPS	Yes Yes

• HTML	Yes
• XML	Yes
• CSS	Yes
<ul> <li>Active X</li> </ul>	Yes
<ul> <li>JavaScript</li> </ul>	Yes
Java VM	No
Redundancy mode	
Media redundancy	
— MRP	Yes; As of WinCC V12
Further protocols	
• CAN	No
MODBUS	Yes
Interrupts/diagnostics/status information	
Diagnoses	
Diagnostic information readable	Yes; S7 controller
EMC	
Emission of radio interference acc. to EN 55 011	
<ul> <li>Limit class A, for use in industrial areas</li> </ul>	Yes
Limit class B, for use in residential areas	No
Degree and class of protection	
IP (at the front)	IP65
IP (rear)	IP20
NEMA (front)	
<ul> <li>Enclosure Type 4 at the front</li> </ul>	Yes
<ul> <li>Enclosure Type 4x at the front</li> </ul>	Yes
Standards, approvals, certificates	
CE mark	Yes
cULus	Yes
RCM (formerly C-TICK)	Yes
KC approval	Yes
Use in hazardous areas	
ATEX Zone 2	Yes
ATEX Zone 22	Yes
• IECEx Zone 2	Yes
IECEx Zone 22	Yes
<ul> <li>cULus Class I Zone 1</li> </ul>	No
<ul> <li>cULus Class I Zone 2, Division 2</li> </ul>	Yes
FM Class I Division 2	Yes
Marine approval	
Germanischer Lloyd (GL)	Yes
<ul> <li>American Bureau of Shipping (ABS)</li> </ul>	Yes
Bureau Veritas (BV)	Yes
<ul> <li>Det Norske Veritas (DNV)</li> </ul>	Yes
<ul> <li>Lloyds Register of Shipping (LRS)</li> </ul>	Yes
Nippon Kaiji Kyokai (Class NK)	Yes
Polski Rejestr Statkow (PRS)	No
Ambient conditions	
Ambient temperature during operation	
Operation (vertical installation)	
<ul><li>For vertical installation, min.</li></ul>	0 °C
— For vertical installation, max.	50 °C; (55 °C, see entry ID: 64847814)
Operation (max. tilt angle)	
— At maximum tilt angle, min.	0 °C
— At maximum tilt angle, max.	40 °C
Operation (vertical installation, portrait format)	0.00
— For vertical installation, min.	0 °C
— For vertical installation, max.	40 °C
Operation (max. tilt angle, portrait format)	0.80
<ul><li>At maximum tilt angle, min.</li></ul>	0 °C

At maximum tilt analo mar	35 °C
— At maximum tilt angle, max.	30 C
Ambient temperature during storage/transportation	30 °C
	-20 °C 60 °C
Relative humidity	
Operation, max.	90 %; no condensation
Operating systems	73 73, 110 controlledition
proprietary	No
pre-installed operating system	140
Windows CE	Yes
configuration / header	1.00
Message indicator	Yes
Alarm system (incl. buffer and acknowledgment)	Yes
Process value display (output)	Yes
Process value default (input) possible	Yes
Recipe management	Yes
Configuration software	
STEP 7 Basic (TIA Portal)	No
STEP 7 Professional (TIA Portal)	No
WinCC flexible Compact	No
WinCC flexible Standard	No
<ul> <li>WinCC flexible Advanced</li> </ul>	No
<ul> <li>WinCC Basic (TIA Portal)</li> </ul>	No
WinCC Comfort (TIA Portal)	Yes; from V11
<ul> <li>WinCC Advanced (TIA Portal)</li> </ul>	Yes; from V11
<ul> <li>WinCC Professional (TIA Portal)</li> </ul>	Yes; from V11
Languages	
Online languages	
Number of online/runtime languages	32
Project languages	
<ul> <li>Languages per project</li> </ul>	32
Functionality under WinCC (TIA Portal)	
Libraries	Yes
Applications/options	
Web browser	Yes
<ul> <li>Pocket Word</li> </ul>	Yes
Pocket Excel	Yes
PDF Viewer	Yes
Media Player	Yes
SIMATIC WinCC Sm@rtServer	Yes
SIMATIC WinCC Audit	Yes
Number of Visual Basic Scripts	Yes
Task planner	
• time-controlled	Yes
• task-controlled	Yes
Help system	70
Number of characters per info text	70
Message system	20
Number of alarm classes     Dit recognes	32 Van
Bit messages  Number of hit messages	Yes
— Number of bit messages	4 000 Voc
Analog messages     Number of analog messages	Yes
Number of analog messages     S7 alarm number procedure	200 Yes
System massages HMI	Yes
<ul><li>System messages HMI</li><li>System event, more (SIMATIC S7, SINUMERIK,</li></ul>	Yes
• System event, more (Slivia NC 57, Slinowerik, SIMOTION,)	163
Number of characters per message	80
Number of process values per message	8
Acknowledgment groups	Yes

Message indicator	Yes
Message Indicator     Message buffer	
Number of entries	1 024
Circulating buffer	Yes
— retentive	Yes
— maintenance-free	Yes
Recipe management	166
Number of recipes	300
Data records per recipe	500
Entries per data record	1 000
Size of internal recipe memory	2 Mbyte
Recipe memory expandable	Yes
Variables	
Number of variables per device	2 048
Number of variables per screen	400
Limit values	Yes
Multiplexing	Yes
Structures	Yes
Arrays	Yes
Images	
Number of configurable images	500
Permanent window/default	Yes
Global image	Yes
Pop-up images	Yes
Slide-in images	Yes
<ul> <li>Image selection by PLC</li> </ul>	Yes
<ul> <li>Image number in the PLC</li> </ul>	Yes
Image objects	
<ul> <li>Number of objects per image</li> </ul>	400
<ul><li>Text fields</li></ul>	Yes
<ul><li>I/O fields</li></ul>	Yes
<ul> <li>Graphic I/O fields (graphics list)</li> </ul>	Yes
<ul> <li>Symbolic I/O fields (text list)</li> </ul>	Yes
Date/time fields	Yes
<ul> <li>Switches</li> </ul>	Yes
• Buttons	Yes
Graphic display	Yes
• Icons	Yes
Geometric objects	Yes
Complex image objects	22
Number of complex objects per screen	20
Alarm view     Trand view	Yes
• Trend view	Yes
User view     Status/control	Yes
Status/control     Sm@rtClient view	Yes
Sm@rtClient view     Pegine view	Yes
Recipe view     f(x) trand view	Yes Yes
<ul><li>f(x) trend view</li><li>System diagnostics view</li></ul>	Yes
System diagnostics view     Media Player	Yes
HTML browser	Yes
PDF display	Yes
IP camera display	Yes
Bar graphs	Yes
Sliders	Yes
Pointer instruments	Yes
Analog/digital clock	Yes
Lists	
Number of text lists per project	500
Number of entries per text list	500

Number of graphics lists per project	500
Number of graphics lists per project     Number of activities per graphics lists	500
Number of entries per graphics list     Archiving	500
Number of archives per device	50
Number of arctives per device     Number of entries per archive	20 000
Message archive	Yes
Process value archive	Yes
	res
Archiving methods	V.
— Sequential archive	Yes
— Short-term archive	Yes
Memory location	
— Memory card	Yes
— USB memory	Yes
— Ethernet	Yes
Data storage format	
— CSV	Yes
— TXT	Yes
— RDB	Yes
Security	
<ul> <li>Number of user groups</li> </ul>	50
<ul> <li>Number of user rights</li> </ul>	32
<ul> <li>Number of users</li> </ul>	50
<ul> <li>Password export/import</li> </ul>	Yes
SIMATIC Logon	Yes
Logging through printer	
• Alarms	Yes
• Report (shift log)	Yes
Hardcopy	Yes
Electronic print to file	Yes; PDF, HTML
Character sets	
Keyboard fonts	
-	
— US English	Yes
— US English  Transfer (upload/download)	Yes
Transfer (upload/download)	
Transfer (upload/download)  • MPI/PROFIBUS DP	Yes
Transfer (upload/download)  • MPI/PROFIBUS DP  • USB	Yes Yes
Transfer (upload/download)  • MPI/PROFIBUS DP  • USB • Ethernet	Yes Yes Yes
Transfer (upload/download)  • MPI/PROFIBUS DP  • USB  • Ethernet  • using external storage medium	Yes Yes
Transfer (upload/download)  • MPI/PROFIBUS DP  • USB  • Ethernet  • using external storage medium  Process coupling	Yes Yes Yes Yes
Transfer (upload/download)  • MPI/PROFIBUS DP  • USB  • Ethernet  • using external storage medium  Process coupling  • S7-1200	Yes Yes Yes Yes Yes
Transfer (upload/download)  • MPI/PROFIBUS DP  • USB  • Ethernet  • using external storage medium  Process coupling  • S7-1200  • S7-1500	Yes Yes Yes Yes Yes Yes
Transfer (upload/download)  • MPI/PROFIBUS DP  • USB  • Ethernet  • using external storage medium  Process coupling  • S7-1200  • S7-1500  • S7-200	Yes Yes Yes Yes Yes Yes Yes Yes
Transfer (upload/download)  • MPI/PROFIBUS DP  • USB  • Ethernet  • using external storage medium  Process coupling  • S7-1200  • S7-1500  • S7-200  • S7-300/400	Yes
Transfer (upload/download)  • MPI/PROFIBUS DP  • USB  • Ethernet  • using external storage medium  Process coupling  • S7-1200  • S7-1500  • S7-200  • S7-300/400  • LOGO!	Yes
Transfer (upload/download)  • MPI/PROFIBUS DP  • USB  • Ethernet  • using external storage medium  Process coupling  • S7-1200  • S7-1500  • S7-200  • S7-300/400  • LOGO!  • WinAC	Yes
Transfer (upload/download)  MPI/PROFIBUS DP  USB Ethernet using external storage medium  Process coupling S7-1200 S7-1500 S7-200 S7-300/400 LOGO! WinAC SINUMERIK	Yes
Transfer (upload/download)  • MPI/PROFIBUS DP  • USB  • Ethernet  • using external storage medium  Process coupling  • S7-1200  • S7-1500  • S7-200  • S7-300/400  • LOGO!  • WinAC  • SINUMERIK  • SIMOTION	Yes
Transfer (upload/download)  • MPI/PROFIBUS DP  • USB  • Ethernet  • using external storage medium  Process coupling  • S7-1200  • S7-1500  • S7-200  • S7-200  • S7-300/400  • LOGO!  • WinAC  • SINUMERIK  • SIMOTION  • Allen Bradley (EtherNet/IP)	Yes
Transfer (upload/download)  • MPI/PROFIBUS DP  • USB  • Ethernet  • using external storage medium  Process coupling  • S7-1200  • S7-1500  • S7-200  • S7-300/400  • LOGO!  • WinAC  • SINUMERIK  • SIMOTION  • Allen Bradley (EtherNet/IP)  • Allen Bradley (DF1)	Yes
Transfer (upload/download)  MPI/PROFIBUS DP  USB Ethernet using external storage medium  Process coupling S7-1200 S7-1500 S7-200 S7-200 S7-300/400 LOGO! WinAC SINUMERIK SIMOTION Allen Bradley (EtherNet/IP) Allen Bradley (DF1) Mitsubishi (MC TCP/IP)	Yes
Transfer (upload/download)  MPI/PROFIBUS DP  USB Ethernet using external storage medium  Process coupling S7-1200 S7-1500 S7-200 S7-200 S7-300/400 LOGO! WinAC SINUMERIK SIMOTION Allen Bradley (EtherNet/IP) Allen Bradley (DF1) Mitsubishi (MC TCP/IP) Mitsubishi (FX)	Yes
Transfer (upload/download)  MPI/PROFIBUS DP  USB Ethernet using external storage medium  Process coupling S7-1200 S7-1500 S7-200 S7-200 S7-300/400 LOGO! WinAC SINUMERIK SIMOTION Allen Bradley (EtherNet/IP) Allen Bradley (DF1) Mitsubishi (MC TCP/IP) Mitsubishi (FX) OMRON (FINS TCP)	Yes
Transfer (upload/download)  MPI/PROFIBUS DP  USB Ethernet using external storage medium  Process coupling S7-1200 S7-1500 S7-200 S7-200 S7-300/400 LOGO! WinAC SINUMERIK SIMOTION Allen Bradley (EtherNet/IP) Allen Bradley (DF1) Mitsubishi (MC TCP/IP) Mitsubishi (FX)	Yes
Transfer (upload/download)  MPI/PROFIBUS DP  USB Ethernet using external storage medium  Process coupling S7-1200 S7-1500 S7-200 S7-200 S7-300/400 LOGO! WinAC SINUMERIK SIMOTION Allen Bradley (EtherNet/IP) Allen Bradley (DF1) Mitsubishi (MC TCP/IP) Mitsubishi (FX) OMRON (FINS TCP)	Yes
Transfer (upload/download)  MPI/PROFIBUS DP USB Ethernet using external storage medium  Process coupling S7-1200 S7-1500 S7-200 S7-200 S7-300/400 LOGO! WinAC SINUMERIK SIMOTION Allen Bradley (EtherNet/IP) Allen Bradley (DF1) Mitsubishi (MC TCP/IP) Mitsubishi (FX) OMRON (FINS TCP) OMRON (LINK/Multilink)	Yes
Transfer (upload/download)  MPI/PROFIBUS DP USB Ethernet using external storage medium  Process coupling S7-1200 S7-1500 S7-200 S7-200 S7-300/400 LOGO! WinAC SINUMERIK SIMOTION Allen Bradley (EtherNet/IP) Allen Bradley (DF1) Mitsubishi (MC TCP/IP) Mitsubishi (FX) OMRON (FINS TCP) OMRON (LINK/Multilink) Modicon (Modbus TCP/IP)	Yes
Transfer (upload/download)  MPI/PROFIBUS DP USB Ethernet using external storage medium  Process coupling S7-1200 S7-1500 S7-200 S7-200 S7-300/400 LOGO! WinAC SINUMERIK SIMOTION Allen Bradley (EtherNet/IP) Allen Bradley (DF1) Mitsubishi (MC TCP/IP) Mitsubishi (FX) OMRON (FINS TCP) OMRON (LINK/Multilink) Modicon (Modbus)	Yes
Transfer (upload/download)  MPI/PROFIBUS DP  USB Ethernet using external storage medium  Process coupling  S7-1200 S7-1500 S7-200 S7-300/400 LOGO! WinAC SINUMERIK SIMOTION Allen Bradley (EtherNet/IP) Allen Bradley (DF1) Mitsubishi (MC TCP/IP) Mitsubishi (FX) OMRON (FINS TCP) OMRON (LINK/Multilink) Modicon (Modbus) OPC UA Client	Yes
Transfer (upload/download)  MPI/PROFIBUS DP  USB Ethernet using external storage medium  Process coupling  S7-1200 S7-1500 S7-200 S7-200 S7-300/400 LOGO! WinAC SINUMERIK SIMOTION Allen Bradley (EtherNet/IP) Allen Bradley (DF1) Mitsubishi (MC TCP/IP) Mitsubishi (FX) OMRON (FINS TCP) OMRON (LINK/Multilink) Modicon (Modbus) OPC UA Client OPC UA Server	Yes
Transfer (upload/download)  MPI/PROFIBUS DP  USB Ethernet using external storage medium  Process coupling S7-1200 S7-1500 S7-200 S7-300/400 LOGO! WinAC SINUMERIK SIMOTION Allen Bradley (EtherNet/IP) Allen Bradley (DF1) Mitsubishi (MC TCP/IP) Mitsubishi (FX) OMRON (FINS TCP) OMRON (LINK/Multilink) Modicon (Modbus TCP/IP) Modicon (Modbus) OPC UA Client OPC UA Server  Service tools/configuration aids Backup/Restore manually	Yes
Transfer (upload/download)  MPI/PROFIBUS DP USB Ethernet using external storage medium  Process coupling S7-1200 S7-1500 S7-200 S7-300/400 LOGO! WinAC SINUMERIK SIMOTION Allen Bradley (EtherNet/IP) Allen Bradley (DF1) Mitsubishi (MC TCP/IP) Mitsubishi (FX) OMRON (FINS TCP) OMRON (LINK/Multilink) Modicon (Modbus TCP/IP) Modicon (Modbus) OPC UA Server  Service tools/configuration aids	Yes

Device switchover	Yes
Peripherals/Options	
Printer	Yes
SIMATIC HMI MM memory card: Multi Media Card	Yes; Up to 128 MB
SIMATIC HMI SD memory card: Secure Digital memory card	Yes; Up to 2 GB
SIMATIC HMI CF memory card Compact Flash Card	No
USB memory	Yes
SIMATIC IPC USB Flashdrive (USB stick)	Yes; Up to 16 GB
SIMATIC HMI USB stick	Yes; Up to 8 GB
Network camera	Yes
Mechanics/material	
Enclosure material (front)	
Plastic	No
<ul> <li>Aluminum</li> </ul>	Yes
Stainless steel	No
Dimensions	
Width of the housing front	214 mm
Height of housing front	158 mm
Mounting cutout, width	197 mm
Mounting cutout, height	141 mm
Overall depth	63 mm
Weights	
Weight (without packaging)	1.4 kg
Weight (with packaging)	1.6 kg

1/24/2022 🖸

last modified: