## **SIEMENS**

## **Data sheet**



SIMATIC HMI TP1200 Comfort, Comfort Panel, touch operation, 12" 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

General information	
Product type designation	TP1200 Comfort
Display	
Design of display	TFT
Screen diagonal	12.1 in
Display width	261.1 mm
Display height	163.2 mm
Number of colors	16 777 216
Resolution (pixels)	
<ul> <li>Horizontal image resolution</li> </ul>	1 280 pixel
Vertical image resolution	800 pixel
Backlighting	
<ul> <li>MTBF backlighting (at 25 °C)</li> </ul>	80 000 h
Backlight dimmable	Yes; 0-100 %
Control elements	
Keyboard fonts	
<ul> <li>Function keys</li> </ul>	
<ul> <li>Number of function keys</li> </ul>	0
<ul> <li>Number of function keys with LEDs</li> </ul>	0
<ul> <li>Keys with LED</li> </ul>	No
<ul> <li>System keys</li> </ul>	No
Numeric keyboard	Yes; Onscreen keyboard
alphanumeric keyboard	Yes; Onscreen keyboard
Touch operation	
Design as touch screen	Yes; Analog-resistive
Expansions for operator control of the process	
<ul> <li>DP direct LEDs (LEDs as S7 output I/O)</li> </ul>	
— F1Fx	0
<ul> <li>Direct keys (keys as S7 input I/O)</li> </ul>	
— F1Fx	0
Direct keys (touch buttons as S7 input I/O)	40
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	
Type of supply voltage	DC

Rated value (DC)	24 V
permissible range, lower limit (DC)	19.2 V
permissible range, lower limit (DC)	28.8 V
Input current	20.0 V
	0.85 A
Current consumption (rated value)	0.55 A <sup>2</sup> ·s
Starting current inrush I²t	0.5 A-S
Power	00 W
Active power input, typ.	20 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
<ul> <li>Number of ports of the integrated switch</li> </ul>	2
Protocols	
PROFINET	Yes
Supports protocol for PROFINET IO	Yes
IRT	Yes; As of WinCC V12
PROFIBUS	Yes
EtherNet/IP	Yes
MPI	Yes
Protocols (Ethernet)	
• TCP/IP	Yes
• DHCP	Yes
• SNMP	Yes
• DCP	Yes
• LLDP	Yes
WEB characteristics	,
HTTP	Yes
• HTTPS	Yes
• HTML	Yes
	100
• XML	Yes

• CSS	Yes
Active X	Yes
JavaScript	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	Var. 07 aankallan
Diagnostic information readable	Yes; S7 controller
EMC	
Emission of radio interference acc. to EN 55 011	Vac
<ul><li>Limit class A, for use in industrial areas</li><li>Limit class B, for use in residential areas</li></ul>	Yes
•	No
Degree and class of protection	IP65
IP (at the front)	IP20
IP (rear) NEMA (front)	II ZU
` '	Yes
<ul> <li>Enclosure Type 4 at the front</li> <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
• cULus Class I Zone 1	No
• cULus Class I Zone 2, Division 2	Yes
• FM Class I Division 2	Yes
Marine approval	
Germanischer Lloyd (GL)	Yes; As of product version: 10
American Bureau of Shipping (ABS)	Yes; As of product version: 10
Bureau Veritas (BV)	Yes; As of product version: 10
Det Norske Veritas (DNV)	Yes; As of product version: 10
Lloyds Register of Shipping (LRS)	Yes; As of product version: 10
Nippon Kaiji Kyokai (Class NK)	Yes; As of product version: 10
Polski Rejestr Statkow (PRS)	No
Ambient conditions	
Suited for indoor use	Yes
Suited for outdoor use	No
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)	
— For vertical installation, min.	0 °C
— For vertical installation, max.	40 °C
Operation (max. tilt angle, portrait format)	
— At maximum tilt angle, min.	0 °C
<ul> <li>At maximum tilt angle, max.</li> </ul>	35 °C

Ambient temperature during standard (temperature)	
Ambient temperature during storage/transportation	20 °C
• min.	-20 °C
• max.	60 °C
Relative humidity	00.0/
Operation, max.	90 %; no condensation
Operating systems	
proprietary	No
pre-installed operating system	v
Windows CE	Yes
configuration / header	
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	Ma
STEP 7 Basic (TIA Portal)     STEP 7 Professional (TIA Portal)	No No
<ul> <li>STEP 7 Professional (TIA Portal)</li> <li>WinCC flexible Compact</li> </ul>	No No
WinCC flexible Compact     WinCC flexible Standard	No No
WinCC flexible Standard     WinCC flexible Advanced	No
WINCC TIEXIDIE Advanced     WinCC Basic (TIA Portal)	No
Wincc Basic (TA Portal)     Wincc Comfort (TIA Portal)	Yes; from V11
Wincc Conflict (TIA Portal)     WinCC Advanced (TIA Portal)	Yes; from V11
WinCC Advanced (TIA Fortal)     WinCC Professional (TIA Portal)	Yes; from V11
Languages	100, HOIII V I I
Online languages	
Number of online/runtime languages	32
Project languages	02
Languages per project	32
Functionality under WinCC (TIA Portal)	02
Libraries	Yes
	100
ENTINGUITA VITUALIA	
Applications/options  • Web browser	Yes
Web browser     Pocket Word	Yes Yes
Web browser     Pocket Word	
Web browser	Yes
<ul><li>Web browser</li><li>Pocket Word</li><li>Pocket Excel</li><li>PDF Viewer</li></ul>	Yes Yes
<ul><li>Web browser</li><li>Pocket Word</li><li>Pocket Excel</li></ul>	Yes Yes Yes
<ul> <li>Web browser</li> <li>Pocket Word</li> <li>Pocket Excel</li> <li>PDF Viewer</li> <li>Media Player</li> </ul>	Yes Yes Yes Yes
<ul> <li>Web browser</li> <li>Pocket Word</li> <li>Pocket Excel</li> <li>PDF Viewer</li> <li>Media Player</li> <li>SIMATIC WinCC Sm@rtServer</li> </ul>	Yes Yes Yes Yes Yes
<ul> <li>Web browser</li> <li>Pocket Word</li> <li>Pocket Excel</li> <li>PDF Viewer</li> <li>Media Player</li> <li>SIMATIC WinCC Sm@rtServer</li> <li>SIMATIC WinCC Audit</li> </ul>	Yes Yes Yes Yes Yes Yes Yes
Web browser  Pocket Word  Pocket Excel  PDF Viewer  Media Player  SIMATIC WinCC Sm@rtServer  SIMATIC WinCC Audit  Number of Visual Basic Scripts	Yes Yes Yes Yes Yes Yes Yes
Web browser     Pocket Word     Pocket Excel     PDF Viewer     Media Player     SIMATIC WinCC Sm@rtServer     SIMATIC WinCC Audit  Number of Visual Basic Scripts  Task planner	Yes Yes Yes Yes Yes Yes Yes Yes
Web browser     Pocket Word     Pocket Excel     PDF Viewer     Media Player     SIMATIC WinCC Sm@rtServer     SIMATIC WinCC Audit  Number of Visual Basic Scripts  Task planner     time-controlled	Yes Yes Yes Yes Yes Yes Yes Yes Yes
Web browser     Pocket Word     Pocket Excel     PDF Viewer     Media Player     SIMATIC WinCC Sm@rtServer     SIMATIC WinCC Audit  Number of Visual Basic Scripts  Task planner     time-controlled     task-controlled	Yes Yes Yes Yes Yes Yes Yes Yes Yes
Web browser     Pocket Word     Pocket Excel     PDF Viewer     Media Player     SIMATIC WinCC Sm@rtServer     SIMATIC WinCC Audit  Number of Visual Basic Scripts  Task planner     time-controlled     task-controlled  Message system	Yes
Web browser     Pocket Word     Pocket Excel     PDF Viewer     Media Player     SIMATIC WinCC Sm@rtServer     SIMATIC WinCC Audit Number of Visual Basic Scripts  Task planner     time-controlled     task-controlled  Message system     Number of alarm classes	Yes
Web browser     Pocket Word     Pocket Excel     PDF Viewer     Media Player     SIMATIC WinCC Sm@rtServer     SIMATIC WinCC Audit  Number of Visual Basic Scripts  Task planner     time-controlled     task-controlled  Message system     Number of alarm classes     Bit messages	Yes
Web browser     Pocket Word     Pocket Excel     PDF Viewer     Media Player     SIMATIC WinCC Sm@rtServer     SIMATIC WinCC Audit  Number of Visual Basic Scripts  Task planner     time-controlled     task-controlled  Message system      Number of alarm classes     Bit messages     — Number of bit messages     Analog messages     — Number of analog messages	Yes
Web browser     Pocket Word     Pocket Excel     PDF Viewer     Media Player     SIMATIC WinCC Sm@rtServer     SIMATIC WinCC Audit  Number of Visual Basic Scripts  Task planner     time-controlled     task-controlled  Message system  Number of alarm classes     Bit messages     Number of bit messages     Analog messages	Yes Yes Yes Yes Yes Yes Yes Yes Yes  Yes  Yes  Yes  Yes  Yes  Yes  Yes
Web browser     Pocket Word     Pocket Excel     PDF Viewer     Media Player     SIMATIC WinCC Sm@rtServer     SIMATIC WinCC Audit  Number of Visual Basic Scripts  Task planner     time-controlled     task-controlled  Message system      Number of alarm classes     Bit messages     — Number of bit messages     Analog messages     — Number of analog messages	Yes Yes Yes Yes Yes Yes Yes Yes Yes  Yes Yes
Web browser     Pocket Word     Pocket Excel     PDF Viewer     Media Player     SIMATIC WinCC Sm@rtServer     SIMATIC WinCC Audit Number of Visual Basic Scripts  Task planner     time-controlled     task-controlled  Message system     Number of alarm classes     Bit messages     — Number of bit messages     — Analog messages     — Number of analog messages     S7 alarm number procedure	Yes
Web browser     Pocket Word     Pocket Excel     PDF Viewer     Media Player     SIMATIC WinCC Sm@rtServer     SIMATIC WinCC Audit Number of Visual Basic Scripts  Task planner     time-controlled     task-controlled     task-controlled  Message system     Number of alarm classes     Bit messages     — Number of bit messages     Analog messages     — Number of analog messages     S7 alarm number procedure     System messages HMI     System event, more (SIMATIC S7, SINUMERIK,	Yes Yes Yes Yes Yes Yes Yes Yes Yes  Yes  Yes  Yes  Yes  Yes  Yes  Yes  Yes  Yes  Yes  Yes  Yes  Yes
Web browser Pocket Word Pocket Excel PDF Viewer Media Player SIMATIC WinCC Sm@rtServer SIMATIC WinCC Audit Number of Visual Basic Scripts  Task planner time-controlled task-controlled Message system Number of alarm classes Bit messages Number of bit messages Analog messages Number of analog messages S7 alarm number procedure System messages HMI System event, more (SIMATIC S7, SINUMERIK, SIMOTION,)	Yes Yes Yes Yes Yes Yes Yes Yes Yes  Yes  Yes  Yes  Yes  Yes  Yes  Yes  Yes  Yes  Yes  Yes  Yes  Yes  Yes  Yes  Yes  Yes  Yes  Yes  Yes  Yes
Web browser     Pocket Word     Pocket Excel     PDF Viewer     Media Player     SIMATIC WinCC Sm@rtServer     SIMATIC WinCC Audit  Number of Visual Basic Scripts  Task planner     time-controlled     task-controlled  Message system      Number of alarm classes     Bit messages     — Number of bit messages     Analog messages     — Number of analog messages     S7 alarm number procedure     System messages HMI     System event, more (SIMATIC S7, SINUMERIK, SIMOTION,)     Number of characters per message	Yes Yes Yes Yes Yes Yes Yes Yes Yes  Yes Yes
Web browser     Pocket Word     Pocket Excel     PDF Viewer     Media Player     SIMATIC WinCC Sm@rtServer     SIMATIC WinCC Audit Number of Visual Basic Scripts  Task planner     time-controlled     task-controlled     task-controlled  Message system      Number of alarm classes     Bit messages     — Number of bit messages     — Number of analog messages     S7 alarm number procedure     System messages HMI     System event, more (SIMATIC S7, SINUMERIK, SIMOTION,)     Number of characters per message     Number of process values per message	Yes Yes Yes Yes Yes Yes Yes Yes Yes  Yes Yes
Web browser     Pocket Word     Pocket Excel     PDF Viewer     Media Player     SIMATIC WinCC Sm@rtServer     SIMATIC WinCC Audit Number of Visual Basic Scripts  Task planner     time-controlled     task-controlled     task-controlled  Message system     Number of alarm classes     Bit messages     — Number of bit messages     — Number of analog messages     S7 alarm number procedure     System messages HMI     System event, more (SIMATIC S7, SINUMERIK, SIMOTION,)     Number of process values per message     Number of process values per message     Acknowledgment groups	Yes Yes Yes Yes Yes Yes Yes Yes Yes  Yes Yes
Web browser     Pocket Word     Pocket Excel     PDF Viewer     Media Player     SIMATIC WinCC Sm@rtServer     SIMATIC WinCC Audit Number of Visual Basic Scripts  Task planner     time-controlled     task-controlled  Message system     Number of alarm classes     Bit messages     — Number of bit messages     — Number of analog messages     — Number of analog messages     S7 alarm number procedure     System messages HMI     System event, more (SIMATIC S7, SINUMERIK, SIMOTION,)     Number of characters per message     Number of process values per message     Acknowledgment groups     Message indicator	Yes Yes Yes Yes Yes Yes Yes Yes Yes  Yes Yes

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	
<ul> <li>Number of configurable images</li> </ul>	500
<ul> <li>Permanent window/default</li> </ul>	Yes
Global image	Yes
<ul> <li>Pop-up images</li> </ul>	Yes
Slide-in images	Yes
<ul> <li>Image selection by PLC</li> </ul>	Yes
Image number in the PLC	Yes
Image objects	
<ul> <li>Number of objects per image</li> </ul>	400
Text fields	Yes
• I/O fields	Yes
Graphic I/O fields (graphics list)	Yes
Symbolic I/O fields (text list)	Yes
Date/time fields	Yes
Switches	Yes
Buttons     Craphic display	Yes
Graphic display	Yes
Coometric objects	Yes Yes
Geometric objects  Complex image objects	100
Number of complex objects per screen	20
Alarm view	Yes
Trend view	Yes
User view	Yes
Status/control	Yes
Sm@rtClient view	Yes
Recipe view	Yes
• f(x) trend view	Yes
System diagnostics view	Yes
Media Player	Yes
HTML browser	Yes
PDF display	Yes
• IP camera display	Yes
Bar graphs	Yes
• Sliders	Yes
<ul> <li>Pointer instruments</li> </ul>	Yes
Analog/digital clock	Yes
Lists	
<ul> <li>Number of text lists per project</li> </ul>	500
Number of entries per text list	500
Number of graphics lists per project	500
Number of entries per graphics list	500
Archiving	50
Number of archives per device	50
Number of entries per archive	20 000
Message archive	Yes
Process value archive  And hidean and the de-	Yes
Archiving methods     Sequential graphics	Von
— Sequential archive	Yes
— Short-term archive	Yes

<ul> <li>Memory location</li> </ul>	
— Memory card	Yes
— USB memory	Yes
— Ethernet	Yes
Data storage format	
— CSV	Yes
— TXT	Yes
— RDB	Yes
Security	
Number of user groups	50
Number of user rights	32
Number of users	50
Password export/import	Yes
SIMATIC Logon	Yes
Logging through printer	
Alarms	Yes
Report (shift log)	Yes
Hardcopy	Yes
Electronic print to file	Yes; PDF, HTML
Character sets	100, 1 DI , ITTIVIL
Keyboard fonts	
Keyboard forts  - US English	Yes
	1 05
Transfer (upload/download)	Voc
MPI/PROFIBUS DP	Yes
• USB	Yes
• Ethernet	Yes
using external storage medium	Yes
Process coupling	
• S7-1200	Yes
• S7-1500	Yes
• S7-200	Yes
• S7-300/400	Yes
• LOGO!	Yes
\A/: A O	
WinAC	Yes
• SINUMERIK	Yes; with SINUMERIK option package
• SINUMERIK	Yes; with SINUMERIK option package
<ul><li>SINUMERIK</li><li>SIMOTION</li></ul>	Yes; with SINUMERIK option package Yes
<ul><li>SINUMERIK</li><li>SIMOTION</li><li>Allen Bradley (EtherNet/IP)</li></ul>	Yes; with SINUMERIK option package Yes Yes
<ul> <li>SINUMERIK</li> <li>SIMOTION</li> <li>Allen Bradley (EtherNet/IP)</li> <li>Allen Bradley (DF1)</li> </ul>	Yes; with SINUMERIK option package Yes Yes Yes
<ul> <li>SINUMERIK</li> <li>SIMOTION</li> <li>Allen Bradley (EtherNet/IP)</li> <li>Allen Bradley (DF1)</li> <li>Mitsubishi (MC TCP/IP)</li> </ul>	Yes; with SINUMERIK option package Yes Yes Yes Yes
<ul> <li>SINUMERIK</li> <li>SIMOTION</li> <li>Allen Bradley (EtherNet/IP)</li> <li>Allen Bradley (DF1)</li> <li>Mitsubishi (MC TCP/IP)</li> <li>Mitsubishi (FX)</li> </ul>	Yes; with SINUMERIK option package Yes Yes Yes Yes Yes Yes
<ul> <li>SINUMERIK</li> <li>SIMOTION</li> <li>Allen Bradley (EtherNet/IP)</li> <li>Allen Bradley (DF1)</li> <li>Mitsubishi (MC TCP/IP)</li> <li>Mitsubishi (FX)</li> <li>OMRON (FINS TCP)</li> </ul>	Yes; with SINUMERIK option package Yes Yes Yes Yes Yes Yes No
<ul> <li>SINUMERIK</li> <li>SIMOTION</li> <li>Allen Bradley (EtherNet/IP)</li> <li>Allen Bradley (DF1)</li> <li>Mitsubishi (MC TCP/IP)</li> <li>Mitsubishi (FX)</li> <li>OMRON (FINS TCP)</li> <li>OMRON (LINK/Multilink)</li> </ul>	Yes; with SINUMERIK option package Yes Yes Yes Yes Yes Yes Yes Yes Yes
<ul> <li>SINUMERIK</li> <li>SIMOTION</li> <li>Allen Bradley (EtherNet/IP)</li> <li>Allen Bradley (DF1)</li> <li>Mitsubishi (MC TCP/IP)</li> <li>Mitsubishi (FX)</li> <li>OMRON (FINS TCP)</li> <li>OMRON (LINK/Multilink)</li> <li>Modicon (Modbus TCP/IP)</li> </ul>	Yes; with SINUMERIK option package Yes Yes Yes Yes Yes No Yes Yes
<ul> <li>SINUMERIK</li> <li>SIMOTION</li> <li>Allen Bradley (EtherNet/IP)</li> <li>Allen Bradley (DF1)</li> <li>Mitsubishi (MC TCP/IP)</li> <li>Mitsubishi (FX)</li> <li>OMRON (FINS TCP)</li> <li>OMRON (LINK/Multilink)</li> <li>Modicon (Modbus TCP/IP)</li> <li>Modicon (Modbus)</li> </ul>	Yes; with SINUMERIK option package Yes Yes Yes Yes Yes Yes Yes No Yes Yes Yes
<ul> <li>SINUMERIK</li> <li>SIMOTION</li> <li>Allen Bradley (EtherNet/IP)</li> <li>Allen Bradley (DF1)</li> <li>Mitsubishi (MC TCP/IP)</li> <li>Mitsubishi (FX)</li> <li>OMRON (FINS TCP)</li> <li>OMRON (LINK/Multilink)</li> <li>Modicon (Modbus TCP/IP)</li> <li>Modicon (Modbus)</li> <li>OPC UA Client</li> </ul>	Yes; with SINUMERIK option package Yes Yes Yes Yes Yes Yes Yes Yes No Yes Yes Yes Yes
<ul> <li>SINUMERIK</li> <li>SIMOTION</li> <li>Allen Bradley (EtherNet/IP)</li> <li>Allen Bradley (DF1)</li> <li>Mitsubishi (MC TCP/IP)</li> <li>Mitsubishi (FX)</li> <li>OMRON (FINS TCP)</li> <li>OMRON (LINK/Multilink)</li> <li>Modicon (Modbus TCP/IP)</li> <li>Modicon (Modbus)</li> <li>OPC UA Client</li> <li>OPC UA Server</li> </ul>	Yes; with SINUMERIK option package Yes Yes Yes Yes Yes Yes Yes Yes No Yes Yes Yes Yes
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; with SINUMERIK option package Yes Yes Yes Yes Yes Yes Yes Yes No Yes Yes Yes Yes Yes Yes
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	Yes; with SINUMERIK option package Yes Yes Yes Yes Yes No Yes Yes Yes Yes Yes Yes Yes Yes Yes
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 Backup/Restore automatically	Yes; with SINUMERIK option package Yes Yes Yes Yes Yes No Yes Yes Yes Yes Yes Yes Yes Yes Yes
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 Backup/Restore automatically Simulation Device switchover	Yes; with SINUMERIK option package Yes Yes Yes Yes Yes No Yes
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 Backup/Restore automatically Simulation Device switchover  Peripherals/Options	Yes; with SINUMERIK option package Yes Yes Yes Yes Yes Yes No Yes
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 Backup/Restore automatically Simulation Device switchover  Peripherals/Options Printer	Yes; with SINUMERIK option package Yes Yes Yes Yes Yes No Yes
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 Backup/Restore automatically Simulation Device switchover  Peripherals/Options  Printer  SIMATIC HMI MM memory card: Multi Media Card	Yes; with SINUMERIK option package Yes Yes Yes Yes Yes No Yes
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 Backup/Restore automatically Simulation Device switchover  Peripherals/Options  Printer  SIMATIC HMI MM memory card: Multi Media Card SIMATIC HMI SD memory card: Secure Digital memory card	Yes; with SINUMERIK option package Yes Yes Yes Yes Yes No Yes
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 TCP/IP) Modicon (Modbus) OPC UA Client OPC UA Server  Service tools/configuration aids Backup/Restore manually Backup/Restore automatically Simulation Device switchover  Peripherals/Options  Printer  SIMATIC HMI MM memory card: Multi Media Card SIMATIC HMI SD memory card Compact Flash Card	Yes; with SINUMERIK option package Yes Yes Yes Yes Yes No Yes
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 Backup/Restore automatically Simulation Device switchover  Peripherals/Options  Printer  SIMATIC HMI MM memory card: Multi Media Card SIMATIC HMI SD memory card Compact Flash Card USB memory	Yes; with SINUMERIK option package Yes Yes Yes Yes Yes Yes No Yes
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 Backup/Restore automatically Simulation Device switchover  Peripherals/Options  Printer SIMATIC HMI MM memory card: Multi Media Card SIMATIC HMI SD memory card Compact Flash Card USB memory SIMATIC IPC USB Flashdrive (USB stick)	Yes; with SINUMERIK option package Yes Yes Yes Yes Yes No Yes
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 Backup/Restore automatically Simulation Device switchover  Peripherals/Options  Printer  SIMATIC HMI MM memory card: Multi Media Card SIMATIC HMI SD memory card Compact Flash Card USB memory	Yes; with SINUMERIK option package Yes Yes Yes Yes Yes Yes No Yes

Mechanics/material	
Enclosure material (front)	
<ul> <li>Plastic</li> </ul>	No
<ul> <li>Aluminum</li> </ul>	Yes
Stainless steel	No
Dimensions	
Width of the housing front	330 mm
Height of housing front	241 mm
Mounting cutout, width	310 mm
Mounting cutout, height	221 mm
Overall depth	64 mm
Weights	
Weight (without packaging)	2.8 kg
Weight (with packaging)	3.5 kg

last modified: 4/10/2024 🖸