6AV2124-0XC02-0AX1

Data sheet



SIMATIC HMI TP2200 Comfort, Comfort Panel, Touch operation, 22" widescreen TFT display, 16 million colors, PROFINET interface, MPI/PROFIBUS DP interface, 24 MB configuration memory, WEC 2013, configurable from WinCC Comfort V14 SP1 with HSP

General information	
Product type designation	TP2200 Comfort
Display	
Design of display	TFT
Screen diagonal	21.5 in
Display width	475.2 mm
Display height	267.3 mm
Number of colors	16 777 216
Resolution (pixels)	
 Horizontal image resolution 	1 920 pixel
 Vertical image resolution 	1 080 pixel
Backlighting	
 MTBF backlighting (at 25 °C) 	30 000 h
 Backlight dimmable 	Yes; 0-100 %
Control elements	
Keyboard fonts	
 Function keys 	
 Number of 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	
Design as touch screen	Yes
Expansions for operator control of the process	
 Direct keys (touch buttons as S7 input I/O) 	40
Installation type/mounting	
Mounting position	vertical
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, upper limit (DC) Input current Current consumption (rated value) Starting current inrush I²t Power Active power input, typ. Processor Processor type 28.8 V 1.7 A 0.5 A²-s 41 W 24 W 25 V 26 V 28 N V 41 V 41 W 26 V 27 N N N N N N N N N N N N N N N N N N N	
Current consumption (rated value) Starting current inrush I²t 0.5 A²-s Power Active power input, typ. 41 W Processor Processor type X86	
Starting current inrush I²t Power Active power input, typ. Processor Processor type X86	
Starting current inrush I²t 0.5 A²-s Power Active power input, typ. 41 W Processor Processor type X86	
Power Active power input, typ. Processor Processor type X86	
Active power input, typ. 41 W Processor Processor type X86	
Processor type X86	
Processor type X86	
Memory	
Flash Yes	
RAM Yes	
Memory available for user data 24 Mbyte	
Type of output	
Info LED No	
Power LED No	
Error LED No	
Acoustics	
• Buzzer No	
• Speaker Yes	
Time of day	
Clock	
Hardware clock (real-time) Yes	
Software clock Yes	
• retentive Yes; Back-up duration typically 6 weeks	
• synchronizable Yes	
Interfaces	
Number of industrial Ethernet interfaces 2; 2 ports (switch) + independent port	
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, together with NO 403	
Number of USB interfaces 2; USB 2.0	
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	
Number of ports of the integrated switch 2	
Protocols	
PROFINET Yes	
Supports protocol for PROFINET IO Yes	
IRT Yes	
IRT Yes PROFIBUS Yes	
IRT Yes PROFIBUS Yes EtherNet/IP Yes	
IRT Yes PROFIBUS Yes EtherNet/IP Yes MPI Yes	
IRT Yes PROFIBUS Yes EtherNet/IP Yes MPI Yes Protocols (Ethernet) Yes	
IRT Yes PROFIBUS Yes EtherNet/IP Yes MPI Yes Protocols (Ethernet) Yes	
IRT Yes PROFIBUS Yes EtherNet/IP Yes MPI Yes Protocols (Ethernet) Yes • TCP/IP Yes • DHCP Yes	
IRT Yes PROFIBUS Yes EtherNet/IP Yes MPI Yes Protocols (Ethernet) Yes • TCP/IP Yes • DHCP Yes • SNMP Yes	
IRT Yes PROFIBUS Yes EtherNet/IP Yes MPI Yes Protocols (Ethernet) Yes • TCP/IP Yes • DHCP Yes • SNMP Yes • DCP Yes	
IRT Yes PROFIBUS Yes EtherNet/IP Yes MPI Yes Protocols (Ethernet) Yes • TCP/IP Yes • DHCP Yes • SNMP Yes • DCP Yes • LLDP Yes	
IRT	
RT	
RT	
RT	

• CSS	Yes
 Active X 	Yes
 JavaScript 	Yes
Java VM	No
Redundancy mode	
Media redundancy	
— MRP	Yes
Further protocols	
• CAN	No
MODBUS	Yes
Interrupts/diagnostics/status information	
Diagnoses	
Diagnostic information readable	Yes; S7 controller
EMC	roo, or controller
Emission of radio interference acc. to EN 55 011	
	Voc
Limit class A, for use in industrial areas Limit class B, for use in residential areas	Yes
Limit class B, for use in residential areas	No
Degree and class of protection	IDAE
IP (at the front)	IP65
IP (rear)	IP20
NEMA (front)	
 Enclosure Type 4 at the front 	Yes
Enclosure Type 4x at the front	Yes
Standards, approvals, certificates	
CE mark	Yes
cULus	Yes
RCM (formerly C-TICK)	Yes
KC approval	Yes
FAC (formerly Cost D)	Yes
EAC (formerly Gost-R)	103
Use in hazardous areas	165
	Yes
Use in hazardous areas	
Use in hazardous areas • ATEX Zone 2	Yes
Use in hazardous areas • ATEX Zone 2 • ATEX Zone 22	Yes Yes
Use in hazardous areas • ATEX Zone 2 • ATEX Zone 22 • IECEx Zone 2	Yes Yes Yes
Use in hazardous areas • ATEX Zone 2 • ATEX Zone 22 • IECEx Zone 2 • IECEx Zone 22	Yes Yes Yes
Use in hazardous areas • ATEX Zone 2 • ATEX Zone 22 • IECEx Zone 2 • IECEx Zone 22 • cULus Class I Zone 1	Yes Yes Yes Yes No
Use in hazardous areas • ATEX Zone 2 • ATEX Zone 22 • IECEx Zone 2 • IECEx Zone 22 • cULus Class I Zone 1 • cULus Class I Zone 2, Division 2	Yes Yes Yes Yes Yes Yes Yes No Yes; For inscription on device rating plate
Use in hazardous areas • ATEX Zone 2 • ATEX Zone 22 • IECEx Zone 2 • IECEx Zone 22 • cULus Class I Zone 1 • cULus Class I Zone 2, Division 2 • cULus Class II Division 2	Yes Yes Yes Yes Yes Yes Yes No Yes; For inscription on device rating plate No; Available soon
Use in hazardous areas ATEX Zone 2 ATEX Zone 22 IECEx Zone 22 IECEx Zone 22 CULus Class I Zone 1 CULus Class I Zone 2, Division 2 CULus Class II Division 2 FM Class I Division 2	Yes Yes Yes Yes Yes No Yes; For inscription on device rating plate No; Available soon Yes; For inscription on device rating plate
Use in hazardous areas ATEX Zone 2 ATEX Zone 22 IECEX Zone 22 IECEX Zone 22 CULus Class I Zone 1 CULus Class I Zone 2, Division 2 CULus Class II Division 2 FM Class I Division 2	Yes Yes Yes Yes Yes No Yes; For inscription on device rating plate No; Available soon Yes; For inscription on device rating plate
Use in hazardous areas ATEX Zone 2 ATEX Zone 22 IECEX Zone 22 IECEX Zone 22 CULus Class I Zone 1 CULus Class I Zone 2, Division 2 CULus Class II Division 2 FM Class I Division 2 FM Class II Division 2 Marine approval	Yes Yes Yes Yes Yes No Yes; For inscription on device rating plate No; Available soon Yes; For inscription on device rating plate No; Available soon
Use in hazardous areas ATEX Zone 2 ATEX Zone 22 IECEx Zone 2 IECEx Zone 22 IECEx Zone 22 CULus Class I Zone 1 CULus Class I Zone 2, Division 2 CULus Class II Division 2 FM Class I Division 2 FM Class II Division 2	Yes Yes Yes Yes Yes No Yes; For inscription on device rating plate No; Available soon Yes; For inscription on device rating plate No; Available soon No
Use in hazardous areas ATEX Zone 2 ATEX Zone 22 IECEx Zone 2 IECEx Zone 22 IECEx Zone 22 CULus Class I Zone 1 CULus Class I Zone 2, Division 2 CULus Class II Division 2 FM Class I Division 2 FM Class II Division 2 Arrine approval Germanischer Lloyd (GL) American Bureau of Shipping (ABS)	Yes Yes Yes Yes No Yes; For inscription on device rating plate No; Available soon Yes; For inscription on device rating plate No; Available soon No; Available soon
Use in hazardous areas ATEX Zone 2 ATEX Zone 22 IECEx Zone 22 IECEx Zone 22 CULus Class I Zone 1 CULus Class I Zone 2, Division 2 CULus Class II Division 2 FM Class I Division 2 FM Class II Division 2 Arine approval Germanischer Lloyd (GL) American Bureau of Shipping (ABS) Bureau Veritas (BV)	Yes Yes Yes Yes No Yes; For inscription on device rating plate No; Available soon Yes; For inscription on device rating plate No; Available soon No; Available soon
Use in hazardous areas ATEX Zone 2 ATEX Zone 22 IECEX Zone 22 IECEX Zone 22 CULus Class I Zone 1 CULus Class I Zone 2, Division 2 CULus Class II Division 2 FM Class I Division 2 FM Class II Division 2 FM Class II Division 2 Arine approval Germanischer Lloyd (GL) American Bureau of Shipping (ABS) Bureau Veritas (BV) Det Norske Veritas (DNV)	Yes Yes Yes Yes No Yes; For inscription on device rating plate No; Available soon Yes; For inscription on device rating plate No; Available soon No No No No No
Use in hazardous areas ATEX Zone 2 ATEX Zone 22 IECEx Zone 22 IECEx Zone 22 CULus Class I Zone 1 CULus Class I Zone 2, Division 2 CULus Class II Division 2 FM Class I Division 2 FM Class II Division 2 FM Class II Division 2 FM Class II Division 2 Bureau Class II Division 2 Marine approval Germanischer Lloyd (GL) American Bureau of Shipping (ABS) Bureau Veritas (BV) Det Norske Veritas (DNV) Korean Register of Shipping (KRS)	Yes Yes Yes Yes No Yes; For inscription on device rating plate No; Available soon Yes; For inscription on device rating plate No; Available soon No No No No No No
Use in hazardous areas ATEX Zone 2 ATEX Zone 22 IECEx Zone 2 IECEx Zone 22 IECEx Zone 22 CULus Class I Zone 1 CULus Class I Zone 2, Division 2 CULus Class II Division 2 FM Class I Division 2 FM Class II Division 2 FM Class II Division 2 FM Class II Division 2 Burine approval Germanischer Lloyd (GL) American Bureau of Shipping (ABS) Bureau Veritas (BV) Det Norske Veritas (DNV) Korean Register of Shipping (KRS) Lloyds Register of Shipping (LRS)	Yes Yes Yes Yes No Yes; For inscription on device rating plate No; Available soon Yes; For inscription on device rating plate No; Available soon No No No No No No No No No
Use in hazardous areas ATEX Zone 2 ATEX Zone 22 IECEx Zone 2 IECEx Zone 22 IECEx Zone 22 CULus Class I Zone 1 CULus Class I Zone 2, Division 2 CULus Class II Division 2 FM Class I Division 2 FM Class II Division 2 FM Class II Division 2 FM Class II Division 2 Arrine approval Germanischer Lloyd (GL) American Bureau of Shipping (ABS) Bureau Veritas (BV) Det Norske Veritas (DNV) Korean Register of Shipping (KRS) Lloyds Register of Shipping (LRS) Nippon Kaiji Kyokai (Class NK)	Yes Yes Yes No Yes; For inscription on device rating plate No; Available soon Yes; For inscription on device rating plate No; Available soon No
Use in hazardous areas ATEX Zone 2 ATEX Zone 22 IECEx Zone 2 IECEx Zone 22 CULus Class I Zone 1 CULus Class I Zone 2, Division 2 CULus Class II Division 2 FM Class I Division 2 FM Class II Division 2 FM Class II Division 2 FM Class II Division 2 Marine approval Germanischer Lloyd (GL) American Bureau of Shipping (ABS) Bureau Veritas (BV) Det Norske Veritas (DNV) Korean Register of Shipping (KRS) Lloyds Register of Shipping (LRS) Nippon Kaiji Kyokai (Class NK) Polski Rejestr Statkow (PRS)	Yes Yes Yes Yes No Yes; For inscription on device rating plate No; Available soon Yes; For inscription on device rating plate No; Available soon No
Use in hazardous areas ATEX Zone 2 ATEX Zone 22 IECEx Zone 2 IECEx Zone 22 IECEx Zone 22 CULus Class I Zone 1 CULus Class I Zone 2, Division 2 CULus Class II Division 2 FM Class II Division 2 American Bureau of Shipping (ABS) Bureau Veritas (BV) Det Norske Veritas (DNV) Korean Register of Shipping (KRS) Lloyds Register of Shipping (LRS) Nippon Kaiji Kyokai (Class NK) Polski Rejestr Statkow (PRS) Chinese Classification Society (CCS)	Yes Yes Yes Yes No Yes; For inscription on device rating plate No; Available soon Yes; For inscription on device rating plate No; Available soon No
Use in hazardous areas ATEX Zone 2 ATEX Zone 22 IECEx Zone 2 IECEx Zone 22 IECEX Zone 22 CULus Class I Zone 1 CULus Class I Zone 2, Division 2 CULus Class II Division 2 FM Class II Division 2 FM Class II Division 2 Marine approval Germanischer Lloyd (GL) American Bureau of Shipping (ABS) Bureau Veritas (BV) Det Norske Veritas (DNV) Korean Register of Shipping (KRS) Lloyds Register of Shipping (LRS) Nippon Kaiji Kyokai (Class NK) Polski Rejestr Statkow (PRS) Chinese Classification Society (CCS)	Yes Yes Yes Yes No Yes; For inscription on device rating plate No; Available soon Yes; For inscription on device rating plate No; Available soon No
Use in hazardous areas ATEX Zone 2 ATEX Zone 22 IECEx Zone 2 IECEx Zone 22 CULus Class I Zone 1 CULus Class I Zone 2, Division 2 CULus Class I Division 2 FM Class I Division 2 FM Class I Division 2 FM Class II Division 2 FM Class II Division 2 American Bureau of Shipping (ABS) Bureau Veritas (BV) Det Norske Veritas (DNV) Korean Register of Shipping (KRS) Lloyds Register of Shipping (LRS) Nippon Kaiji Kyokai (Class NK) Polski Rejestr Statkow (PRS) Chinese Classification Society (CCS) Ambient conditions Suited for outdoor use	Yes Yes Yes Yes No Yes; For inscription on device rating plate No; Available soon Yes; For inscription on device rating plate No; Available soon No
Use in hazardous areas ATEX Zone 2 ATEX Zone 22 IECEx Zone 2 IECEx Zone 22 IECEx Zone 22 CULus Class I Zone 1 CULus Class I Zone 2, Division 2 CULus Class II Division 2 FM Class II Division 2 American Bureau of Shipping (ABS) Bureau Veritas (BV) Det Norske Veritas (DNV) Korean Register of Shipping (KRS) Lloyds Register of Shipping (LRS) Nippon Kaiji Kyokai (Class NK) Polski Rejestr Statkow (PRS) Chinese Classification Society (CCS) Ambient conditions Suited for outdoor use Ambient temperature during operation	Yes Yes Yes Yes No Yes; For inscription on device rating plate No; Available soon Yes; For inscription on device rating plate No; Available soon No
Use in hazardous areas ATEX Zone 2 ATEX Zone 22 IECEx Zone 2 IECEx Zone 22 IECEx Zone 22 CULus Class I Zone 1 CULus Class I Zone 2, Division 2 CULus Class II Division 2 FM Class II Division 2 Amarine approval Germanischer Lloyd (GL) American Bureau of Shipping (ABS) Bureau Veritas (BV) Det Norske Veritas (DNV) Korean Register of Shipping (KRS) Lloyds Register of Shipping (LRS) Nippon Kaiji Kyokai (Class NK) Polski Rejestr Statkow (PRS) Chinese Classification Society (CCS) Ambient conditions Suited for indoor use Suited for outdoor use Ambient temperature during operation Operation (vertical installation)	Yes Yes Yes Yes No Yes; For inscription on device rating plate No; Available soon Yes; For inscription on device rating plate No; Available soon No
Use in hazardous areas ATEX Zone 2 ATEX Zone 22 IECEx Zone 2 IECEx Zone 22 CULus Class I Zone 1 CULus Class I Zone 2, Division 2 CULus Class II Division 2 FM Class I Division 2 FM Class II Division 2 FM Class II Division 2 FM Class II Division 2 FM Class II Division 2 Marine approval Germanischer Lloyd (GL) American Bureau of Shipping (ABS) Bureau Veritas (BV) Det Norske Veritas (DNV) Korean Register of Shipping (KRS) Lloyds Register of Shipping (LRS) Nippon Kaiji Kyokai (Class NK) Polski Rejestr Statkow (PRS) Chinese Classification Society (CCS) Ambient conditions Suited for indoor use Ambient temperature during operation Operation (vertical installation) — For vertical installation, min.	Yes Yes Yes Yes No Yes; For inscription on device rating plate No; Available soon Yes; For inscription on device rating plate No; Available soon No
Use in hazardous areas ATEX Zone 2 ATEX Zone 22 IECEx Zone 2 IECEx Zone 22 CULus Class I Zone 1 CULus Class I Zone 2, Division 2 CULus Class II Division 2 FM Class I Division 2 FM Class II Division 2 FM Class II Division 2 FM Class II Division 2 Bureau Veritas (BV) Det Norske Veritas (DNV) Korean Register of Shipping (KRS) Lloyds Register of Shipping (LRS) Nippon Kaiji Kyokai (Class NK) Polski Rejestr Statkow (PRS) Chinese Classification Society (CCS) Ambient conditions Suited for indoor use Ambient temperature during operation Operation (vertical installation) — For vertical installation, min. — For vertical installation, max.	Yes Yes Yes Yes No Yes; For inscription on device rating plate No; Available soon Yes; For inscription on device rating plate No; Available soon No
Use in hazardous areas ATEX Zone 2 ATEX Zone 22 IECEx Zone 2 IECEx Zone 22 CULus Class I Zone 1 CULus Class I Zone 2, Division 2 CULus Class II Division 2 FM Class I Division 2 FM Class II Division 2 FM Class II Division 2 FM Class II Division 2 FM Class II Division 2 Marine approval Germanischer Lloyd (GL) American Bureau of Shipping (ABS) Bureau Veritas (BV) Det Norske Veritas (DNV) Korean Register of Shipping (KRS) Lloyds Register of Shipping (LRS) Nippon Kaiji Kyokai (Class NK) Polski Rejestr Statkow (PRS) Chinese Classification Society (CCS) Ambient conditions Suited for indoor use Ambient temperature during operation Operation (vertical installation) — For vertical installation, min.	Yes Yes Yes Yes No Yes; For inscription on device rating plate No; Available soon Yes; For inscription on device rating plate No; Available soon No

At the state of th	10.00
— At maximum tilt angle, min.	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
— At maximum tilt angle, min.	35 °C
Ambient temperature during storage/transportation	
• min.	-20 °C
• max.	60 °C
Relative humidity	
Operation, max.	90 %; no condensation
Operating systems	
proprietary	No
pre-installed operating system	
Windows CE	Yes; Windows Embedded Compact 2013
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	
STEP 7 Basic (TIA Portal)	No
STEP 7 Professional (TIA Portal)	No
WinCC flexible Compact	No
WinCC flexible Standard	No
WinCC flexible Advanced	No
WinCC Basic (TIA Portal)	No
WinCC Comfort (TIA Portal)	Yes; V14 SP1 HSP and higher
WinCC Advanced (TIA Portal)	Yes; V14 SP1 HSP and higher
WinCC Professional (TIA Portal)	Yes; V14 SP1 HSP and higher
Languages	166, VIA OF FRIOR and Higher
Online languages	22
Number of online/runtime languages Project languages	32
Project languages	20
Languages per project	32
Functionality under WinCC (TIA Portal)	· · · · · · · · · · · · · · · · · · ·
Libraries	Yes
Applications/options	
Web browser	Yes
Pocket Word	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
Message system	
 Number of alarm classes 	32
Bit messages	
 Number of bit messages 	6 000
 Analog messages 	
 Number of analog messages 	200
 S7 alarm number procedure 	Yes

Overham management LIMI	V
System messages HMI System messages (SIMATIC CZ, CINIUMEDIK)	Yes
 System event, more (SIMATIC S7, SINUMERIK, SIMOTION,) 	Yes
Number of characters per message	80
Number of process values per message Asknowledges and results	8
Acknowledgment groups	Yes
Message indicator	Yes
Recipe management	
Number of recipes	500
Data records per recipe	1 000
Entries per data record	2 000
 Size of internal recipe memory 	4 Mbyte
Recipe memory expandable	Yes
Variables	
 Number of variables per device 	4 096
 Number of variables per screen 	400
Limit values	Yes
 Multiplexing 	Yes
Structures	Yes
Arrays	Yes
Images	
Number of configurable images	750
Permanent window/default	Yes
Global image	Yes
Pop-up images	Yes
Slide-in images	Yes
Image selection by PLC	Yes
Image selection by TEO Image number in the PLC	Yes
Image objects	165
Number of objects per image	600
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	Yes
Graphic display	Yes
• Icons	Yes
Geometric objects	Yes
Complex image objects	
 Number of complex objects per screen 	40
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
- Day ayanka	Yes
Bar graphs	V
• Sliders	Yes
	Yes Yes

 Number of text lists per project 	500
 Number of entries per text list 	500
 Number of graphics lists per project 	500
Number of entries per graphics list	500
Archiving	
 Number of archives per device 	50
 Number of entries per archive 	50 000
 Message archive 	Yes
 Process value archive 	Yes
 Archiving methods 	
 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	165
Number of user groups	50
Number of user groupsNumber 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	
 Keyboard fonts 	
— US English	Yes
Transfer (upload/download)	
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
• S7-300/400 • LOGO!	Yes Yes
S7-300/400LOGO!WinAC	Yes Yes Yes
S7-300/400LOGO!WinACSINUMERIK	Yes Yes Yes Yes; With SINUMERIK option package as from WinCC V15 or higher
S7-300/400LOGO!WinACSINUMERIKSIMOTION	Yes Yes Yes Yes; With SINUMERIK option package as from WinCC V15 or higher Yes
 S7-300/400 LOGO! WinAC SINUMERIK SIMOTION Allen Bradley (EtherNet/IP) 	Yes Yes Yes Yes; With SINUMERIK option package as from WinCC V15 or higher Yes Yes
 S7-300/400 LOGO! WinAC SINUMERIK SIMOTION Allen Bradley (EtherNet/IP) Allen Bradley (DF1) 	Yes Yes Yes Yes; With SINUMERIK option package as from WinCC V15 or higher Yes Yes Yes
 S7-300/400 LOGO! WinAC SINUMERIK SIMOTION Allen Bradley (EtherNet/IP) Allen Bradley (DF1) Mitsubishi (MC TCP/IP) 	Yes Yes Yes Yes; With SINUMERIK option package as from WinCC V15 or higher Yes Yes Yes Yes Yes
 S7-300/400 LOGO! WinAC SINUMERIK SIMOTION Allen Bradley (EtherNet/IP) Allen Bradley (DF1) Mitsubishi (MC TCP/IP) Mitsubishi (FX) 	Yes Yes Yes; With SINUMERIK option package as from WinCC V15 or higher Yes Yes Yes Yes Yes Yes Yes
 S7-300/400 LOGO! WinAC SINUMERIK SIMOTION Allen Bradley (EtherNet/IP) Allen Bradley (DF1) Mitsubishi (MC TCP/IP) Mitsubishi (FX) OMRON (FINS TCP) 	Yes Yes Yes Yes; With SINUMERIK option package as from WinCC V15 or higher Yes Yes Yes Yes Yes Yes Yes No
 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 Yes Yes Yes; With SINUMERIK option package as from WinCC V15 or higher Yes
 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 Yes Yes; With SINUMERIK option package as from WinCC V15 or higher Yes
 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) 	Yes Yes Yes; With SINUMERIK option package as from WinCC V15 or higher Yes Yes Yes Yes Yes Yes Yes Yes Yes No Yes Yes Yes
 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 Yes Yes; With SINUMERIK option package as from WinCC V15 or higher Yes

Service tools/configuration aids	
 Backup/Restore manually 	Yes
 Backup/Restore automatically 	Yes
 Simulation 	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
Aluminum	Yes
Stainless steel	No
Dimensions	
Width of the housing front	560 mm
Height of housing front	380 mm
Mounting cutout, width	542 mm
Mounting cutout, height	362 mm
Overall depth	75 mm
Weights	
Weight (without packaging)	6.7 kg