SIEMENS

Data sheet

6AV2124-0GC01-0AX0



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

General information	
Product type designation	TP700 Comfort
Display	
Design of display	TFT
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 	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; Analog-resistive
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	

	DC
Type of supply voltage Rated value (DC)	24 V
permissible range, lower limit (DC)	24 V 19.2 V
permissible range, upper limit (DC)	19.2 V 28.8 V
Input current	
Current consumption (rated value)	0.5 A
Starting current inrush I ² t	0.5 A ² ·s
	0.5 A 'S
Power	40.101
Active power input, typ.	12 W
Processor	Voo
Processor type	X86
Memory	Y.
Flash	Yes
RAM	Yes
Memory available for user data	12 Mbyte
Type of output	Ne
	No
Power LED	No
Error LED Acoustics	No
Acoustics Buzzer	No
• Buzzer • Speaker	No Yes
• Speaker 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	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	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 Yes
LLDP WEB characteristics	Yes
• LLDP	

• HTML	Yes
• 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	
Diagnostic information readable	Yes; S7 controller
EMC	
Emission of radio interference acc. to EN 55 011	
Limit class A, for use in industrial areas	Yes
Limit class A, for use in industrial areas Limit class B, for use in residential areas	No
Degree and class of protection	
	IDEE
IP (at the front)	IP65
	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
KC approval	Tes
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 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 No Yes
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 • FM Class I Division 2	Yes Yes Yes No Yes
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 • FM Class I Division 2 Marine approval	Yes Yes Yes No Yes Yes
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 • FM Class I Division 2 Marine approval • Germanischer Lloyd (GL)	Yes Yes Yes No Yes Yes Yes
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 • FM Class I Division 2 Marine approval • Germanischer Lloyd (GL) • American Bureau of Shipping (ABS)	Yes Yes Yes No Yes Yes Yes
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 • FM Class I Division 2 Marine approval • Germanischer Lloyd (GL) • American Bureau of Shipping (ABS) • Bureau Veritas (BV)	Yes Yes Yes No Yes Yes Yes Yes
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 • FM Class I Division 2 Marine approval • Germanischer Lloyd (GL) • American Bureau of Shipping (ABS) • Bureau Veritas (BV) • Det Norske Veritas (DNV)	Yes Yes Yes Yes Yes Yes Yes Yes Yes
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 • FM Class I Division 2 Marine approval • Germanischer Lloyd (GL) • American Bureau of Shipping (ABS) • Bureau Veritas (BV) • Det Norske Veritas (DNV) • Lloyds Register of Shipping (LRS)	Yes Yes Yes No Yes Yes Yes Yes Yes Yes Yes
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 FM Class I Division 2 Marine approval Germanischer Lloyd (GL) American Bureau of Shipping (ABS) Bureau Veritas (BV) Det Norske Veritas (DNV) Lloyds Register of Shipping (LRS) Nippon Kaiji Kyokai (Class NK) Polski Rejestr Statkow (PRS)	Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes
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 FM Class I Division 2 Marine approval Germanischer Lloyd (GL) American Bureau of Shipping (ABS) Bureau Veritas (BV) Det Norske Veritas (DNV) Lloyds Register of Shipping (LRS) Nippon Kaiji Kyokai (Class NK) Polski Rejestr Statkow (PRS) Ambient conditions	Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes
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 FM Class I Division 2 Marine approval Germanischer Lloyd (GL) American Bureau of Shipping (ABS) Bureau Veritas (BV) Det Norske Veritas (DNV) Lloyds Register of Shipping (LRS) Nippon Kaiji Kyokai (Class NK) Polski Rejestr Statkow (PRS) Ambient conditions Ambient temperature during operation	Yes Yes Yes Yes Yes Yes Yes Yes Yes Yes
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 FM Class I Division 2 Marine approval Germanischer Lloyd (GL) American Bureau of Shipping (ABS) Bureau Veritas (BV) Det Norske Veritas (DNV) Lloyds Register of Shipping (LRS) Nippon Kaiji Kyokai (Class NK) Polski Rejestr Statkow (PRS) Ambient conditions Ambient temperature during operation Operation (vertical installation)	Yes Yes Yes No Yes Yes Yes Yes Yes Yes Yes Yes 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 FM Class I Division 2 Marine approval Germanischer Lloyd (GL) American Bureau of Shipping (ABS) Bureau Veritas (BV) Det Norske Veritas (DNV) Lloyds Register of Shipping (LRS) Nippon Kaiji Kyokai (Class NK) Polski Rejestr Statkow (PRS) Ambient conditions Ambient temperature during operation Operation (vertical installation) — For vertical installation, min.	Yes Yes Yes No Yes Yes Yes Yes Yes Yes Yes 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 FM Class I Division 2 Marine approval Germanischer Lloyd (GL) American Bureau of Shipping (ABS) Bureau Veritas (BV) Det Norske Veritas (DNV) Lloyds Register of Shipping (LRS) Nippon Kaiji Kyokai (Class NK) Polski Rejestr Statkow (PRS) Ambient conditions Ambient temperature during operation Operation (vertical installation) — For vertical installation, min. — For vertical installation, max.	Yes Yes Yes No Yes Yes Yes Yes Yes Yes Yes Yes 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 FM Class I Division 2 Marine approval Germanischer Lloyd (GL) American Bureau of Shipping (ABS) Bureau Veritas (BV) Det Norske Veritas (DNV) Lloyds Register of Shipping (LRS) Nippon Kaiji Kyokai (Class NK) Polski Rejestr Statkow (PRS) Ambient conditions Ambient temperature during operation Operation (vertical installation, min. — For vertical installation, max. Operation (max. tilt angle)	Yes Yes Yes Yes No Yes Yes Yes Yes Yes Yes Yes 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 FM Class I Division 2 Marine approval Germanischer Lloyd (GL) American Bureau of Shipping (ABS) Bureau Veritas (BV) Det Norske Veritas (DNV) Lloyds Register of Shipping (LRS) Nippon Kaiji Kyokai (Class NK) Polski Rejestr Statkow (PRS) Ambient conditions Ambient temperature during operation Operation (vertical installation) — For vertical installation, min. — For vertical installation, max. Operation (max. tilt angle) — At maximum tilt angle, min.	Yes Yes Yes Yes No Yes Yes Yes Yes Yes Yes Yes No O °C 50 °C; (55 °C, see entry ID: 64847814)
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 FM Class I Division 2 Marine approval Germanischer Lloyd (GL) American Bureau of Shipping (ABS) Bureau Veritas (BV) Det Norske Veritas (DNV) Lloyds Register of Shipping (LRS) Nippon Kaiji Kyokai (Class NK) Polski Rejestr Statkow (PRS) Ambient conditions Ambient temperature during operation Operation (vertical installation) — For vertical installation, min. — For vertical installation, max. Operation (max. tilt angle) — At maximum tilt angle, max.	Yes Yes Yes Yes No Yes Yes Yes Yes Yes Yes Yes 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 FM Class I Division 2 Marine approval Germanischer Lloyd (GL) American Bureau of Shipping (ABS) Bureau Veritas (BV) Det Norske Veritas (DNV) Lloyds Register of Shipping (LRS) Nippon Kaiji Kyokai (Class NK) Polski Rejestr Statkow (PRS) Ambient conditions Ambient temperature during operation Operation (vertical installation) — For vertical installation, min. — For vertical installation, max. Operation (max. tilt angle) — At maximum tilt angle, max. Operation (vertical installation, portrait format)	Yes Yes Yes No Yes Yes Yes Yes Yes Yes Yes No 0 °C 50 °C; (55 °C, see entry ID: 64847814) 0 °C 40 °C
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 FM Class I Division 2 Marine approval Germanischer Lloyd (GL) American Bureau of Shipping (ABS) Bureau Veritas (BV) Det Norske Veritas (DNV) Lloyds Register of Shipping (LRS) Nippon Kaiji Kyokai (Class NK) Polski Rejestr Statkow (PRS) Ambient conditions Ambient temperature during operation Operation (vertical installation) — For vertical installation, min. — For vertical installation, max. Operation (max. tilt angle) — At maximum tilt angle, max. Operation (vertical installation, portrait format) — For vertical installation, min.	Yes Yes Yes No Yes Yes Yes Yes Yes Yes Yes Yes No O °C 50 °C; (55 °C, see entry ID: 64847814) O °C 40 °C
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 FM Class I Division 2 Marine approval Germanischer Lloyd (GL) American Bureau of Shipping (ABS) Bureau Veritas (BV) Det Norske Veritas (DNV) Lloyds Register of Shipping (LRS) Nippon Kaiji Kyokai (Class NK) Polski Rejestr Statkow (PRS) Ambient conditions Ambient temperature during operation Operation (vertical installation) — For vertical installation, min. — For vertical installation, max. Operation (max. tilt angle) — At maximum tilt angle, max. Operation (vertical installation, portrait format) — For vertical installation, min. — For vertical installation, min. — At maximum tilt angle, max.	Yes Yes Yes No Yes Yes Yes Yes Yes Yes Yes No 0 °C 50 °C; (55 °C, see entry ID: 64847814) 0 °C 40 °C
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 FM Class I Division 2 Marine approval Germanischer Lloyd (GL) American Bureau of Shipping (ABS) Bureau Veritas (BV) Det Norske Veritas (DNV) Lloyds Register of Shipping (LRS) Nippon Kaiji Kyokai (Class NK) Polski Rejestr Statkow (PRS) Ambient conditions Ambient temperature during operation Operation (vertical installation) — For vertical installation, min. — For vertical installation, max. Operation (max. tilt angle) — At maximum tilt angle, max. Operation (vertical installation, portrait format) — For vertical installation, min.	Yes Yes Yes No Yes Yes Yes Yes Yes Yes Yes Yes No O °C 50 °C; (55 °C, see entry ID: 64847814) O °C 40 °C

- At maximum tilt angle, max	35 °C
— At maximum tilt angle, max. Ambient temperature during storage/transportation	
min.	-20 °C
• max.	-20°C
Relative humidity	
• Operation, max.	90 %; no condensation
Operating systems	
proprietary	No
pre-installed operating system	
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	Na
 STEP 7 Basic (TIA Portal) STEP 7 Professional (TIA Portal) 	No
STEP / Professional (TA Portal) WinCC flexible Compact	No
WinCC flexible Standard	No
WinCC flexible Advanced	No
WinCC Basic (TIA Portal)	No
WinCC Comfort (TIA Portal)	Yes; from V11
WinCC Advanced (TIA Portal)	Yes; from V11
WinCC Professional (TIA Portal)	Yes; from V11
Languages	
Online languages	
 Number of online/runtime languages 	32
Project languages	
Languages per project	32
Functionality under WinCC (TIA Portal)	
Libraries	Yes
Applications/options	
Web browser	Yes
Pocket Word	Yes
Pocket Excel 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	Yes
— Number of bit messages	4 000
Analog messages	Yes
— Number of analog messages	200
S7 alarm number procedure	Yes
 System messages HMI System event, more (SIMATIC S7, SINUMERIK, 	Yes
SIMOTION,)	
Number of characters per message	80
 Number of process values per message 	8
 Acknowledgment groups 	Yes
Message indicator	Yes
Recipe management	

Number of recipes Solo Estivise per data record 1000		000
Entries per visa record Sord virus Entries per visa record Sord virus Recipe memory expandable Yes Variables	Number of recipes	300
size of internal rege memory 2 Mayle Regic memory expandable Versibles Number of variables per device Number of variables per device Number of variables per device Number of variables per device Structures Structures Structures Number of configurable images Number of configurable images Number of ondigurable images Number of objects per image Number of objects ves Number of objects ves Number of objects ves Number of openets objects Number of entries per openet Number of entries		
• Recipe memory expandable Yes Variables 2048 • Number of variables per screen 400 • Linit values Yes • Multiplexing Yes • Multiplexing Yes • Structures Yes • Number of configurable images 500 • Permanent window/default Yes • Cobal image Yes • Cobal image Yes • Recipe multiple window/default Yes • Recipe multiple images Yes • Recipe diverse Yes • Recipe multiple in the PLC Yes • Recipe diverse Yes • Number of oligids per image 400 • Tots fields Yes • Contradids Yes • Contradids Yes • Symbolic Oligids per screen 20 • Symbolic Oligids Yes • Symbolic		
Varables 2048 • Number of variables per screen 400 • Limit values Yes • Multiplexing Yes • Structures Yes • Structures Yes • Arraya Yes • Traya Yes • Number of configurable images 500 • Permanent windowlofault Yes • Global image Yes • Global image Yes • Bidide-In images Yes • Bidide-In images Yes • Bidide-In images Yes • Image acticotion by PLC Yes • Image acticotion by PLC Yes • Text fields Yes • Of objects per image 400 • Text fields Yes • Of objects (graphics list) Yes • Oraphic lob fields (graphics list) Yes • Statchas Yes • Statchas Yes • Graphic diplay Yes • Statchas Yes • Statchas Yes		
• Number of variables per device 2.048 • Number of variables per screen 400 • Limit values Yes • Multiplexing Yes • Number of configurable images Yes • Number of configurable images 500 • Permanent window/default Yes • Global image Yes • Op-up images Yes • Reget window indow/default Yes • Global image Yes • Image selection by PLC Yes • Image selection by PLC Yes • Image selection by PLC Yes • Number of objects per image 400 • Tot fields Yes • Offeds Yes • Offeds </td <td></td> <td>Yes</td>		Yes
• Number of variables per screen400• Linit valuesYes• MultiploxingYes• StructuresYes• ArraysYes• ArraysYes• Number of ondigurable images500• Permanent windwolfadultYos• Clobal imageYes• Romage imagesYes• Romage imagesYes• Statefaction by PLCYes• Image action by PLCYes• Image action by PLCYes• Tract fieldsYes• Tract fieldsYes• Clobeld imageYes• Clobeld imageYes• Tract fieldsYes• ClobeldsYes• ClobeldsYes• ClobeldsYes• ClobeldsYes• ClobeldsYes• ClobeldsYes• ClobeldsYes• StructuresYes• StructuresYes• StructuresYes• Comptex image actionsYes• Comptex image actionsYes <td></td> <td>2.049</td>		2.049
 Linit values Mutiplexing Ves Structures Ves Arrays Ves Arrays Ves Arrays Ves Arrays Ves Arrays Ves Arrays Ves Configurable images Solute images Permanent window/default Ves Solute in images Ves Image entities in the PLC Ves Image entities in the PLC Ves Total fields Ves Context fields Ves Solute in fields Ves Solute information Ves Context image adjects Ves Context image adjects Ves Solute information Ves Solute informatinformatin		
MultiplexingYes• StructuresYes• ArraysYes• Number of configurable images500• Permanent windowidebultYes• Global imageYes• Global imagesYes• States in image selection by PLCYes• Statubacture to ID fields (text list)Yes• Statubacture fieldsYes• Statubacture fieldsYes• Statubacture of complex objects per screen20• Alam viewYes• User viewYes• Statubacture of adopteds per screen20• Alam viewYes• User viewYes• Statubacture of adopteds yerYes• Statubacture of adopteds yerYes• Statubacture of adopteds yerYes• Statubactur		
 Structures Ves Arrays Ves Arrays Ves Arrays Ves Analys Ves Structures Operangent window/default Yes Structures Permanent window/default Yes Structures Permanent window/default Yes Structures Permanent window/default Yes Structures Permanent window/default Yes Structures Structures Yes Structures Structures Yes Structures Number of objects per image 400 Text fields Yes Symbolic 10 fields (graphics list) Yes Suttons Genemic objects Yes Somethic objects Yes Commets Yes Somethic objects Yes Structures Yes Str		
ArraysYesImages500• Number of configurable images500• Cobal imageYes• Global imageYes• Global imageYes• Slide-initagesYes• Slide-initagesYes• Image selection by PLCYes• Image number in the PLCYes• Image selection by PLCYes• Graphic blob felds (graphics list)Yes• System fieldsYes• Geometric objectsYes• Geometric objectsYes• Commeter mage objectsYes• User viewYes• User viewYes• User viewYes• System field diagnostics viewYes• System field diagnostics viewYes• System field diagnostics viewYes• System field diagnostics viewYes• PDF displayYes• PDF displayYes <td></td> <td></td>		
Images 500 • Permanent window/default Yes • Obobal image Yes • Obobal images Yes • Perpenginges Yes • Sidde-in images Yes • Image number in the PLC Yes • Image number in the PLC Yes • Number of objects per image 400 • Too fields (graphics list) Yes • Uo fields (graphics list) Yes • Symbolic UO fields (graphics list) Yes • Datatione fields Yes • Datatione objects Yes • Datationes Yes • Datationes Yes • Subtextcontrol Yes • User view <td></td> <td></td>		
• Number of configurable images 500 • Permanent window/default Yes • Global image Yes • Sidde-in images Yes • Sidde-in images Yes • Image selection by PLC Yes • Ion fields Yes • Ion fields Yes • Ion fields Yes • Symbolic IO fields (text list) Yes • Symbolic IO fields (text list) Yes • Subtons Yes • Commetric objects Yes • Complex image objects Yes • Complex image objects Yes • Trend Yew Yes • Status/control Yes • SinghtClient view Yes • Status/control Yes • System diagnostics view Yes • Ford rid view <td></td> <td>100</td>		100
Permanent window/defaultYesCilobal imageYesSilde-in imagesYesSilde-in imagesYesImage selection by PLCYesImage selection by PLCYesImage objects400Text fieldsYesVomber of objects per image400Tot fields (graphics list)YesSymbolic UO fields (graphics list)YesSymbolic UO fields (text list)YesSymbolic UO fields (text list)YesDatatime fieldsYesSoutchesYesSoutchesYesComplex list)YesSoutchesYesComplex list)YesSoutchesYesComplex list)YesSoutchesYesSoutchesYesSoutchesYesSoutchesYesSoutchesYesSoutchesYesStatisforthodYesStatisforthodYesStatisforthodYesSystem diagnostics viewYesSystem diagnostics viewYesSystem diagnostics viewYesPDF displayYesSoutified HayerYesSoutified SouteYesSoutified SouteYesSoutified SouteYesSoutified SouteYesSoutified SouteYesSoutified SouteYesSoutified SouteYesSoutified SouteYesSoutified SouteYesSoutified SouteY		500
• Global image Yes • Pop-up images Yes • Image selection by PLC Yes • Image number in the PLC Yes • Number of objects per image 400 • Tast fields Yes • Io Tast fields Yes • Of field (graphics list) Yes • Symotic I/O fields (graphics list) Yes • Symotic I/O fields (text list) Yes • Date/time fields Yes • Buttons Yes • Caraphic I/O fields (text list) Yes • Symotic I/O fields (text list) Yes • Buttons Yes • Complex image objects Yes • Situk/sorthol Yes		
Pop-up imagesYesSilde-in imagesYesImage selection by PLCYesImage activity of the PLCYesImage objects400Text fieldsYesI/ Di fieldsYesGraphic U/D fields (graphics list)YesSymbolic I/D fields (text list)YesComplex image objectsYesButtonsYesComplex image objectsYesComplex image objectsYesComplex image objectsYesSitalusicontrol <td></td> <td></td>		
• Silde-in images Yes • Image selection by PLC Yes • Image collects • Number of objects per image 400 • Text fields Yes • Carphic UO fields (graphics list) Yes • Symbolic IIO fields (graphics list) Yes • Symbolic IIO fields (graphics list) Yes • Symbolic IIO fields (text list) Yes • Subtches Yes • Buttons Yes • Complex image objects Yes • Complex image objects Yes • Complex image objects Yes • Number of complex objects per screen 20 • Alarm view Yes • Trend view Yes • User view Yes • Status/control Yes • Status/control Yes • Recipe view Yes • Recipe view Yes • Recipe view Yes • Recipe view Yes • Status/control Yes • Sidiers Yes • Sidiers Yes • Do figiplay Yes • Recipe view Yes • Recipe view Yes • System Giagnostics view Yes • System Giagnostics vi	-	
image selection by PLC Yes image outwer in the PLC Yes image objects Final fields Yes of a philo Vol fields (graphics list) Symbobic I/O fields (graphics list) Yes of aphilo I/O fields (graphics list) Yes Symbobic I/O fields (graphics list) Yes Somotric O formplex objects Yes Complex image objects Yes Somotric O formplex objects per screen Alarm view Yes Status/control Yes System Idigonatics view Yes System Idigonatics view Yes System Idigonatics view Yes System Idigonatics view Yes HTML browser Yes HTML browser Yes Analogidigital clock Yes Analogidigital clock Number of entries per project Number of entries per project Number of entries per archive Number of entries per archive Number of entries per device Number of entries per archive Yes Number of entries per device Number of entries per archive Yes		
• Image number in the PLC Yes Image objects 400 • Number of objects per image 400 • Text fields Yes • Uo fields Yes • Oraphic I/O fields (graphics list) Yes • Symbolic I/O fields (graphics list) Yes • Date/time fields Yes • Switches Yes • Buttons Yes • Craphic I/O fields (graphics list) Yes • Switches Yes • Complex image objects Yes • Complex image objects Yes • Complex image objects Yes • Number of complex objects per screen 20 • Alarm view Yes • Trend view Yes • Status/control Yes • Status/control Yes • SigntClient view Yes • System diagnostics view Yes • System diagnostics view Yes • System diagnostics view Yes • IFICH, browser Yes • Dioter instruments Yes <td></td> <td></td>		
Image objects 400 • Number of objects per image 400 • Text fields Yes • I/O fields Yes • Craphic I/O fields (graphics list) Yes • Symbobic I/O fields (text list) Yes • Datertime fields Yes • Datertime fields Yes • Buttons Yes • Buttons Yes • Geometric objects Yes • Geometric objects Yes • Complex image objects Yes • User view Yes • User view Yes • Statuscontrol Yes • Bar graphs Yes • PDF display Yes		
• Number of objects per image 400 • Text fields Yes • I/O fields Yes • Graphic I/O fields (graphics list) Yes • Symbolic I/O fields (graphics list) Yes • Datachine fields Yes • Datachine fields Yes • Switches Yes • Buttons Yes • Complex display Yes • Complex image objects Yes • Complex image objects Yes • Number of complex objects per screen 20 • Alarm view Yes • User view Yes • User view Yes • Statuscontrol Yes • Statuscontrol Yes • System diagnostics view Yes • Media Player Yes • HTML browser Yes • Die camera display Yes • Bar graphs Yes • Biders Yes • Silders Yes • Number of rext lists per project 500 • Number of entries per text list 500 • Number of entries per archive <td>-</td> <td></td>	-	
• Text fieldsYes• I/O fieldsYes• Graphic I/O fields (graphics list)Yes• Symbolic I/O fields (text list)Yes• Date/time fieldsYes• SwitchesYes• SwitchesYes• Graphic displayYes• CornsYes• Status/controlYes• Status/controlYes• Status/controlYes• Status/controlYes• Status/controlYes• Status/controlYes• Status/controlYes• Status/controlYes• Recip wiewYes• Media PlayerYes• Mord PlayerYes• Ber graphsYes• Diff instrumentsYes• Diff instrumentsYes• Diff instrumentsYes• Number of text list per project500• Number of entries per text list500• Number of entries per graphics lists per project500• Number of entries per archive20 000• Message archiveYes• Number of entries per archive20 000• Message archiveYes• Number of entries per archive20 000• Nessage archive		400
 Graphic I/O fields (graphics list) Yes Obter/fime fields Switches Switches<		Yes
 Symbolic I/O fields (text list) Yes Date/time fields Yes Suttons Graphic display Icons Geometric objects Ves Complex image objects Number of examplex objects per screen Solution Yes Status/control Yes <li< td=""><td>● I/O fields</td><td>Yes</td></li<>	● I/O fields	Yes
• Date/time fieldsYes• SwitchesYes• ButtonsYes• Graphic displayYes• CornsYes• CornsYes• Complex inage objectsYesComplex inage objectsYes• Number of complex objects per screen20• Name of complex objects per screen20• Name viewYes• Status/controlYes• Status/controlYes• Status/controlYes• Recipe viewYes• Recipe viewYes• Media PlayerYes• HTML browserYes• PDF displayYes• Plater status/controlYes• Bar graphsYes• SildersYes• Number of text lists per project500• Number of archives per device50• Number of archives per archive20000• Number of archives per archive20000• Number of archives per archive20000• Number of archives per archive20000	 Graphic I/O fields (graphics list) 	Yes
• SwitchesYes• ButtonsYes• Graphic displayYes• ConsYes• Geometric objectsYesComplex image objects20• Number of complex objects per screen20• Alarm viewYes• User viewYes• User viewYes• Status/controlYes• Status/controlYes• Status/controlYes• System diagnostics viewYes• Recipe viewYes• Koy trend viewYes• Def displayYes• Number of entries per project500• Number of entries per text list500• Number of entries per device50• Number of entries per archive20 000<	 Symbolic I/O fields (text list) 	Yes
• ButtonsYes• Graphic displayYes• IconsYes• Geometric objectsYes• Complex image objects20• Number of complex objects per screen20• Alarn viewYes• Trend viewYes• Trend viewYes• User viewYes• Status/controlYes• Sn@ptClient viewYes• Recipe viewYes• Recipe viewYes• Recipe viewYes• System diagnostics viewYes• Media PlayerYes• ITTL browserYes• IP camera displayYes• Differ instrumentsYes• SlidersYes• Analog/digital clockYes• Number of extrist per project500• Number of entries per graphics list500• Number of entries per graphics list500• Number of entries per archive50• Number of entries per archive5	Date/time fields	Yes
Graphic displayYesI consYesGeometric objectsYesComplex image objects20Number of complex objects per screen20Alarm viewYesUser viewYesUser viewYesStatus/controlYesStatus/controlYesStatus/controlYesStatus/controlYesMedia PlayerYesMedia PlayerYesPDF displayYesPDF displayYesStatus/controlYesStatus/controlYesMedia PlayerYesSystem diagnostics viewYesPDF displayYesPDF displayYesSlidersYesPointer instrumentsYesAnalog/digital clockYesList500Number of entries per text list500Number of archives per device50Number of entries per displayYesNumber of entries per displayYesNumber of entries per device50Number of entries per displayYesNumber of entries per archive20 000Message archiveYes	Switches	Yes
• Icons Yes Geometric objects Yes Complex image objects 20 • Number of complex objects per screen 20 • Alarm view Yes • Trend view Yes • Trend view Yes • Status/control Yes • SingertClient view Yes • Recipe view Yes • Recipe view Yes • System diagnostics view Yes • System diagnostics view Yes • Media Player Yes • HTML browser Yes • HTML browser Yes • IPC display Yes • IP camera display Yes • Sliders Yes • Analog/digital clock Yes • Number of text lists per project 500 • Number of entries per text list 500 • Number of archives per device 50 • Number of archives per device 50 • Number of archives per device 50 • Number of archives per archive 20 000 • Message archive Yes <td>Buttons</td> <td>Yes</td>	Buttons	Yes
• Geometric objectsYesComplex image objects20• Number of complex objects per screen20• Alarm viewYes• Trend viewYes• User viewYes• User viewYes• Status/controlYes• Status/controlYes• Recipe viewYes• Recipe viewYes• f(x) trend viewYes• System diagnostics viewYes• System diagnostics viewYes• DDF displayYes• PDF displayYes• PDF displayYes• Bar graphsYes• SlidersYes• Analog/digital clockYes• Number of entries per toylect500• Number of entries per toylect500• Number of archives per device50• Number of entries per graphics list20 000• Message archiveYes	Graphic display	Yes
Complex image objectsNumber of complex objects per screen20Alarm viewYesTrend viewYesUser viewYesStatus/controlYesSm@rtClient viewYesRecipe viewYesenditiveYessm@rtClient viewYesSystem diagnostics viewYesenditiveStidersvesYesenditiveYesenditiveStidersenditiveStidersformationYesenditiveStidersformationStidersformationStidersenditiveStidersformationStidersformationStidersformationStidersformationStidersformationStidersformationStidersformationStidersformationStidersformationStiders <td>• Icons</td> <td>Yes</td>	• Icons	Yes
• Number of complex objects per screen20• Alarm viewYes• Trend viewYes• User viewYes• Status/controlYes• Sm@rtClient viewYes• Recipe viewYes• Recipe viewYes• Kit trend viewYes• System diagnostics viewYes• Media PlayerYes• HTML browserYes• PDF displayYes• Bar graphsYes• SlidersYes• Pointer instrumentsYes• Analog/digital clockYes• Lists500• Number of entries per project500• Number of entries per text list500• Number of archives per device50• Number of archives per device50• Number of archives per device50• Number of archives per archive20 000• Message archiveYes		Yes
Alarm viewYesTrend viewYesUser viewYesUser viewYesStatus/controlYesStatus/controlYesRecipe viewYesRecipe viewYesf(x) trend viewYesSystem diagnostics viewYesMedia PlayerYesHTML browserYesPDF displayYesBar graphsYesSlidersYesPointer instrumentsYesAnalog/digital clockYesItists500Number of entries per project500Number of entries per graphics lists500Number of entries per archive50Number of entries per archive50		
• Trend viewYes• User viewYes• Status/controlYes• Sm@rtClient viewYes• Recipe viewYes• f(x) trend viewYes• f(x) trend viewYes• Media PlayerYes• Media PlayerYes• HTML browserYes• IP Camera displayYes• Bar graphsYes• SlidersYes• Number of text lists per project500• Number of entries per text list500• Number of entries per graphics lists per project500• Number of entries per device50• Number of entries per archive20 000• Message archiveYes	 Number of complex objects per screen 	
• User viewYes• Status/controlYes• Sm@rtClient viewYes• Recipe viewYes• Recipe viewYes• System diagnostics viewYes• Media PlayerYes• Media PlayerYes• HTML browserYes• PDF displayYes• IP camera displayYes• SlidersYes• Pointer instrumentsYes• Number of entries per project500• Number of graphics lists per project500• Number of entries per device500• Number of archives per device50• Number of archives per device50• Number of archives per device50• Number of entries per archive20 000• Message archiveYes		
• Status/controlYes• Sm@rtClient viewYes• Recipe viewYes• Recipe viewYes• f(x) trend viewYes• System diagnostics viewYes• Media PlayerYes• Media PlayerYes• HTML browserYes• HTML browserYes• PDF displayYes• Bar graphsYes• SlidersYes• Pointer instrumentsYes• Analog/digital clockYes• Number of text lists per project500• Number of graphics lists per project500• Number of archives per device50• Number of archives per archive20 000• Message archiveYes		
• Sm@rtClient viewYes• Recipe viewYes• f(x) trend viewYes• System diagnostics viewYes• Media PlayerYes• Media PlayerYes• HTML browserYes• HTML browserYes• PDF displayYes• Bar graphsYes• SlidersYes• Pointer instrumentsYes• Analog/digital clockYes• Number of text lists per project500• Number of graphics lists per project500• Number of archives per device50• Number of archives per archive20 000• Message archiveYes		
Recipe viewYes• Recipe viewYes• f(x) trend viewYes• System diagnostics viewYes• Media PlayerYes• HTML browserYes• PDF displayYes• PDF displayYes• IP camera displayYes• Bar graphsYes• SlidersYes• Analog/digital clockYes• Number of text lists per project500• Number of entries per text list500• Number of graphics lists per project500• Number of achtives per device50• Number of achtives per achtive20 000• Message archiveYes		
f(x) trend viewYes• f(x) trend viewYes• System diagnostics viewYes• Media PlayerYes• HTML browserYes• PDF displayYes• IP camera displayYes• Bar graphsYes• SlidersYes• Pointer instrumentsYes• Analog/digital clockYes Lists 500• Number of text lists per project500• Number of graphics lists per project500• Number of graphics lists per project500• Number of entries per text list500• Number of entries per aphics list500• Number of entries per archive50• Number of entries per archi	-	
System diagnostics viewYesMedia PlayerYesHTML browserYesPDF displayYesIP camera displayYesBar graphsYesSlidersYesPointer instrumentsYesPointer instrumentsYesAnalog/digital clockYesNumber of text lists per project500Number of entries per text list500Number of entries per graphics lists per project500Number of entries per graphics list500Number of entries per device50Number of entries per device50Number of entries per device50Number of entries per archive20 000Message archiveYes		
• Media PlayerYes• HTML browserYes• PDF displayYes• IP camera displayYes• Bar graphsYes• SlidersYes• SlidersYes• Pointer instrumentsYes• Analog/digital clockYes Lists • Number of text lists per project500• Number of entries per text list500• Number of entries per graphics lists per project500• Number of entries per graphics list500• Number of entries per graphics list500• Number of entries per device50• Number of entries per archive20 000• Message archiveYes		
HTML browserYesPDF displayYesIP camera displayYesBar graphsYesSlidersYesPointer instrumentsYesAnalog/digital clockYesListsI sumber of text lists per projectNumber of entries per text list500Number of graphics lists per project500Number of entries per device500Number of entries per device500Number of archives per device50Number of entries per archive20 000Message archiveYes		
• PDF displayYes• IP camera displayYes• Bar graphsYes• SlidersYes• Pointer instrumentsYes• Analog/digital clockYes• Number of text lists per project500• Number of entries per text list500• Number of graphics lists per project500• Number of entries per text list500• Number of entries per device500• Number of entries per device500• Number of entries per device500• Number of archives per device50• Number of archives per device50• Number of entries per archive20 000• Message archiveYes	-	
IP camera displayYesBar graphsYesSlidersYesPointer instrumentsYesAnalog/digital clockYesListsNumber of text lists per project500Number of entries per text list500Number of graphics lists per project500Number of entries per graphics list500Archiving500Number of entries per device50Number of archives per device50Number of entries per archive20 000Message archiveYes		
• Bar graphsYes• SlidersYes• Pointer instrumentsYes• Analog/digital clockYesItists• Number of text lists per project500• Number of entries per text list500• Number of graphics lists per project500• Number of entries per graphics list500• Number of entries per graphics list500• Number of entries per graphics list500• Number of entries per device500• Number of archives per device50• Number of entries per archive20 000• Message archiveYes		
SlidersYesPointer instrumentsYesAnalog/digital clockYesListsItists500Number of entries per text list500Number of entries per text list500Number of graphics lists per project500Number of entries per text list500Number of entries per text list500Number of archives per graphics list500Archiving100Number of archives per device50Number of entries per archive20 000Message archiveYes		
Pointer instrumentsYesAnalog/digital clockYesListsItists500Number of text lists per project500Number of graphics lists per project500Number of graphics lists per project500Number of entries per graphics list500Archiving500Number of archives per device50Number of entries per archive20 000Message archiveYes		
• Analog/digital clockYesLists• Number of text lists per project500• Number of entries per text list500• Number of graphics lists per project500• Number of entries per graphics list500• Number of archives per device50• Number of archives per device50• Number of entries per archive20 000• Message archiveYes		
Lists • 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 • Number of entries per graphics list 500 • Number of entries per graphics list 500 Archiving 500 • Number of archives per device 50 • Number of entries per archive 20 000 • Message archive Yes		
Number of text lists per project500Number of entries per text list500Number of graphics lists per project500Number of entries per graphics list500Archiving500Number of archives per device50Number of entries per archive20 000Message archiveYes		
Number of entries per text list500Number of graphics lists per project500Number of entries per graphics list500Archiving500Number of archives per device50Number of entries per archive20 000Message archiveYes		500
Number of graphics lists per project500• Number of entries per graphics list500Archiving500• Number of archives per device50• Number of entries per archive20 000• Message archiveYes		
• 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		
Archiving • Number of archives per device 50 • Number of entries per archive 20 000 • Message archive Yes		
• Number of archives per device50• Number of entries per archive20 000• Message archiveYes		
Number of entries per archive 20 000 Message archive Yes		50
Message archive Yes		
		Yes
	-	Yes

Archiving methods — Sequential archive	Yes
— Sequential archive — Short-term archive	Yes
Memory location	res
-	Yes
— Memory card	Yes
— USB memory — Ethernet	Yes
Data storage format	165
- CSV	Yes
— CSV — 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	
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
	Yes Yes
• S7-1500	
• S7-1500 • S7-200	Yes
 S7-1500 S7-200 S7-300/400 	Yes Yes
 S7-1500 S7-200 S7-300/400 LOGO! 	Yes Yes Yes
 S7-1500 S7-200 S7-300/400 LOGO! WinAC 	Yes Yes Yes
 S7-1500 S7-200 S7-300/400 LOGO! WinAC SINUMERIK 	Yes Yes Yes Yes; with SINUMERIK option package
 S7-1500 S7-200 S7-300/400 LOGO! WinAC SINUMERIK SIMOTION 	Yes Yes Yes Yes; with SINUMERIK option package Yes
 S7-1500 S7-200 S7-300/400 LOGO! WinAC SINUMERIK SIMOTION Allen Bradley (EtherNet/IP) 	Yes Yes Yes Yes; with SINUMERIK option package Yes Yes
 S7-1500 S7-200 S7-300/400 LOGO! WinAC SINUMERIK SIMOTION Allen Bradley (EtherNet/IP) Allen Bradley (DF1) 	Yes Yes Yes Yes; with SINUMERIK option package Yes Yes Yes
 S7-1500 S7-200 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 Yes Yes Yes
 S7-1500 S7-200 S7-300/400 LOGO! WinAC SINUMERIK SIMOTION Allen Bradley (EtherNet/IP) Allen Bradley (DF1) Mitsubishi (MC TCP/IP) Mitsubishi (FX) 	Yes Yes Yes Yes; with SINUMERIK option package Yes Yes Yes Yes
 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) 	Yes Yes Yes Yes; with SINUMERIK option package Yes Yes Yes Yes Yes
 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) 	Yes Yes Yes Yes Yes; with SINUMERIK option package Yes Yes Yes Yes No
 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) 	Yes Yes Yes Yes Yes; with SINUMERIK option package Yes Yes Yes Yes No Yes
 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 	Yes Yes Yes Yes; with SINUMERIK option package Yes Yes Yes Yes Yes Yes
 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 	Yes Yes Yes Yes; with SINUMERIK option package Yes Yes Yes Yes No Yes Yes Yes Yes Yes
 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	Yes Yes Yes Yes; with SINUMERIK option package Yes Yes Yes Yes Yes Yes Yes
 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 TCP/IP) Modicon (Modbus) OPC UA Client OPC UA Server Service tools/configuration aids Backup/Restore manually Backup/Restore automatically 	Yes Yes Yes Yes; with SINUMERIK option package Yes Yes Yes Yes Yes Yes Yes Yes Yes Ye
 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	Yes Yes Yes Yes; with SINUMERIK option package Yes Yes Yes Yes Yes Yes Yes Yes Yes Ye
 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 TCP/IP) Modicon (Modbus) OPC UA Client OPC UA Server Service tools/configuration aids Backup/Restore manually Backup/Restore automatically 	Yes Yes Yes Yes; with SINUMERIK option package Yes Yes Yes Yes Yes Yes Yes Yes Yes Ye
 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 Backup/Restore automatically Simulation 	Yes Yes Yes; with SINUMERIK option package Yes; with SINUMERIK option package Yes Yes Yes Yes Yes Yes Yes Yes Yes Ye
 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 Backup/Restore automatically Simulation Device switchover 	Yes Yes Yes; with SINUMERIK option package Yes; with SINUMERIK option package Yes Yes Yes Yes Yes Yes Yes Yes Yes Ye
 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 TCP/IP) Modicon (Modbus) OPC UA Client OPC UA Server Service tools/configuration aids Backup/Restore manually Backup/Restore automatically Simulation Device switchover 	Yes Yes Yes; with SINUMERIK option package Yes Yes Yes Yes Yes No Yes Yes Yes Yes Yes Yes Yes
 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 Backup/Restore automatically Simulation Device switchover Printer	Yes Yes Yes; with SINUMERIK option package Yes Yes Yes Yes Yes No Yes Yes Yes Yes Yes Yes Yes

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	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

last modified:

5/27/2022 🖸