6AV2125-2GB03-0AX0

Data sheet

SIMATIC HMI KTP700 Mobile, 7.0" TFT display, 800x 480 pixel, 16m colors, key and touch operation, 8 function keys, 1x PROFINET/Industrial Ethernet interface, 1x multimedia card, 1x USB, configurable from WinCC Comfort V13 SP1



Product type designation Display Display Design of display Screen diagonal Color display Number of colors Resolution (pixels) Horizontal image resolution Vertical image resolution Vertical image resolution NTBF backlighting (at 25 °C) Backlighting MTBF backlighting (at 25 °C) Backlight dimmable Function keys Number of function keys Number of function keys with LEDs Keyboard fonts Function keys Number of function keys with LEDs Skeys with LED Skeys with LED Skeys with LED Skeys manumeric keyboard Journal parameric keyboard Design as touch screen Design as touch screen Design as multi-louch screen Acknowledgement button (3-stage) Key-operated switch Illuminated pushbutton Mo Expansions for operator control of the process Direct keys (touch buttons as S7 input I/O) Supply voltage DC DC DC Touch operator No DC DC DC DC DC DC DC DC DC D	General information	
Design of display Screen diagonal Color display Number of colors Resolution (pixels) Horizontal image resolution Vertical image resolution Version 000 h Version 100 % Control elements Keyboard fonts Version Keys Number of function keys Number of function keys Number of function keys with LEDs Version Number of vertical image resolution Version Number of vertical image resolution Version Number of vertical image vertical ima	Product type designation	KTP700 Mobile
Screen diagonal 7 in Color display Yes Number of colors 16 777 216 Resolution (pixels)	Display	
Color display Number of colors Resolution (pixels) • Horizontal image resolution • Vertical image resolution • Vertical image resolution 800 pixel • Vertical image resolution 800 pixel 800 pix	Design of display	TFT widescreen display, LED backlighting
Number of colors Resolution (pixels) Horizontal image resolution Vertical image resolution Namber of colors Resolution (pixels) Horizontal image resolution Vertical image resolution Namber of colors Resolution (at 25 °C) Backlighting Namber of colors Function keys Number of succion keys Number of succion keys Number of succion keys Number of function keys Nounder (keyboard) Nounder (keyboard) Pes; Onscreen keyboard Pes; Onscreen keyboard Touch operation Design as touch screen Design as touch screen Design as multi-touch screen Design as multi-touch screen No Special operator controls Stop button (forced blocking) Emergency stop button (illuminated and forced blocking) Acknowledgement button (3-stage) No No No Illuminated pushbutton Yes Camera Integrated camera No Expansions for operator control of the process Direct keys (touch buttons as S7 input I/O) Supply voltage	Screen diagonal	7 in
Resolution (pixels) • Horizontal image resolution • Vertical image resolution • Vertical image resolution • Vertical image resolution ### A80 pixel ###	Color display	Yes
Horizontal image resolution Vertical image resolution Vertical image resolution A80 pixel Backlighting MTBF backlighting (at 25 °C) Backlight dimmable Yes; 0-100 % Control elements Keyboard fonts Function keys — Number of function keys	Number of colors	16 777 216
Vertical image resolution Backlighting MTBF backlighting (at 25 °C) 50 000 h Backlight dimmable Yes; 0-100 % Control elements Keyboard fonts Function keys Number of function keys 8 Number of function keys with LEDs 8 Keys with LED Yes Numeric keyboard Yes; Onscreen keyboard alphanumeric keyboard Yes; Onscreen keyboard alphanumeric keyboard Yes; Onscreen keyboard Design as touch screen Yes Design as multi-touch screen No Special operator controls Special operator controls Acknowledgement button (3-stage) No Key-operated switch No Illuminated pushbutton Camera integrated camera No Expansions for operator control of the process Direct keys (touch buttons as S7 input I/O) Supply voltage	Resolution (pixels)	
Backlighting MTBF backlighting (at 25 °C) 50 000 h Packlight dimmable Yes; 0-100 % Control elements Keyboard fonts Function keys Number of function keys 8 Number of function keys 8 Numeric keyboard Yes; Onscreen keyboard Yes; Onscreen keyboard Pes; Onscreen keyboard Yes; Onscreen keyboard Yes; Onscreen keyboard Yes; Onscreen keyboard Pesign as multi-touch screen No Design as touch screen Yes Design as multi-touch screen No Special operator controls Stop button (forced blocking) No Emergency stop button (illuminated and forced blocking) Acknowledgement button (3-stage) No Key-operated switch No Illuminated pushbutton Yes Camera integrated camera Expansions for operator control of the process Direct keys (touch buttons as S7 input I/O) 32 Supply voltage	Horizontal image resolution	800 pixel
MTBF backlighting (at 25 °C) Backlight dimmable Control elements Keyboard fonts Function keys — Number of function keys — Number of function keys with LEDs Keys with LED Yes Numeric keyboard Alphanumeric keyboard Design as touch screen Design as multi-touch screen Design as multi-touch screen Stop button (forced blocking) Emergency stop button (illuminated and forced blocking) Acknowledgement button (3-stage) Key-operated switch No Expansions for operator control of the process Direct keys (touch buttons as S7 input I/O) Supply voltage	 Vertical image resolution 	480 pixel
Backlight dimmable Yes; 0-100 % Control elements Keyboard fonts Function keys Number of function keys Keys with LED Keys W	Backlighting	
Keyboard fonts Function keys Number of function keys 8 Keys with LED 8 Keys with LED Yes Numeric keyboard Yes; Onscreen keyboard alphanumeric keyboard Yes; Onscreen keyboard Touch operation Design as touch screen Yes Design as multi-touch screen No Special operator controls Stop button (forced blocking) No Emergency stop button (illuminated and forced blocking) Acknowledgement button (3-stage) No Key-operated switch No Illuminated pushbutton Yes Camera integrated camera No Expansions for operator control of the process Direct keys (touch buttons as S7 input I/O) 32 Supply voltage	 MTBF backlighting (at 25 °C) 	50 000 h
Keyboard fonts Function keys Number of function keys Keys with LED Keys with LED Numeric keyboard Alphanumeric keyboard Design as touch screen Design as multi-touch screen Secial operator controls Stop button (forced blocking) Acknowledgement button (3-stage) Key-operated switch Illuminated pushbutton Camera integrated camera integrated camera Direct keys (touch buttons as S7 input I/O) Special operator control of the process Direct keys (touch buttons as S7 input I/O) Supply voltage	Backlight dimmable	Yes; 0-100 %
Function keys Number of function keys Number of function keys with LEDs Keys with LED Numeric keyboard Alphanumeric keyboard Pesign as touch screen Design as multi-fouch screen Design as multi-fouch screen Stop button (forced blocking) Emergency stop button (illuminated and forced blocking) Acknowledgement button (3-stage) Key-operated switch Illuminated pushbutton Camera Integrated camera Integrated camera No Expansions for operator control of the process Direct keys (touch buttons as S7 input I/O) Supply voltage	Control elements	
Number of function keys Number of function keys with LEDs Keys with LED Numeric keyboard Numeric keyboard Numeric keyboard Acknowledgement button (3-stage) Key-operated switch Illuminated pushbutton Camera Integrated camera Integrated camera Number of function keys Number of function keys with LEDs Yes Yes Yes; Onscreen keyboard Yes; Onscreen keyboard Yes; Onscreen keyboard Yes No	Keyboard fonts	
 Number of function keys with LEDs Keys with LED Numeric keyboard alphanumeric keyboard Yes; Onscreen keyboard Touch operation Design as touch screen Design as multi-touch screen No Special operator controls Stop button (forced blocking) Emergency stop button (illuminated and forced blocking) Acknowledgement button (3-stage) Key-operated switch Illuminated pushbutton Illuminated pushbutton Expansions for operator control of the process Direct keys (touch buttons as S7 input I/O) Supply voltage 	Function keys	
Keys with LED Numeric keyboard Numeric keyboard Yes; Onscreen keyboard Yes; Onscreen keyboard Touch operation Design as touch screen Design as multi-touch screen No Special operator controls Stop button (forced blocking) Emergency stop button (illuminated and forced blocking) Acknowledgement button (3-stage) Key-operated switch Illuminated pushbutton Illuminated pushbutton Expansions for operator control of the process Direct keys (touch buttons as S7 input I/O) Syes Yes Yes No No No No No No No Syes Syes No Syes Syes No Syes Syes No Syes Sy	 Number of function keys 	8
Numeric keyboard alphanumeric keyboard Yes; Onscreen keyboard Touch operation Design as touch screen Design as multi-touch screen Special operator controls Special operator controls Stop button (forced blocking) Emergency stop button (illuminated and forced blocking) Acknowledgement button (3-stage) Key-operated switch Illuminated pushbutton Illuminated pushbutton Camera integrated camera Direct keys (touch buttons as \$7 input I/O) Serionscreen keyboard Yes; Onscreen keyboard Yes No No Special operator No No No No No Special operator control of the process Direct keys (touch buttons as \$7 input I/O) Serionscreen keyboard Yes; Onscreen keyboard Yes No Special operator controls No No Special operator control of the process Supply voltage	 Number of function keys with LEDs 	8
alphanumeric keyboard Touch operation Design as touch screen Design as multi-touch screen Design as multi-touch screen No Special operator controls Stop button (forced blocking) Emergency stop button (illuminated and forced blocking) Acknowledgement button (3-stage) Key-operated switch Illuminated pushbutton Camera integrated camera No Expansions for operator control of the process Direct keys (touch buttons as S7 input I/O) Supply voltage	Keys with LED	Yes
Touch operation Design as touch screen Design as multi-touch screen No Special operator controls Stop button (forced blocking) Emergency stop button (illuminated and forced blocking) Acknowledgement button (3-stage) Key-operated switch Illuminated pushbutton Integrated camera Integrated camera No Expansions for operator control of the process Direct keys (touch buttons as S7 input I/O) Supply voltage	 Numeric keyboard 	Yes; Onscreen keyboard
Design as touch screen Design as multi-touch screen No Special operator controls Stop button (forced blocking) Emergency stop button (illuminated and forced blocking) Acknowledgement button (3-stage) Key-operated switch Illuminated pushbutton Illuminated pushbutton Camera integrated camera No Expansions for operator control of the process Direct keys (touch buttons as S7 input I/O) Supply voltage	 alphanumeric keyboard 	Yes; Onscreen keyboard
Design as multi-touch screen Special operator controls Stop button (forced blocking) Emergency stop button (illuminated and forced blocking) Acknowledgement button (3-stage) Key-operated switch Illuminated pushbutton Illuminated pushbutton Camera integrated camera Integrated camera Direct keys (touch buttons as S7 input I/O) Supply voltage	Touch operation	
Special operator controls Stop button (forced blocking) Emergency stop button (illuminated and forced blocking) Acknowledgement button (3-stage) Key-operated switch Illuminated pushbutton Integrated camera integrated camera Direct keys (touch buttons as S7 input I/O) Supply voltage	 Design as touch screen 	Yes
Stop button (forced blocking) Emergency stop button (illuminated and forced blocking) Acknowledgement button (3-stage) Key-operated switch Illuminated pushbutton Camera integrated camera Direct keys (touch buttons as S7 input I/O) Supply voltage	 Design as multi-touch screen 	No
Emergency stop button (illuminated and forced blocking) Acknowledgement button (3-stage) No Key-operated switch No Illuminated pushbutton Yes Camera integrated camera No Expansions for operator control of the process Direct keys (touch buttons as S7 input I/O) Supply voltage	Special operator controls	
blocking) • Acknowledgement button (3-stage) • Key-operated switch • Illuminated pushbutton Camera • integrated camera • integrated camera No Expansions for operator control of the process • Direct keys (touch buttons as S7 input I/O) Supply voltage	 Stop button (forced blocking) 	No
Key-operated switch Illuminated pushbutton Camera integrated camera No Expansions for operator control of the process Direct keys (touch buttons as S7 input I/O) Supply voltage		No
Illuminated pushbutton Yes Camera integrated camera No Expansions for operator control of the process Direct keys (touch buttons as S7 input I/O) Supply voltage Ves No 32	 Acknowledgement button (3-stage) 	No
Camera • integrated camera No Expansions for operator control of the process • Direct keys (touch buttons as S7 input I/O) Supply voltage	 Key-operated switch 	No
● integrated camera Expansions for operator control of the process ● Direct keys (touch buttons as S7 input I/O) Supply voltage	Illuminated pushbutton	Yes
Expansions for operator control of the process • Direct keys (touch buttons as S7 input I/O) Supply voltage	Camera	
Direct keys (touch buttons as S7 input I/O) Supply voltage 32	integrated camera	No
Supply voltage	Expansions for operator control of the process	
	 Direct keys (touch buttons as S7 input I/O) 	32
Type of supply voltage DC	Supply voltage	
78.5.5.88.7.5.05	Type of supply voltage	DC
Rated value (DC) 24 V	Rated value (DC)	24 V

permissible range, lower limit (DC)	19.2 V
permissible range, upper limit (DC)	28.8 V
Input current	
Current consumption (rated value)	350 mA
Starting current inrush I²t	0.135 A ² ·s
Power	
Active power input, typ.	8.5 W
Processor	
Processor type	ARM
Memory	
Flash	Yes
RAM	Yes
Memory available for user data	12 Mbyte
Type of output	
Power LED	No
LED for safe	No
LED for communication	No
LED for battery	No
Vibrations	No
Time of day	
Clock	
Hardware clock (real-time)	Yes
• retentive	Yes
synchronizable	Yes
Interfaces	
Number of industrial Ethernet interfaces	1
Number of PROFINET interfaces	1
Number of RS 485 interfaces	0
Number of RS 422 interfaces	0
Number of RS 232 interfaces	0
Number of USB interfaces	1; USB 2.0
Number of GOD Interfaces Number of wireless interfaces	0
Number of SD card slots	1
Protocols	
	Voc
PROFINET	Yes
Supports protocol for PROFINET IO	Yes
PROFIBUS PROFIBUS	No
	No Yee
EtherNet/IP MPI	Yes
Protocols (Ethernet)	No
TCP/IP	Voc
TCP/IP DHCP	Yes Yes
SNMP	Yes
• SNMP • DCP	Yes
• LLDP	Yes
• LLDP WEB characteristics	100
HTTP	Yes
• HTTPS	Yes
• HTML	Yes
• XML	No
• CSS	Yes
Active X	No
Active X JavaScript	Yes
JavaScript Java VM	Yes No
	INU
Further protocols • MODBUS	Vos
♥ IVICIODUS	Yes

other bus systems	No
Communication functions	
Wireless communication	
supported standards	
— Radio standard WLAN 802.11	No
Bluetooth radio standard	No
Interrupts/diagnostics/status information	
Diagnoses	
Diagnostic information readable	Yes
EMC	
Emission of radio interference acc. to EN 55 011	
Limit class A, for use in industrial areas	Yes
Limit class B, for use in residential areas	No
Degree and class of protection	110
IP65 (all-round)	Yes
	165
Standards, approvals, certificates	Ves
CE mark	Yes
CULus PCM (formarly C. TICK)	Yes
RCM (formerly C-TICK)	Yes No: Available seep
KC approval	No; Available soon
Suitable for safety functions	No Yes
Marine approval	res
Highest safety class achievable in safety mode Performance level according to ISO 13849-1	nono
SIL acc. to IEC 61508	none No
Use in hazardous areas	140
• ATEX Zone 2	No
• ATEX Zone 22	No
• IECEx Zone 2	No
• IECEx Zone 22	No
• cULus Class I Zone 1	No
• cULus Class I Zone 2, Division 2	No
FM Class I Division 2	No
Marine approval	
Germanischer Lloyd (GL)	Yes
American Bureau of Shipping (ABS)	Yes
Bureau Veritas (BV)	No; Available soon
Det Norske Veritas (DNV)	Yes
Korean Register of Shipping (KRS)	No
Lloyds Register of Shipping (LRS)	Yes
Nippon Kaiji Kyokai (Class NK)	Yes
Polski Rejestr Statkow (PRS)	No
Chinese Classification Society (CCS)	No
Ambient conditions	
Free fall	
• Fall height, max.	1.2 m
Ambient temperature during operation	
• min.	0 °C
• max.	45 °C
Ambient temperature during storage/transportation	
• min.	-20 °C
• max.	60 °C
Relative humidity	
Operation, max.	90 %
Operating systems	
pre-installed operating system	
Windows CE	Yes

Configuration	
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
WinCC Advanced (TIA Portal)	Yes
WinCC Professional (TIA Portal)	Yes
Languages	
Online languages	
Number of online/runtime languages	32
Project languages	
Languages per project	32
Functionality under WinCC (TIA Portal)	
Libraries	Yes
Applications/options	100
Web browser	Yes
Pocket Word	No
Pocket Excel	No
PDF Viewer	Yes
Media Player	No
SIMATIC WinCC Sm@rtServer	Yes
SIMATIC WinCC Audit	Yes
Number of Visual Basic Scripts	Yes
Task planner	
• time-controlled	Yes
• task-controlled	Yes
Help system	
Number of characters per info text	500
Multiproject	
Number of projects (internal)	0
Number of projects (external)	0
Message system	
Number of alarm classes	32
Bit messages	
Number of bit messages	4 000
Analog messages	
Number of analog messages	200
S7 alarm number procedure	Yes
System messages HMI	Yes
 System messages, other (SIMATIC S7, Sinumerik, Simotion, etc.) 	Yes
 Number of characters per message 	80
 Number of process values per message 	8
Acknowledgment groups	Yes
Message indicator	Yes
Message buffer	
 Number of entries 	1 024
 Circulating buffer 	Yes
— retentive	Yes

— maintenance-free	Yes
Recipe management	130
Number of recipes	300
Data records per recipe	500
Entries per data record	1 000
Size of internal recipe memory	2 Mbyte
Recipe memory expandable	Yes
Variables	
Number of variables per device	2 048
Number of variables per screen	400
Limit values	Yes
Multiplexing	Yes
Structures	Yes
• Arrays	Yes
Images	
Number of configurable images	500
Permanent window/default	Yes
Global image	Yes
Image selection by PLC	Yes
Image number in the PLC	Yes
Image objects	
Number of objects per image	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
Graphic display	Yes
• Icons	Yes
Geometric objects	Yes
Complex image objects	
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	No
Bar graphs	Yes
• Sliders	Yes
Pointer instruments	Yes
Analog/digital clock	Yes
Lists	
Number of text lists per project	500
Number of entries per text list	500
 Number of graphics lists per project 	500
Number of entries per graphics list	500
Archiving	
Number of archives per device	50
 Number of entries per archive 	20 000
Message archive	Yes
Process value archive	Yes
Archiving methods	
Sequential archive	Yes
and the second s	

 Short-term archive 	Yes
 Memory location 	
 Memory card 	Yes
— USB memory	Yes
— Ethernet	Yes
 Data storage format 	
— CSV	Yes
— TXT	No
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	No
Electronic print to file	No
Character sets	NO
Keyboard fonts	
	Yes
— US English	res
Transfer (upload/download)	N-
MPI/PROFIBUS DP	No
• USB	No
• Ethernet	Yes
Wireless LAN	No
using external storage medium	Yes; Backup/restore
Process coupling	
• S7-1200	Yes
• S7-1200 • S7-1500	Yes
S7-1200S7-1500S7-200	Yes Yes
S7-1200S7-1500S7-200S7-300/400	Yes
 \$7-1200 \$7-1500 \$7-200 \$7-300/400 LOGO! 	Yes Yes Yes Yes
S7-1200S7-1500S7-200S7-300/400	Yes Yes Yes
 \$7-1200 \$7-1500 \$7-200 \$7-300/400 LOGO! 	Yes Yes Yes Yes
 \$7-1200 \$7-1500 \$7-200 \$7-300/400 LOGO! WinAC 	Yes Yes Yes Yes Yes Yes; WinAC RTX
 \$7-1200 \$7-1500 \$7-200 \$7-300/400 LOGO! WinAC SINUMERIK 	Yes Yes Yes Yes Yes Yes; WinAC RTX Yes
 \$7-1200 \$7-1500 \$7-200 \$7-300/400 LOGO! WinAC SINUMERIK SIMOTION 	Yes Yes Yes Yes Yes; WinAC RTX Yes Yes
 \$7-1200 \$7-1500 \$7-200 \$7-300/400 LOGO! WinAC SINUMERIK SIMOTION Allen Bradley (EtherNet/IP) 	Yes Yes Yes Yes Yes; WinAC RTX Yes Yes Yes
 \$7-1200 \$7-1500 \$7-200 \$7-300/400 LOGO! WinAC SINUMERIK SIMOTION Allen Bradley (EtherNet/IP) Allen Bradley (DF1) Mitsubishi (MC TCP/IP) 	Yes Yes Yes Yes Yes; WinAC RTX Yes Yes Yes Yes Yes
 \$7-1200 \$7-1500 \$7-200 \$7-300/400 LOGO! WinAC \$INUMERIK \$IMOTION Allen Bradley (EtherNet/IP) Allen Bradley (DF1) Mitsubishi (MC TCP/IP) Mitsubishi (FX) 	Yes Yes Yes Yes Yes; WinAC RTX Yes Yes Yes Yes No
 S7-1200 S7-1500 S7-200 S7-300/400 LOGO! WinAC SINUMERIK SIMOTION Allen Bradley (EtherNet/IP) Allen Bradley (DF1) Mitsubishi (MC TCP/IP) Mitsubishi (FX) OMRON (FINS TCP) 	Yes Yes Yes Yes Yes; WinAC RTX Yes Yes Yes No Yes No No
 S7-1200 S7-1500 S7-200 S7-300/400 LOGO! WinAC SINUMERIK SIMOTION Allen Bradley (EtherNet/IP) Allen Bradley (DF1) Mitsubishi (MC TCP/IP) Mitsubishi (FX) OMRON (FINS TCP) OMRON (LINK/Multilink) 	Yes Yes Yes Yes Yes; WinAC RTX Yes Yes Yes No No No
 S7-1200 S7-1500 S7-200 S7-300/400 LOGO! WinAC SINUMERIK SIMOTION Allen Bradley (EtherNet/IP) Allen Bradley (DF1) Mitsubishi (MC TCP/IP) Mitsubishi (FX) OMRON (FINS TCP) OMRON (LINK/Multilink) Modicon (Modbus TCP/IP) 	Yes Yes Yes Yes Yes; WinAC RTX Yes Yes Yes No
 \$7-1200 \$7-1500 \$7-200 \$7-300/400 LOGO! WinAC \$INUMERIK \$IMOTION 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 Yes Yes; WinAC RTX Yes Yes Yes No
 S7-1200 S7-1500 S7-200 S7-300/400 LOGO! WinAC SINUMERIK SIMOTION Allen Bradley (EtherNet/IP) Allen Bradley (DF1) Mitsubishi (MC TCP/IP) Mitsubishi (FX) OMRON (FINS TCP) OMRON (LINK/Multilink) Modicon (Modbus) OPC UA Client 	Yes Yes Yes Yes; WinAC RTX Yes Yes Yes Yes No No Yes No No No No No Yes No Yes
 S7-1200 S7-1500 S7-200 S7-300/400 LOGO! WinAC SINUMERIK SIMOTION Allen Bradley (EtherNet/IP) Allen Bradley (DF1) Mitsubishi (MC TCP/IP) Mitsubishi (FX) OMRON (FINS TCP) OMRON (LINK/Multilink) Modicon (Modbus TCP/IP) Modicon (Modbus) OPC UA Client OPC UA Server 	Yes Yes Yes Yes Yes; WinAC RTX Yes Yes Yes No
 \$7-1200 \$7-1500 \$7-200 \$7-300/400 LOGO! WinAC \$INUMERIK \$IMOTION Allen Bradley (EtherNet/IP) Allen Bradley (DF1) Mitsubishi (MC TCP/IP) Mitsubishi (FX) OMRON (FINS TCP) OMRON (LINK/Multilink) Modicon (Modbus TCP/IP) Modicon (Modbus) OPC UA Server Service tools/configuration aids	Yes Yes Yes Yes Yes; WinAC RTX Yes Yes Yes No No Yes No No No No Yes No Yes No Yes No Yes No Yes No Yes
 \$7-1200 \$7-1500 \$7-200 \$7-300/400 LOGO! WinAC \$INUMERIK \$IMOTION 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 Yes Yes Yes; WinAC RTX Yes Yes Yes No No No No No No Yes No Yes No Yes No Yes No Yes No Yes
 \$7-1200 \$7-1500 \$7-200 \$7-300/400 LOGO! WinAC \$INUMERIK \$IMOTION 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 Yes Yes Yes; WinAC RTX Yes Yes Yes No No No No No No Yes No Yes Yes Yes Yes
 \$7-1200 \$7-1500 \$7-200 \$7-300/400 LOGO! WinAC \$INUMERIK \$IMOTION 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 Yes Yes; WinAC RTX Yes Yes Yes No No Yes No No No No Yes No Yes No Yes Yes Yes Yes Yes
 \$7-1200 \$7-1500 \$7-200 \$7-300/400 LOGO! WinAC \$INUMERIK \$IMOTION 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 Yes; WinAC RTX Yes Yes Yes No No No No No No Yes No Yes Yes Yes Yes
 \$7-1200 \$7-1500 \$7-200 \$7-300/400 LOGO! WinAC \$INUMERIK \$IMOTION 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 Yes Yes Yes Yes; WinAC RTX Yes Yes Yes No No Yes No No No No Yes No Yes Yes Yes Yes Yes Yes Yes Yes Yes
 \$7-1200 \$7-1500 \$7-200 \$7-300/400 LOGO! WinAC \$INUMERIK \$IMOTION 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 Yes Yes Yes Yes; WinAC RTX Yes Yes Yes No No Yes No No No Yes No Yes Yes Yes Yes Yes Yes Yes Yes Yes
 \$7-1200 \$7-1500 \$7-200 \$7-300/400 LOGO! WinAC \$INUMERIK \$IMOTION 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 \$imulation Device switchover Peripherals/Options Printer SIMATIC HMI MM memory card: Multi Media Card 	Yes Yes Yes Yes Yes; WinAC RTX Yes Yes Yes No No Yes No No No Yes No Yes
 \$7-1200 \$7-1500 \$7-200 \$7-300/400 LOGO! WinAC \$INUMERIK \$IMOTION 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 Yes Yes Yes Yes; WinAC RTX Yes Yes Yes No No Yes No No No Yes No Yes Yes Yes Yes Yes Yes Yes Yes Yes

USB memory	Yes
Network camera	Yes
Additional software components loadable	Yes; SIMATIC options
Mechanics/material	
Enclosure material (front)	
 Plastic 	Yes
 Aluminum 	No
Stainless steel	No
Dimensions	
Width of the housing front	248.4 mm
Height of housing front	171.7 mm
Weights	
Weight (without packaging)	1.2 kg
Weight incl. packaging	1.3 kg
last modified:	3/2/2021 🖸