SIEMENS

Data sheet

SIMATIC HMI KTP700F Mobile HW/OR, 7.0" TFT display, 800 x 480 pixel,16m colors key and touch operation, 6 function keys, 2 illuminated push-buttons, 1x PROFINET/Industrial Ethernet interface, 1x multimedia card, 1x USB, Keyoperated switch, acknowledgement switch, emergency stop/stop button configurable from WinCC Comfort V15, handwheel and override



General information	General information		
Product type designation	KTP700F		
Display			
Design of display	TFT widescreen display, LED backlighting		
Screen diagonal	7 in		
Color display	Yes		
Number of colors	16 777 216		
Resolution (pixels)			
 Horizontal image resolution 	800 pixel		
Vertical image resolution	480 pixel		
Backlighting			
 MTBF backlighting (at 25 °C) 	50 000 h		
Backlight dimmable	Yes; 0-100 %		
Control elements			
Keyboard fonts			
Function keys			
 Number of function keys 	6		
 Number of function keys with LEDs 	6		
 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) 	Yes		
 Emergency stop button (illuminated and forced blocking) 	Yes		
 Acknowledgement button (3-stage) 	Yes		
Key-operated switch	Yes		
Illuminated pushbutton	Yes		
Handwheel	Yes		
Camera			
integrated camera	No		
Expansions for operator control of the process			
 DP direct LEDs (LEDs as S7 output I/O) 			
— F1Fx	6		
 Direct keys (keys as S7 input I/O) 			
— F1Fx	6		
Direct keys (touch buttons as S7 input I/O)	32		
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)	28.8 V
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 wireless interfaces	0
Number of SD card slots	1
Protocols	
	Vec
PROFINET	Yes
Supports protocol for PROFINET IO	Yes
PROFIsafe	Yes
PROFISATE PROFIBUS	Yes No
PROFIBUS EtherNet/IP	Yes No Yes
PROFIBUS EtherNet/IP MPI	Yes No
PROFIsafe PROFIBUS EtherNet/IP MPI Protocols (Ethernet)	Yes No Yes No
PROFISATE PROFIBUS EtherNet/IP MPI Protocols (Ethernet) • TCP/IP	Yes No Yes No Yes
PROFISATE PROFIBUS EtherNet/IP MPI Protocols (Ethernet) • TCP/IP • DHCP	Yes No Yes No Yes Yes Yes
PROFISATE PROFIBUS EtherNet/IP MPI Protocols (Ethernet) • TCP/IP • DHCP • SNMP	Yes No Yes No Yes Yes Yes Yes Yes
PROFISATE PROFIBUS EtherNet/IP MPI Protocols (Ethernet) • TCP/IP • DHCP • SNMP • DCP	Yes No Yes No Yes Yes Yes Yes Yes Yes
PROFISATE PROFIBUS EtherNet/IP MPI Protocols (Ethernet) • TCP/IP • DHCP • SNMP • DCP • LLDP	Yes No Yes No Yes Yes Yes Yes Yes
PROFIBUS EtherNet/IP MPI Protocols (Ethernet) • TCP/IP • DHCP • SNMP • DCP • LLDP WEB characteristics	Yes No Yes No Yes Yes Yes Yes Yes Yes Yes Yes
PROFIBUS EtherNet/IP MPI Protocols (Ethernet) • TCP/IP • DHCP • SNMP • DCP • LLDP WEB characteristics • HTTP	Yes No Yes No Yes Yes Yes Yes Yes Yes Yes Yes
PROFIBUS EtherNet/IP MPI Protocols (Ethernet) • TCP/IP • DHCP • SNMP • DCP • LLDP WEB characteristics	Yes No Yes No Yes Yes Yes Yes Yes Yes Yes Yes
PROFIBUS EtherNet/IP MPI Protocols (Ethernet) • TCP/IP • DHCP • SNMP • DCP • LLDP WEB characteristics • HTTP	Yes No Yes No Yes Yes Yes Yes Yes Yes Yes Yes
PROFIBUS EtherNet/IP MPI Protocols (Ethernet) • TCP/IP • DHCP • SNMP • DCP • LLDP WEB characteristics • HTTP • HTTPS • HTML • XML	Yes No Yes No Yes Yes Yes Yes Yes Yes Yes Yes Yes
PROFIBUS EtherNet/IP MPI Protocols (Ethernet) • TCP/IP • DHCP • SNMP • DCP • LLDP WEB characteristics • HTTP • HTTPS • HTML • XML • CSS	Yes No Yes No Yes
PROFIBUS EtherNet/IP MPI Protocols (Ethernet) • TCP/IP • DHCP • SNMP • DCP • LLDP WEB characteristics • HTTP • HTTPS • HTML • XML	Yes No Yes No Yes
PROFIBUS EtherNet/IP MPI Protocols (Ethernet) • TCP/IP • DHCP • SNMP • DCP • LLDP WEB characteristics • HTTP • HTTPS • HTML • XML • CSS	Yes No Yes No Yes
PROFIBUS EtherNet/IP MPI Protocols (Ethernet) • TCP/IP • DHCP • SNMP • DCP • LLDP WEB characteristics • HTTP • HTTPS • HTML • XML • CSS • Active X	Yes No Yes No Yes
PROFIBUS EtherNet/IP MPI Protocols (Ethernet) • TCP/IP • DHCP • SNMP • DCP • LLDP WEB characteristics • HTTP • HTTPS • HTML • XML • CSS • Active X • JavaScript	Yes No Yes No Yes
PROFIBUS EtherNet/IP MPI Protocols (Ethernet) • TCP/IP • DHCP • SNMP • DCP • LLDP WEB characteristics • HTTP • HTTPS • HTML • XML • CSS • Active X • JavaScript • Java VM	Yes No Yes No Yes
PROFIBUS EtherNet/IP MPI Protocols (Ethernet) • TCP/IP • DHCP • SNMP • DCP • LLDP WEB characteristics • HTTP • HTTPS • HTML • XML • CSS • Active X • Java VM Further protocols	Yes No Yes No Yes Yes Yes Yes Yes Yes Yes Yes Yes Ye
PROFIBUS EtherNet/IP MPI Protocols (Ethernet) • TCP/IP • DHCP • SNMP • DCP • LLDP WEB characteristics • HTTP • HTTPS • HTML • XML • CSS • Active X • JavaScript • Java VM Further protocols • MODBUS	Yes No Yes No Yes Yes Yes Yes Yes Yes Yes Yes No Yes No Yes No Yes No Yes No Yes
PROFIBUS EtherNet/IP MPI Protocols (Ethernet) • TCP/IP • DHCP • SNMP • DCP • LLDP WEB characteristics • HTTP • HTTPS • HTML • XML • CSS • Active X • JavaScript • Java VM Further protocols • MODBUS • other bus systems	Yes No Yes No Yes Yes Yes Yes Yes Yes Yes Yes No Yes No Yes No Yes No Yes No Yes
PROFIBUS EtherNet/IP MPI Protocols (Ethernet) • TCP/IP • DHCP • SNMP • DCP • LLDP WEB characteristics • HTTP • HTTPS • HTML • XML • CSS • Active X • JavaScript • Java VM Further protocols • MODBUS • other bus systems communication functions / header	Yes No Yes No Yes Yes Yes Yes Yes Yes Yes Yes No Yes No Yes No Yes No Yes No Yes
PROFIBUS EtherNet/IP MPI Protocols (Ethernet) • TCP/IP • DHCP • SNMP • DCP • LLDP WEB characteristics • HTTP • HTTPS • HTML • XML • CSS • Active X • JavaScript • Java VM Further protocols • MODBUS • other bus systems communication functions / header Wireless communication	Yes No Yes No Yes Yes Yes Yes Yes Yes Yes Yes No Yes No Yes No Yes No Yes No Yes
PROFIBUS EtherNet/IP MPI Protocols (Ethernet) • TCP/IP • DHCP • SNMP • DCP • LLDP WEB characteristics • HTTP • HTTPS • HTML • XML • CSS • Active X • JavaScript • Java VM Further protocols • MODBUS • other bus systems communication functions / header Wireless communication • supported standards	Yes No Yes No Yes
PROFIBUS EtherNet/IP MPI Protocols (Ethernet) • TCP/IP • DHCP • SNMP • DCP • LLDP WEB characteristics • HTTP • HTTPS • HTML • XML • CSS • Active X • JavaScript • Java VM Further protocols • MODBUS • other bus systems communication functions / header Wireless communication • supported standards — Radio standard WLAN 802.11 — Bluetooth radio standard	Yes No Yes No Yes Yes Yes Yes Yes No Yes No Yes No Yes No
PROFIBUS EtherNet/IP MPI Protocols (Ethernet) • TCP/IP • DHCP • SNMP • DCP • LLDP WEB characteristics • HTTP • HTTPS • HTML • XML • CSS • Active X • JavaScript • Java VM Further protocols • MODBUS • other bus systems communication functions / header Wireless communication • supported standards — Radio standard WLAN 802.11	Yes No Yes No Yes Yes Yes Yes Yes No Yes No Yes No Yes No

Standards, approvals, certificates	
CE mark	Yes
UL approval	Yes
cULus	Yes
FM approval	No
RCM (formerly C-TICK)	Yes
KC approval	No
EAC (formerly Gost-R)	Yes
Suitable for safety functions	Yes
Marine approval	No
Highest safety class achievable in safety mode	
Performance level according to ISO 13849-1	PLe
• SIL acc. to IEC 61508	SIL 3
Use in hazardous areas	
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
• cULus Class II Division 2	No
• FM Class I Division 2	No
• FM Class II Division 2	No
Marine approval	
Germanischer Lloyd (GL)	Yes
Polski Rejestr Statkow (PRS)	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 / 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
WinCC Advanced (TIA Portal)	Yes
WinCC Professional (TIA Portal)	Yes
Languages	
Online languages	
	32

Languages per project	32
Functionality under WinCC (TIA Portal)	
Libraries	Yes
Applications/options	
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	00
Number of alarm classes Dit measures	32
Bit messages Number of hit messages	4,000
— Number of bit messages	4 000
Analog messages Number of analog messages	200
— Number of analog messagesS7 alarm number procedure	Yes
System messages HMI	Yes
System messages rivii 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
Message buffer	
— Number of entries	1 024
— Circulating buffer	Yes
— retentive	Yes
— maintenance-free	Yes
Recipe management • 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	
Number of variables per screen	2 048
Limit values	2 048 400
• Little values	
Multiplexing	400
	400 Yes
 Multiplexing 	400 Yes Yes
MultiplexingStructures	400 Yes Yes
MultiplexingStructuresArrays	400 Yes Yes
MultiplexingStructuresArraysImages	400 Yes Yes Yes Yes
Multiplexing Structures Arrays Images Number of configurable images Permanent window/default Global image	400 Yes Yes Yes Yes Yes
Multiplexing Structures Arrays Images Number of configurable images Permanent window/default	400 Yes Yes Yes Yes Yes Yes Yes
Multiplexing Structures Arrays Images Number of configurable images Permanent window/default Global image Image selection by PLC Image number in the PLC	400 Yes Yes Yes Yes Yes Yes Yes
Multiplexing Structures Arrays Images Number of configurable images Permanent window/default Global image Image selection by PLC Image number in the PLC Image objects	400 Yes Yes Yes Yes Yes Yes 500 Yes Yes Yes Yes Yes
Multiplexing Structures Arrays Images Number of configurable images Permanent window/default Global image Image selection by PLC Image number in the PLC	400 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	165
	20
Number of complex objects per screen Alarm view	
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
Bar graphs	Yes
• Sliders	Yes
Pointer instruments	Yes
Analog/digital clock	Yes
Lists	
Number of text lists per project	500
Number of text lists per broject Number of entries per text list	500
	500
Number of graphics lists per project	
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
 Short-term archive 	Yes
Memory location	
— Memory card	Yes
— USB memory	Yes
— Ethernet	Yes
Data storage format	
— CSV	Yes
— CSV — TXT	No
— RDB	Yes
Security Number of year groups	50
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
Electronic print to file	Yes; PDF, HTML
Character sets	
Keyboard fonts	
— US English	Yes
Transfer (upload/download)	
MPI/PROFIBUS DP	No
MPI/PROFIBUS DP LISB	No No
• USB	No

Process coupling	 using external storage medium 	No
	Process coupling	
• \$7-200 • \$7-300/400 • \$1-00000 • \$1-00000 • \$1-00000 • \$1-00000 • \$1-00000 • \$1-00000 • \$1-00000 • \$1-00000 • \$1-00000 • \$1-00000 • \$1-00000 • \$1-00000 • \$1-00000 • \$1-000000 • \$1-000000 • \$1-000000 • \$1-000000 • \$1-000000 • \$1-0000000 • \$1-00000000 • \$1-000000000000 • \$1-000000000000000000000000000000000000	• S7-1200	Yes
	• S7-1500	Yes
	• S7-200	Yes
■ SINUMERIK ■ SINUMERIK ■ SINUMERIK ■ SINUMERIK ■ SINUMERIK ■ SINUMERIK ■ Allen Bradley (EtherNet/IP) ■ Allen Bradley (EtherNet/IP) ■ Allen Bradley (DF1) ■ Misubishi (MC TCP/IP) ■ Misubishi (MC TCP/IP) ■ Misubishi (FX) ■ OMRON (FINS TCP) ■ OMRON (FINS TCP) ■ OMRON (LINK/Muttilink) ■ Modicon (Modbus TCP/IP) ■ Modicon (Modbus TCP/IP) ■ Modicon (Modbus) ■ No Service tools/configuration aids ■ Backup/Restore manually ■ Backup/Restore manually ■ Backup/Restore automatically ■ Simulation ■ Device switchover ■ Peripherals/Options Printer SIMATIC HMI MM memory card: Multi Media Card ■ Yes SIMATIC HMI SD memory card: Secure Digital memory card Network camera Additional software components loadable Mechanics/material Enclosure material (front) ■ Plastic ■ Aluminum ■ Stanics steel No Dimensions Width of the housing front Height of housing front Height (without packaging) 1.3 kg History 1.3 kg His	• S7-300/400	Yes
SINUMERIK SIMOTION Allen Bradley (EtherNet/IP) Allen Bradley (DF1) Mitsubishi (MC TCP/IP) Mitsubishi (MC TCP/IP) Mitsubishi (MC TCP/IP) Mitsubishi (MC TCP/IP) Modicon (Modbus TCP) Modicon (Modbus TCP/IP) Modic	• LOGO!	Yes
SIMOTION Allen Bradley (EtherNet/IP) Allen Bradley (DF1) No Allen Bradley (DF1) No Mitsubishi (MC TCPIP) Yes Mitsubishi (FX) No OMRON (FINSTCP) OMRON (LINK/Multilink) No Modicon (Modbus TCP/IP) Backup/Restore manually Service tools/configuration aids Backup/Restore manually Backup/Restore automatically Simulation Device switchover Poripherals/Options Printer SIMATIC HMI MM memory card: Multi Media Card Yes SIMATIC HMI MM memory card: Secure Digital memory card Ves SIMATIC HMI SD memory card: Secure Digital memory card Ves Additional software components loadable Wes, SIMATIC options Enclosure material (front) Plastic Aluminum Stainless steel No Dimensions Width of the housing front Height of housing front Modificant packaging) 1.3 kg	• WinAC	No
Allen Bradley (EtherNet/IP) Allen Bradley (DF1) No Allen Bradley (DF1) Mitsubishi (MC TCP/IP) Mitsubishi (FX) OMRON (FINS TCP) OMRON (FINS TCP) OMRON (FINS TCP) OMRON (Modicon (Modbus TCP/IP) Modicon (Modbus TCP/IP) Modico	• SINUMERIK	Yes
Allen Bradley (DF1) Misubishi (MC TCP/IP) Yes Misubishi (MC TCP/IP) Yes Misubishi (FX) No OMRON (FINS TCP) Yes OMRON (LINK/Multilink) No Modicon (Modbus TCP/IP) Yes Modicon (Modbus TCP/IP) Yes Modicon (Modbus) No Service tools/configuration aids ■ Backup/Restore automatically Yes ● Backup/Restore automatically Yes ● Simulation Yes Simulation Yes Simulation Yes Printer Yes SIMATIC HMI MM memory card: Multi Media Card SIMATIC HMI MM memory card: Secure Digital memory card Ves SIMATIC HMI SD memory Yes Network camera Yes Network camera Yes Network camera Yes Additional software components loadable Mochanics/material Enclosure material (front) Plastic Aluminum Stainless steel No Dimensions Width of the housing front Helght of housing front Weight (without packaging) 1.3 kg Medight (without packaging) 1.3 kg Medight (without packaging) 1.3 kg Medight (without packaging) 1.3 kg Modicon (Modbus Pyes No Modicon (Modbus Pyes No No Stainless Medicon (Modbus Pyes No No No No Stainless Medicon (Modbus Pyes No N	• SIMOTION	Yes
Mitsubishi (MC TCP/IP) Mitsubishi (FX) Mitsubishi (FX) Mo OMRON (FINS TCP) OMRON (LINK/Multilink) Modicon (Modbus TCP/IP) Modicon (Modbus TCP/IP) Modicon (Modbus) No Service tools/configuration aids Backup/Restore automatically Backup/Restore automatically Simulation Yes Device switchover Peripherals/Options Printer SIMATIC HMI MM memory card: Multi Media Card Yes SIMATIC HMI SD memory card: Secure Digital memory card USB memory Yes Additional software components loadable Yes; SIMATIC options Mechanics/material Enclosure material (front) Plastic Aluminum No Stainless steel No Dimensions Width of the housing front 17.7 mm Weight (without packaging) 1.3 kg Weight (without packaging) 1.3 kg	 Allen Bradley (EtherNet/IP) 	Yes
Mitsubishi (FX) OMRON (FINS TCP) OMRON (FINS TCP) OMRON (LINK/Multilink) No Modicon (Modbus TCP/IP) Modicon (Modbus TCP/IP) Modicon (Modbus) No Service tools/configuration aids Backup/Restore manually Backup/Restore automatically Simulation Device switchover Yes Peripherals/Options Printer Yes SIMATIC HMI MM memory card: Multi Media Card SIMATIC HMI SD memory card: Secure Digital memory card Ves SIMATIC HMI SD memory card: Secure Digital memory card Yes Network camera Yes Additional software components loadable Yes; SIMATIC options Mechanics/material Enclosure material (front) Plastic Aluminum No Stainless steel No Dimensions Width of the housing front Height of housing front 171.7 mm Weights Weight (without packaging) 1.3 kg	 Allen Bradley (DF1) 	No
OMRON (FINS TCP) OMRON (LINK/Multilink) No Modicon (Modbus TCP/IP) Modicon (Modbus TCP/IP) Modicon (Modbus) No Service tools/configuration aids Backupi/Restore manually Backupi/Restore automatically Simulation Device switchover Peripherals/Options Printer SIMATIC HMI MM memory card: Multi Media Card Yes SIMATIC HMI SD memory card: Secure Digital memory card Yes SIMATIC HMI SD memory Yes Network camera Additional software components loadable Yes; SIMATIC options Mechanics/material Enclosure material (front) Plastic Adminum Stainless steel No Dimensions Width of the housing front Melghts Weight (without packaging) 1.3 kg Weight (without packaging) 1.3 kg	Mitsubishi (MC TCP/IP)	Yes
OMRON (LINK/Multilink) Modicon (Modbus TCP/IP) Yes Modicon (Modbus) No Service tools/configuration aids Backup/Restore manually Backup/Restore automatically Simulation Peripherals/Options Printer SIMATIC HMI MM memory card: Multi Media Card Yes SIMATIC HMI SD memory card: Secure Digital memory card USB memory Network camera Additional software components loadable Yes; SIMATIC options Mechanics/material Enclosure material (front) Plastic Aluminum No Stainless steel No Dimensions Width of the housing front Height of housing front Weights Weight (without packaging) 1.3 kg Ves No Ves Ves Ves Ves Ves Ves Ves Ve	Mitsubishi (FX)	No
Modicon (Modbus TCP/IP) Modicon (Modbus) No Service tools/configuration aids Backup/Restore manually Backup/Restore automatically Simulation Device switchover Yes Device switchover Yes Poripherals/Options Printer Yes SIMATIC HMI MM memory card: Multi Media Card Yes SIMATIC HMI SD memory card: Secure Digital memory card USB memory Yes Network camera Yes Additional software components loadable Yes; SIMATIC options Mechanics/material Enclosure material (front) Plastic Aluminum No Stainless steel No Dimensions Width of the housing front Height of housing front Weights Weight (without packaging) 1.3 kg Ves No	OMRON (FINS TCP)	Yes
Modicon (Modbus) Service tools/configuration aids Backup/Restore manually Backup/Restore automatically Simulation Device switchover Peripherals/Options Printer Yes SIMATIC HMI MM memory card: Multi Media Card SIMATIC HMI SD memory card: Secure Digital memory card USB memory Yes Additional software components loadable Yes; SIMATIC options Mechanics/material Enclosure material (front) Plastic Aluminum Stainless steel No Dimensions Width of the housing front Height of housing front Height of housing front Weights Weight (without packaging) 1.3 kg Yes Yes Aluminum Weight (without packaging) 1.3 kg	 OMRON (LINK/Multilink) 	No
Service tools/configuration aids Backup/Restore manually Backup/Restore automatically Simulation Peripherals/Options Printer SIMATIC HMI MM memory card: Multi Media Card SIMATIC HMI SD memory card: Secure Digital memory card USB memory Network camera Additional software components loadable Yes; SIMATIC options Mechanics/material Enclosure material (front) Plastic Aluminum Stainless steel No Dimensions Width of the housing front Height of housing front Weights Weight (without packaging) 1.3 kg	 Modicon (Modbus TCP/IP) 	Yes
Backup/Restore manually Backup/Restore automatically Simulation Ves Device switchover Peripherals/Options Printer SIMATIC HMI MM memory card: Multi Media Card SIMATIC HMI SD memory card: Secure Digital memory card USB memory Network camera Additional software components loadable Yes; SIMATIC options Mechanics/material Enclosure material (front) Plastic Aluminum Stainless steel No Dimensions Width of the housing front Height of housing front Weights Weight (without packaging) 1.3 kg	Modicon (Modbus)	No
Backup/Restore automatically Simulation Printer Peripherals/Options Printer Yes SIMATIC HMI MM memory card: Multi Media Card Yes SIMATIC HMI SD memory card: Secure Digital memory card USB memory Yes Network camera Additional software components loadable Yes; SIMATIC options Mechanics/material Enclosure material (front) Plastic Aluminum Stainless steel No Dimensions Width of the housing front Height of housing front Weights Weight (without packaging) 1.3 kg Yes Yes 1.3 kg	Service tools/configuration aids	
Simulation Device switchover Yes Peripherals/Options Printer Yes SIMATIC HMI MM memory card: Multi Media Card Yes SIMATIC HMI SD memory card: Secure Digital memory card USB memory Yes Network camera Yes Additional software components loadable Yes; SIMATIC options Mechanics/material Enclosure material (front) Plastic Aluminum No Stainless steel No Dimensions Width of the housing front Height of housing front Weights Weight (without packaging) 1.3 kg	 Backup/Restore manually 	Yes
Peripherals/Options Printer Printer SIMATIC HMI MM memory card: Multi Media Card SIMATIC HMI SD memory card: Secure Digital memory card USB memory Yes Network camera Yes Additional software components loadable Yes; SIMATIC options Mechanics/material Enclosure material (front) Plastic Aluminum No Stainless steel No Dimensions Width of the housing front Height of housing front Weights Weight (without packaging) 1.3 kg	 Backup/Restore automatically 	Yes
Printer Yes SIMATIC HMI MM memory card: Multi Media Card Yes SIMATIC HMI SD memory card: Secure Digital memory card 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) 1.3 kg	 Simulation 	Yes
Printer Yes SIMATIC HMI MM memory card: Multi Media Card Yes SIMATIC HMI SD memory card: Secure Digital memory card 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) 1.3 kg	Device switchover	Yes
SIMATIC HMI MM memory card: Multi Media Card SIMATIC HMI SD memory card: Secure Digital memory card Ves USB memory Network camera Additional software components loadable Yes; SIMATIC options Mechanics/material Enclosure material (front) Plastic Aluminum No Stainless steel No Dimensions Width of the housing front Height of housing front 171.7 mm Weights Weight (without packaging) 1.3 kg	Peripherals/Options	
SIMATIC HMI SD memory card: Secure Digital memory card USB memory Network camera Yes Additional software components loadable Yes; SIMATIC options Mechanics/material Enclosure material (front) Plastic Aduminum No Stainless steel No Dimensions Width of the housing front Height of housing front Weights Weight (without packaging) 1.3 kg	Printer	Yes
USB memory Yes Network camera Yes Additional software components loadable Yes; SIMATIC options Mechanics/material Yes Enclosure material (front) Yes • 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) 1.3 kg	SIMATIC HMI MM memory card: Multi Media Card	Yes
Network camera Additional software components loadable Yes; SIMATIC options Mechanics/material Enclosure material (front) Plastic Aluminum Stainless steel No Dimensions Width of the housing front Height of housing front Height of housing front Weights Weight (without packaging) 1.3 kg	SIMATIC HMI SD memory card: Secure Digital memory card	Yes
Additional software components loadable Mechanics/material Enclosure material (front) Plastic Aluminum Stainless steel No Dimensions Width of the housing front Height of housing front Weights Weight (without packaging) Yes; SIMATIC options Yes Yes Yes Yes No 171.7 mm	USB memory	Yes
Mechanics/material Enclosure material (front) Plastic Aluminum Stainless steel No Dimensions Width of the housing front Height of housing front 171.7 mm Weights Weight (without packaging) 1.3 kg	Network camera	Yes
Enclosure material (front) Plastic Aluminum No Stainless steel No Dimensions Width of the housing front Height of housing front 171.7 mm Weights Weight (without packaging) 1.3 kg	Additional software components loadable	Yes; SIMATIC options
 Plastic Aluminum Stainless steel No Dimensions Width of the housing front Height of housing front Weights Weight (without packaging) 1.3 kg 	Mechanics/material	
● Aluminum ● Stainless steel No Dimensions Width of the housing front Height of housing front 171.7 mm Weights Weight (without packaging) 1.3 kg	Enclosure material (front)	
● Stainless steel No Dimensions Width of the housing front 248.4 mm Height of housing front 171.7 mm Weights Weight (without packaging) 1.3 kg	 Plastic 	Yes
Dimensions Width of the housing front 248.4 mm Height of housing front 171.7 mm Weights Weight (without packaging) 1.3 kg	Aluminum	No
Width of the housing front 248.4 mm Height of housing front 171.7 mm Weights Weight (without packaging) 1.3 kg	Stainless steel	No
Height of housing front 171.7 mm Weights Weight (without packaging) 1.3 kg	Dimensions	
Weights Weight (without packaging) 1.3 kg	Width of the housing front	248.4 mm
Weight (without packaging) 1.3 kg	Height of housing front	171.7 mm
	Weights	
Weight (with packaging) 1.8 kg	Weight (without packaging)	1.3 kg
	Weight (with packaging)	1.8 kg

last modified:

9/20/2021