## **SIEMENS**

## **Data sheet**



Figure similar

SIPLUS HMI KTP700 Basic DP based on 6AV2123-2GA03-0AX0 with conformal coating, -20...+50 °C, key/touch operation, 7" TFT display, 65536 colors, PROFIBUS interface, configurable as of WinCC Basic V13/STEP 7 Basic V13, contains open source software, which is provided free of charge see enclosed CD-ROM

General information	
Product type designation	KTP700 Basic color DP
Display	
Design of display	TFT widescreen display, LED backlighting
Screen diagonal	7 in
Display width	154.1 mm
Display height	85.9 mm
Number of colors	65 536
Resolution (pixels)	
<ul> <li>Horizontal image resolution</li> </ul>	800 pixel
Vertical image resolution	480 pixel
Backlighting	
<ul> <li>MTBF backlighting (at 25 °C)</li> </ul>	20 000 h
Backlight dimmable	Yes
Control elements	
Keyboard fonts	
<ul> <li>Function keys</li> </ul>	
<ul> <li>Number of function keys</li> </ul>	8
<ul> <li>Number of function keys with LEDs</li> </ul>	0
<ul> <li>Keys with LED</li> </ul>	No
System keys	No
<ul> <li>Numeric keyboard</li> </ul>	Yes; Onscreen keyboard
alphanumeric keyboard	Yes; Onscreen keyboard
Touch operation	
Design as touch screen	Yes; Analog-resistive
Installation type/mounting	
Mounting in portrait format possible	Yes
Mounting in landscape format possible	Yes
maximum permissible angle of inclination without external ventilation	35°
Supply voltage	
Type of supply voltage	DC
Rated value (DC)	24 V
permissible range, lower limit (DC)	19.2 V
permissible range, upper limit (DC)	28.8 V
Input current	
Current consumption (rated value)	230 mA
Starting current inrush I²t	0.2 A <sup>2</sup> ·s

Power		
Active power input, typ.	5.5 W	
Processor		
Processor type	ARM	
Memory		
Flash	Yes	
RAM	Yes	
Memory available for user data	10 Mbyte	
	10 Mbyte	
Type of output		
Acoustics	V	
Buzzer	Yes	
Speaker	No	
Time of day		
Clock		
<ul> <li>Hardware clock (real-time)</li> </ul>	Yes	
Software clock	Yes	
• retentive	Yes; Back-up duration typically 6 weeks	
synchronizable	Yes	
Interfaces		
Number of industrial Ethernet interfaces	0	
Number of RS 485 interfaces	1	
Number of RS 422 interfaces	1; together with RS 485	
Number of RS 232 interfaces	0; with optional adapter	
Number of USB interfaces	1; Up to 16 GB	
Number of 20 mA interfaces (TTY)	0	
Number of parallel interfaces	0	
Number of other interfaces	0	
Number of SD card slots	0	
With software interfaces	No	
Industrial Ethernet		
<ul> <li>Industrial Ethernet status LED</li> </ul>	0	
Protocols		
PROFINET	No	
Supports protocol for PROFINET IO	No	
IRT	No	
PROFIBUS	Yes	
EtherNet/IP	No	
MPI	Yes	
Protocols (Ethernet)		
• TCP/IP	No	
• DHCP	No	
• SNMP	No	
• DCP	No	
• LLDP	No	
WEB characteristics		
• HTTP	No	
• HTML	No	
Redundancy mode		
Media redundancy		
— MRP	No	
Further protocols		
• CAN	No	
• MODBUS	Yes; Modicon (MODBUS RTU)	
Interrupts/diagnostics/status information		
Diagnoses		
Diagnostic information readable	No	
EMC	110	
Emission of radio interference acc. to EN 55 011	Ves	
<ul> <li>Limit class A, for use in industrial areas</li> </ul>	Yes	

Limit class B, for use in residential areas	No
Degree and class of protection	
IP (at the front)	IP65
IP (rear)	IP20
NEMA (front)	
<ul> <li>Enclosure Type 4 at the front</li> </ul>	Yes
Enclosure Type 4x at the front	Yes
Ambient conditions	
Suited for indoor use	Yes
Suited for outdoor use	No
Ambient temperature during operation	
Operation (vertical installation)	
<ul> <li>For vertical installation, min.</li> </ul>	-20 °C; = Tmin
<ul><li>For vertical installation, max.</li></ul>	50 °C
Operation (max. tilt angle)	
<ul> <li>At maximum tilt angle, min.</li> </ul>	-20 °C; = Tmin
— At maximum tilt angle, max.	40 °C
Operation (vertical installation, portrait format)	
<ul><li>For vertical installation, min.</li></ul>	-20 °C; = Tmin
— For vertical installation, max.	40 °C
Operation (max. tilt angle, portrait format)	
<ul> <li>At maximum tilt angle, min.</li> </ul>	-20 °C; = Tmin
— At maximum tilt angle, max.	35 °C
Ambient temperature during storage/transportation	
• min.	-20 °C
• max.	60 °C
Altitude during operation relating to sea level	
<ul> <li>Installation altitude above sea level, max.</li> </ul>	5 000 m
<ul> <li>Ambient air temperature-barometric pressure- altitude</li> </ul>	Tmin Tmax at 1 140 hPa 795 hPa (-1 000 m +2 000 m) // Tmin (Tmax - 10 K) at 795 hPa 658 hPa (+2 000 m +3 500 m) // Tmin (Tmax -20 K) at 658 hPa 540 hPa (+3 500 m +5 000 m)
Relative humidity	
<ul> <li>With condensation, tested in accordance with IEC 60068-2-38, max.</li> </ul>	100 %; RH incl. condensation/frost (no commissioning when condensation present), vertical mounting position
Resistance	
Coolants and lubricants	
<ul> <li>Resistant to commercially available coolants and lubricants</li> </ul>	Yes; Incl. diesel and oil droplets in the air
Use in stationary industrial systems	
<ul> <li>to biologically active substances according to EN 60721-3-3</li> </ul>	Yes; Class 3B2 mold, fungus and dry rot spores (with the exception of fauna); Class 3B3 on request
<ul> <li>to chemically active substances according to EN 60721-3-3</li> </ul>	Yes; Class 3C4 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree 3); $^{\star}$
<ul> <li>to mechanically active substances according to EN 60721-3-3</li> </ul>	Yes; Class 3S4 incl. sand, dust, *
Use on ships/at sea	
<ul> <li>to biologically active substances according to EN 60721-3-6</li> </ul>	Yes; Class 6B2 mold and fungal spores (excluding fauna); Class 6B3 on request
<ul> <li>to chemically active substances according to EN 60721-3-6</li> </ul>	Yes; Class 6C3 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree 3); $^{\star}$
<ul> <li>to mechanically active substances according to EN 60721-3-6</li> </ul>	Yes; Class 6S3 incl. sand, dust; *
Usage in industrial process technology	
<ul> <li>Against chemically active substances acc. to EN 60654-4</li> </ul>	Yes; Class 3 (excluding trichlorethylene)
<ul> <li>Environmental conditions for process, measuring and control systems acc. to ANSI/ISA- 71.04</li> </ul>	Yes; Level GX group A/B (excluding trichlorethylene; harmful gas concentrations up to the limits of EN 60721-3-3 class 3C4 permissible); level LC3 (salt spray) and level LB3 (oil)
Remark	
<ul> <li>Note regarding classification of environmental conditions acc. to EN 60721, EN 60654-4 and</li> </ul>	* The supplied plug covers must remain in place over the unused interfaces during operation!
ANSI/ISA-71.04	

Coatings for printed circuit board assemblies acc. to	Yes; Class 2 for high reliability
EN 61086	
<ul> <li>Protection against fouling acc. to EN 60664-3</li> </ul>	Yes; Type 1 protection
<ul> <li>Military testing according to MIL-I-46058C, Amendment 7</li> </ul>	Yes; Discoloration of coating possible during service life
<ul> <li>Qualification and Performance of Electrical Insulating Compound for Printed Board Assemblies according to IPC-CC-830A</li> </ul>	Yes; Conformal coating, Class A
Operating systems	
proprietary	Yes
pre-installed operating system	
Windows CE	No
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)	Yes; via integrated WinCC Basic (TIA Portal)
<ul> <li>STEP 7 Professional (TIA Portal)</li> </ul>	Yes; via integrated WinCC Basic (TIA Portal)
WinCC flexible Compact	No
WinCC flexible Standard	No
WinCC flexible Advanced	No
<ul> <li>WinCC Basic (TIA Portal)</li> </ul>	Yes
<ul> <li>WinCC Comfort (TIA Portal)</li> </ul>	Yes
<ul> <li>WinCC Advanced (TIA Portal)</li> </ul>	Yes
WinCC Professional (TIA Portal)	Yes
Languages	
Online languages	
Number of online/runtime languages	10
Project languages	
Languages per project	32
Functionality under WinCC (TIA Portal)	
Libraries	Yes
Applications/options	
Web browser	Yes
Number of Visual Basic Scripts	No
Task planner	Yes
• time-controlled	No
• task-controlled	Yes
Help system	Yes
Number of characters per info text	500
Message system	
Number of alarm classes	32
Bit messages	
Number of bit messages	1 000
Analog messages	
— Number of analog messages	25
S7 alarm number procedure	No
System messages HMI     (ONATIO 67, ONUMEDIC)	Yes
<ul> <li>System event, more (SIMATIC S7, SINUMERIK, SIMOTION,)</li> </ul>	Yes; System message buffer of the SIMATIC S7-1200 and S7-1500
<ul> <li>Number of characters per message</li> </ul>	80
<ul> <li>Number of process values per message</li> </ul>	8
<ul> <li>Acknowledgment groups</li> </ul>	Yes
Message indicator	Yes
Message buffer	
<ul><li>Number of entries</li></ul>	256
	V
<ul><li>— Circulating buffer</li></ul>	Yes

— maintenance-free	Yes
Recipe management	
Number of recipes	50
Data records per recipe	100
Entries per data record	100
Size of internal recipe memory	256 kbyte
Recipe memory expandable	No
Variables	INO
	000
Number of variables per device	800
Number of variables per screen	100
Limit values	Yes
Multiplexing	Yes
Structures	No
Arrays	Yes
Images	
<ul> <li>Number of configurable images</li> </ul>	250
<ul> <li>Permanent window/default</li> </ul>	Yes
Global image	Yes
<ul> <li>Image selection by PLC</li> </ul>	Yes
Image number in the PLC	Yes
Image objects	
Number of objects per image	100
Text fields	Yes
• I/O fields	Yes
<ul> <li>Graphic I/O fields (graphics list)</li> </ul>	Yes
Symbolic I/O fields (text list)	Yes
Date/time fields	Yes
Switches	Yes
Buttons	Yes
Graphic display	Yes
• Icons	Yes
Geometric objects	Yes
Complex image objects	165
	10
Number of complex objects per screen     Alarm view	
Alarm view     Trond view	Yes
Trend view	Yes
• User view	Yes
Status/control	No
<ul><li>Sm@rtClient view</li></ul>	No
<ul> <li>Recipe view</li> </ul>	Yes
<ul><li>f(x) trend view</li></ul>	No
<ul> <li>System diagnostics view</li> </ul>	Yes; System message buffer of the SIMATIC S7-1200 and S7-1500
M. P. DI	M
Media Player	No
Media Player     Bar graphs	Yes
Bar graphs	Yes
<ul><li>Bar graphs</li><li>Sliders</li></ul>	Yes No
<ul><li>Bar graphs</li><li>Sliders</li><li>Pointer instruments</li></ul>	Yes No No
<ul><li>Bar graphs</li><li>Sliders</li><li>Pointer instruments</li><li>Analog/digital clock</li></ul>	Yes No No
<ul> <li>Bar graphs</li> <li>Sliders</li> <li>Pointer instruments</li> <li>Analog/digital clock</li> </ul> Lists	Yes No No No
<ul> <li>Bar graphs</li> <li>Sliders</li> <li>Pointer instruments</li> <li>Analog/digital clock</li> </ul> Lists <ul> <li>Number of text lists per project</li> <li>Number of entries per text list</li> </ul>	Yes No No No
<ul> <li>Bar graphs</li> <li>Sliders</li> <li>Pointer instruments</li> <li>Analog/digital clock</li> </ul> Lists <ul> <li>Number of text lists per project</li> <li>Number of entries per text list</li> <li>Number of graphics lists per project</li> </ul>	Yes No No No 100 100
<ul> <li>Bar graphs</li> <li>Sliders</li> <li>Pointer instruments</li> <li>Analog/digital clock</li> </ul> Lists <ul> <li>Number of text lists per project</li> <li>Number of entries per text list</li> <li>Number of graphics lists per project</li> <li>Number of entries per graphics list</li> </ul>	Yes No No No 100
<ul> <li>Bar graphs</li> <li>Sliders</li> <li>Pointer instruments</li> <li>Analog/digital clock</li> </ul> Lists <ul> <li>Number of text lists per project</li> <li>Number of entries per text list</li> <li>Number of graphics lists per project</li> <li>Number of entries per graphics list</li> </ul> Archiving	Yes No No No 100 100 100
<ul> <li>Bar graphs</li> <li>Sliders</li> <li>Pointer instruments</li> <li>Analog/digital clock</li> </ul> Lists <ul> <li>Number of text lists per project</li> <li>Number of entries per text list</li> <li>Number of graphics lists per project</li> <li>Number of entries per graphics list</li> </ul> Archiving <ul> <li>Number of archives per device</li> </ul>	Yes No No No 100 100 100
<ul> <li>Bar graphs</li> <li>Sliders</li> <li>Pointer instruments</li> <li>Analog/digital clock</li> </ul> Lists <ul> <li>Number of text lists per project</li> <li>Number of entries per text list</li> <li>Number of graphics lists per project</li> <li>Number of entries per graphics list</li> </ul> Archiving <ul> <li>Number of archives per device</li> <li>Number of entries per archive</li> </ul>	Yes No No No 100 100 100 2 10 000
<ul> <li>Bar graphs</li> <li>Sliders</li> <li>Pointer instruments</li> <li>Analog/digital clock</li> <li>Lists <ul> <li>Number of text lists per project</li> <li>Number of entries per text list</li> <li>Number of graphics lists per project</li> <li>Number of entries per graphics list</li> </ul> </li> <li>Archiving <ul> <li>Number of archives per device</li> <li>Number of entries per archive</li> <li>Message archive</li> </ul> </li> </ul>	Yes No No No 100 100 100 2 10 000 Yes
<ul> <li>Bar graphs</li> <li>Sliders</li> <li>Pointer instruments</li> <li>Analog/digital clock</li> <li>Lists <ul> <li>Number of text lists per project</li> <li>Number of entries per text list</li> <li>Number of graphics lists per project</li> <li>Number of entries per graphics list</li> </ul> </li> <li>Archiving <ul> <li>Number of archives per device</li> <li>Number of entries per archive</li> <li>Message archive</li> <li>Process value archive</li> </ul> </li> </ul>	Yes No No No 100 100 100 2 10 000
<ul> <li>Bar graphs</li> <li>Sliders</li> <li>Pointer instruments</li> <li>Analog/digital clock</li> </ul> Lists <ul> <li>Number of text lists per project</li> <li>Number of entries per text list</li> <li>Number of graphics lists per project</li> <li>Number of entries per graphics list</li> </ul> Archiving <ul> <li>Number of archives per device</li> <li>Number of entries per archive</li> <li>Message archive</li> <li>Process value archive</li> <li>Archiving methods</li> </ul>	Yes No No No 300 100 100 100 2 10 000 Yes Yes
<ul> <li>Bar graphs</li> <li>Sliders</li> <li>Pointer instruments</li> <li>Analog/digital clock</li> <li>Lists <ul> <li>Number of text lists per project</li> <li>Number of entries per text list</li> <li>Number of graphics lists per project</li> <li>Number of entries per graphics list</li> </ul> </li> <li>Archiving <ul> <li>Number of archives per device</li> <li>Number of entries per archive</li> <li>Message archive</li> <li>Process value archive</li> </ul> </li> </ul>	Yes No No No 100 100 100 2 10 000 Yes

Nemony location	— Memory card         No           — USB memory         Yes           — Ethernet         No           • Data storage format         Ves           — CSV         No           — TXT         Yes           — RDB         No           Security           • Number of user groups         50           • Number of user rights         32           • Number of users         50           • Password export/import         Yes           • SIMATIC Logon         No           Character sets           • Keyboard fonts         — US English           — US English         Yes           Transfer (upload/download)           • MPI/PROFIBUS DP         Yes           • USB         No           • Ethernet         No           • using external storage medium         No           Process coupling           • S7-1200         Yes           • S7-200         Yes           • S7-300/400         Yes           • WinAC         Yes           • WinAC         Yes           • SINUMERIK         Yes, No ac           • SIMOTION         Yes	
— Elbernet No  Data storage format  — CSV No — TXT Yes — RDB No  Security  • Number of user groups • Number of user storage s	— USB memory         Yes           — Ethernet         No           ● Data storage format         — CSV           — TXT         Yes           — RDB         No           Security           ● Number of user groups         50           ● Number of user rights         32           ● Number of users         50           ● Password export/import         Yes           ● SIMATIC Logon         No           Character sets           ● Keyboard fonts         — US English           — US English         Yes           Transfer (upload/download)           ● MPI/PROFIBUS DP         Yes           ● USB         No           ● Ethernet         No           ● using external storage medium         No           Process coupling           ● S7-1200         Yes           ● S7-1500         Yes           ● S7-200         Yes           ● S7-300/400         Yes           ● LOGO!         Yes           ● WinAC         Yes           ● SINUMERIK         Yes; No ac           ● SIMOTION         Yes           ● Allen Bradley (EtherNet/IP)	
— Ethernet	— Ethernet	
- Data storage format CSV TXT CSV TXT RDB No  Security  Number of user groups	<ul> <li>Data storage format         — CSV         — TXT         — RDB         No</li> <li>Security         <ul> <li>Number of user groups</li> <li>Number of user rights</li> <li>Number of users</li> <li>Number of users</li> <li>Number of users</li> <li>Number of users</li> <li>SIMATIC Logon</li> <li>No</li> </ul> </li> <li>Character sets         <ul> <li>Keyboard fonts</li> <li>— US English</li> <li>Yes</li> </ul> </li> <li>Transfer (upload/download)         <ul> <li>MPI/PROFIBUS DP</li> <li>USB</li> <li>Ethernet</li> <li>using external storage medium</li> <li>No</li> </ul> </li> <li>Process coupling         <ul> <li>\$7-1200</li> <li>\$7-1500</li> <li>\$7-200</li> <li>\$7-200</li> <li>\$7-200</li> <li>\$7-200</li> <li>\$7-8</li> <li>\$1000</li> <li>\$1000</li></ul></li></ul>	
CSV	— CSV         No           — TXT         Yes           — RDB         No           Security         • Number of user groups         50           • Number of user rights         32           • Number of users         50           • Password export/import         Yes           • SIMATIC Logon         No           Character sets           • Keyboard fonts         — US English           — US English         Yes           Transfer (upload/download)           • MPI/PROFIBUS DP         Yes           • USB         No           • Ethernet         No           • using external storage medium         No           Process coupling           • S7-1200         Yes           • S7-200         Yes           • S7-300/400         Yes           • LOGO!         Yes           • WinAC         Yes           • SINUMERIK         Yes; No ac           • SIMOTION         Yes           • Allen Bradley (EtherNet/IP)         No           • Mitsubishi (MC TCP/IP)         No           • Mitsubishi (FX)         Yes           • OMRON (FINS TCP)         No	
	— TXT         Yes           — RDB         No           Security         • Number of user groups         50           • Number of user rights         32           • Number of users         50           • Password export/import         Yes           • SIMATIC Logon         No           Character sets         • Keyboard fonts           — US English         Yes           Transfer (upload/download)         • MPI/PROFIBUS DP         Yes           • USB         No           • Ethernet         No           • using external storage medium         No           Process coupling         Yes           • S7-1200         Yes           • S7-200         Yes           • S7-200         Yes           • S7-300/400         Yes           • LOGO!         Yes           • WinAC         Yes           • SINUMERIK         Yes; No ac           • SIMOTION         Yes           • Allen Bradley (EtherNet/IP)         No           • Mitsubishi (MC TCP/IP)         No           • Mitsubishi (FX)         Yes           • OMRON (FINS TCP)         No           • Modicon (Modbus TCP/IP)         No <td></td>	
RDB	— RDB	
Security     Number of user groups   50     Number of user groups   50     Number of users   50     Password export/import   Yes     SIMATIC Logon   No     Character sets     Keyboard fonts   Yes     SIMATIC Logon   No     Character sets     Keyboard fonts   Yes     LUS English   Yes     Transfer (ploaddownbad)     MPIPROFIBUS DP   Yes     USB   No     Ethernet   No     Using external storage medium   No     Process coupling     S7-1200   Yes     S7-1500   Yes     S7-200   Yes     S7-200   Yes     S7-200   Yes     S7-200   Yes     S7-200   Yes     S7-300400   Yes     SIMUMERIK   Yes: No access to NCK data     SIMUMERIK   Yes     SIMUM	Security	
Number of user groups   50	<ul> <li>Number of user groups</li> <li>Number of user rights</li> <li>Number of users</li> <li>Number of users</li> <li>Password export/import</li> <li>SIMATIC Logon</li> <li>No</li> <li>Character sets</li> <li>Keyboard fonts         <ul> <li>US English</li> <li>Yes</li> </ul> </li> <li>Transfer (upload/download)</li> <li>MPI/PROFIBUS DP</li> <li>USB</li> <li>Ethernet</li> <li>using external storage medium</li> <li>No</li> <li>Process coupling</li> <li>\$7-1200</li> <li>\$7-1200</li> <li>\$7-200</li> <li>\$7-200</li> <li>Yes</li> <li>\$7-300/400</li> <li>LOGO!</li> <li>WinAC</li> <li>SINUMERIK</li> <li>SINUMERIK</li> <li>SIMOTION</li> <li>Allen Bradley (EtherNet/IP)</li> <li>Allen Bradley (EtherNet/IP)</li> <li>Allen Bradley (DF1)</li> <li>Mitsubishi (MC TCP/IP)</li> <li>Mitsubishi (FX)</li> <li>OMRON (FINS TCP)</li> <li>OMRON (FINS TCP)</li> <li>OMRON (LINK/Multilink)</li> <li>Modicon (Modbus TCP/IP)</li> <li>Modicon (Modbus)</li> <li>Yes</li> </ul>	
Number of users   50	<ul> <li>Number of user rights</li> <li>Number of users</li> <li>Password export/import</li> <li>SIMATIC Logon</li> <li>Keyboard fonts         — US English</li> <li>MPI/PROFIBUS DP</li> <li>USB</li> <li>Ethernet</li> <li>using external storage medium</li> <li>Process coupling</li> <li>\$7-1200</li> <li>\$7-1200</li> <li>\$7-1500</li> <li>\$7-200</li> <li>\$7-300/400</li> <li>UGGO!</li> <li>WinAC</li> <li>SINUMERIK</li> <li>SIMOTION</li> <li>Allen Bradley (EtherNet/IP)</li> <li>Mitsubishi (MC TCP/IP)</li> <li>Mitsubishi (FX)</li> <li>OMRON (FINS TCP)</li> <li>Modicon (Modbus)</li> </ul>	
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Password export/import   Yes	<ul> <li>Password export/import</li> <li>SIMATIC Logon</li> <li>No</li> <li>Character sets</li> <li>Keyboard fonts         — US English</li> <li>Transfer (upload/download)</li> <li>MPI/PROFIBUS DP</li> <li>USB</li> <li>Ethernet</li> <li>using external storage medium</li> <li>No</li> <li>Process coupling</li> <li>\$7-1200</li> <li>\$7-1500</li> <li>\$7-200</li> <li>\$7-200</li> <li>\$7-200</li> <li>\$7-300/400</li> <li>LOGO!</li> <li>WinAC</li> <li>SINUMERIK</li> <li>SINUMERIK</li> <li>SIMOTION</li> <li>Allen Bradley (EtherNet/IP)</li> <li>Allen Bradley (DF1)</li> <li>Mitsubishi (MC TCP/IP)</li> <li>Mitsubishi (FX)</li> <li>OMRON (FINS TCP)</li> <li>OMRON (LINK/Multilink)</li> <li>Modicon (Modbus)</li> <li>Yes</li> </ul>	
	◆ SIMATIC Logon         No           Character sets           ◆ Keyboard fonts         Yes           — US English         Yes           Transfer (upload/download)           ◆ MPI/PROFIBUS DP         Yes           ◆ USB         No           ◆ Ethernet         No           ◆ using external storage medium         No           Process coupling           ◆ S7-1200         Yes           ◆ S7-200         Yes           ◆ S7-200         Yes           ◆ S7-300/400         Yes           ◆ LOGO!         Yes           ◆ WinAC         Yes           ◆ SINUMERIK         Yes; No accompan="2">Yes; No accompan="2">Yes           ◆ SIMOTION         Yes           ◆ Allen Bradley (EtherNet/IP)         No           ◆ Allen Bradley (DF1)         Yes           ◆ Mitsubishi (MC TCP/IP)         No           ◆ Momental State of the process coupling         Yes           ◆ OMRON (FINS TCP)         No           ◆ OMRON (LINK/Multilink)         Yes           ◆ Modicon (Modbus)         Yes	
Character sets     Keyboard fonts	Character sets	
	<ul> <li>Keyboard fonts         — US English         — US English         Yes</li> <li>Transfer (upload/download)         <ul> <li>MPI/PROFIBUS DP</li> <li>USB</li> <li>USB</li> <li>Ethernet</li> <li>using external storage medium</li> </ul> </li> <li>Process coupling         <ul> <li>S7-1200</li> <li>S7-1500</li> <li>S7-200</li> <li>S7-200</li> <li>S7-300/400</li> <li>LOGO!</li> <li>WinAC</li> <li>SINUMERIK</li> <li>SINUMERIK</li> <li>SIMOTION</li> <li>Allen Bradley (EtherNet/IP)</li> <li>Allen Bradley (DF1)</li> <li>Mitsubishi (MC TCP/IP)</li> <li>Mitsubishi (FX)</li> <li>OMRON (FINS TCP)</li> <li>OMRON (LINK/Multilink)</li> <li>Modicon (Modbus TCP/IP)</li> <li>Modicon (Modbus)</li> </ul> </li> </ul>	
Transfer (uploadrdownlod)	Transfer (upload/download)  MPI/PROFIBUS DP USB Ethernet using external storage medium  Process coupling  S7-1200 S7-1500 S7-200 S7-200 S7-300/400 LOGO! WinAC SINUMERIK SINUMERIK SIMOTION Allen Bradley (EtherNet/IP) Allen Bradley (DF1) Mitsubishi (MC TCP/IP) Mitsubishi (FX) OMRON (FINS TCP) OMRON (LINK/Multilink) Modicon (Modbus) Modicon (Modbus)  Yes No Yes Yes Yes Yes No	
Transfer (upload/download)   MPI/PROFIBUS DP	Transfer (upload/download)  MPI/PROFIBUS DP USB USB Ethernet using external storage medium No  Process coupling S7-1200 S7-1200 S7-1500 S7-200 S7-200 S7-300/400 LOGO! WinAC SINUMERIK SINUMERIK SIMOTION Allen Bradley (EtherNet/IP) Allen Bradley (DF1) Mitsubishi (MC TCP/IP) Mitsubishi (FX) OMRON (FINS TCP) OMRON (LINK/Multilink) Modicon (Modbus) Yes No	
MPUPROFIBUS DP     USB     USB     No     Ethernet     No     using external storage medium     No  Process coupling     S7-1200     Yes     S7-1500     Yes     S7-200     Yes     S7-300400     Yes     S7-300400     Yes     S7-300400     Yes     S7-300400     Yes     S7-300400     Yes     S7-300400     Yes     SR-300400     Yes     SINUMERIK     Yes     SIMOTION     Yes     SIMOTION     Allen Bradley (EtherNet/IP)     Allen Bradley (CtherNet/IP)     Mitsubishi (MC TCP/IP)     Mitsubishi (MC TCP/IP)     Mitsubishi (FX)     OMRON (FINS TCP)     No     OMRON (INNXMuttlink)     Yes     Modicon (Modbus TCP/IP)     No     Modicon (Modbus TCP/IP)     No     Modicon (Modbus TCP/IP)     No     Service tools/configuration aids     Backup/Restore manually     Backup/Restore automatically     Service tools/configuration aids     Backup/Restore automatically     Service tools/configuration     Device switchover     Pes     Porlpherals/Options     Printer     SIMATIC HMI MM memory card: Secure Digital memory card     SIMATIC HMI SD memory card: Secure Digital memory and stainless material (front)     Plastic     Aluminum     No     Stainless steel     No  Dimensions Width of the housing front      Zi44 mm      Ves     Stainless steel     No     Sumensions Width of the housing front      Zi44 mm	<ul> <li>MPI/PROFIBUS DP</li> <li>USB</li> <li>Ethernet</li> <li>using external storage medium</li> <li>No</li> <li>Process coupling</li> <li>S7-1200</li> <li>S7-1500</li> <li>S7-200</li> <li>S7-200</li> <li>S7-300/400</li> <li>LOGO!</li> <li>WinAC</li> <li>SINUMERIK</li> <li>SIMOTION</li> <li>Allen Bradley (EtherNet/IP)</li> <li>Allen Bradley (DF1)</li> <li>Mitsubishi (MC TCP/IP)</li> <li>Mitsubishi (FX)</li> <li>OMRON (FINS TCP)</li> <li>OMRON (LINK/Multilink)</li> <li>Modicon (Modbus)</li> <li>Yes</li> </ul>	
■ Ethernet     ■ Lithernet     ■ using external storage medium     No  Process coupling     ■ \$77-1200     ■ \$77-1500     ■ \$77-1500     ■ \$77-1500     ■ \$77-200     ■ \$77-200     ■ \$77-300/400     ■ \$78-	<ul> <li>USB</li> <li>Ethernet</li> <li>using external storage medium</li> <li>Process coupling</li> <li>\$7-1200</li> <li>\$7-1500</li> <li>\$7-200</li> <li>\$7-200</li> <li>\$7-300/400</li> <li>\$1000</li> <li>\$1000</li></ul>	
Ethernet	<ul> <li>Ethernet</li> <li>using external storage medium</li> <li>No</li> <li>Process coupling</li> <li>\$7-1200</li> <li>\$7-1200</li> <li>\$7-1500</li> <li>\$7-200</li> <li>\$7-200</li> <li>\$7-300/400</li> <li>\$100 \$\text{Yes}\$</li> <li>\$100 \$\text{Yes}\$</li></ul>	
● using external storage medium         No           Process coupling           ● S7-1200         Yes           ● S7-1500         Yes           ● S7-300/400         Yes           ● UCGO!         Yes           ● WinAC         Yes           ● SINUMERIK         Yes; No access to NCK data           ● SINOTION         Yes           ● Allen Bradley (EtherNet/IP)         No           ● Allen Bradley (DF1)         Yes           ● Mitsubishi (MC TCP/IP)         No           ● Mitsubishi (FX)         Yes           ● OMRON (FINS TCP)         No           ● Modicon (Modbus TCP/IP)         No           ● Backup/Restore manually         Yes           ● Backup/Restore automatically         No           ● Backup/Restore automatically         No           ● Device switchover         Yes           Peripherals/Options           Printer         No           SIMATIC HMI SD memory card: Multi Media Card         No           SIMATIC HMI SD memory card: Secure Digital memory card: Secure Digital memory card: Secure Digital memory ca	■ using external storage medium  Process coupling      ■ S7-1200     ■ S7-1500     ■ S7-200     ■ S7-300/400     ■ 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)      ■ Yes     ■ Modicon (Modbus)  No     ■ Yes     ■ No     ■	
Process coupling   S7-1500	Process coupling	
• \$7-1200 • \$7-1200 • \$7-1200 • \$7-200 • \$7-200 • \$7-200 • \$7-300/400 • Yes • \$7-300/400 • Yes • \$1-000 Yes • WinAC • WinAC • SINUMERIK • SINUMERIK • SINOTION • Allen Bradley (DF1) • Allen Bradley (DF1) • Allen Bradley (DF1) • Allen Bradley (DF1) • Mitsubishi (MC TCP/IP) • Mitsubishi (MC TCP/IP) • Mitsubishi (FX) • MRON (FINS TCP) • OMRON (LINK/Multilink) • Modicon (Modbus TCP/IP) • Modicon (Modbus TCP/IP) • Modicon (Modbus TCP/IP) • Modicon (Modbus)  Service tools/configuration aids • Backup/Restore manually • Backup/Restore automatically • Simulation • Device switchover  Peripherals/Options  Printer  SIMATIC HMI MD memory card: Multi Media Card SIMATIC HMI SD memory card: Secure Digital memory ard uSB memory  Mochanics/material Enclosure material (front) • Plastic • Aluminum • No • Stainless steel  No  Dimensions  Width of the housing front  214 mm	<ul> <li>\$7-1200</li> <li>\$7-1500</li> <li>\$7-200</li> <li>\$7-200</li> <li>\$7-300/400</li> <li>\$1-200</li> <li>\$1-200&lt;</li></ul>	
• \$7-1500	<ul> <li>\$7-1500</li> <li>\$7-200</li> <li>\$7-300/400</li> <li>\$1-200</li> <li>\$2-200</li> <li>\$3-200/400</li> <li>\$4-200</li> <li>\$4-2</li></ul>	
• \$7-200 • \$7-300/400 • \$7-300	<ul> <li>\$7-200</li> <li>\$7-300/400</li> <li>\$1-200</li> <li>\$1-200<td></td></li></ul>	
	<ul> <li>S7-300/400</li> <li>LOGO!</li> <li>WinAC</li> <li>SINUMERIK</li> <li>SIMOTION</li> <li>Allen Bradley (EtherNet/IP)</li> <li>Allen Bradley (DF1)</li> <li>Mitsubishi (MC TCP/IP)</li> <li>Mitsubishi (FX)</li> <li>OMRON (FINS TCP)</li> <li>OMRON (LINK/Multilink)</li> <li>Modicon (Modbus)</li> </ul>	
LOGO! WinAC WinAC SINUMERIK SINUMERIK SINUTION Allen Bradley (EtherNet/IP) Allen Bradley (EtherNet/IP) Allen Bradley (Pf1) Allen Bradley (Df1) Mitsubishi (MC TCP/IP) Mitsubishi (MC TCP/IP) Mo OMRON (FINS TCP) OMRON (FINS TCP) Modicon (Modbus TCP/IP) Modicon (Modbus TCP/IP) Modicon (Modbus TCP/IP) Modicon (Modbus) Service tools/configuration aids Backup/Restore manually Simulation Simulation Device switchover Yes  Peripherals/Options Printer No SIMATIC HMI MM memory card: Multi Media Card No SIMATIC HMI SD memory card: Secure Digital memory card USB memory Mechanics/material Enclosure material (front) Plastic Aluminum Stainless steel Width of the housing front  Ves Width of the housing front  214 mm	<ul> <li>LOGO!         <ul> <li>WinAC</li> <li>SINUMERIK</li> <li>SIMOTION</li> <li>Allen Bradley (EtherNet/IP)</li> <li>Allen Bradley (DF1)</li> <li>Mitsubishi (MC TCP/IP)</li> <li>Mitsubishi (FX)</li> <li>OMRON (FINS TCP)</li> <li>OMRON (LINK/Multilink)</li> <li>Modicon (Modbus TCP/IP)</li> </ul> </li> <li>Modicon (Modbus)</li> </ul>	
WinAC SINUMERIK SINOTION SIMOTION Allen Bradley (EtherNet/IP) No Allen Bradley (DF1) Allen Bradley (DF1) Mitsubishi (MC TCP/IP) Mitsubishi (MC TCP/IP) Mo OMRON (FINS TCP) OMRON (LINK/Multilink) Yes Modicon (Modbus TCP/IP) Mo Modicon (Modbus TCP/IP) Mo Service tools/configuration aids Backup/Restore manually Simulation Simulation Device switchover  Peripherals/Options Printer No SIMATIC HMI SD memory card: Multi Media Card SIMATIC HMI SD memory card: Secure Digital memory card Card USB memory  Yes  Mechanics/material Enclosure material (front) Plastic Aluminum Stainless steel  Width of the housing front  Pintens  Width of the housing front  Pintens  Ves  Ves  Ves  Ves  Ves  Ves  Ves	<ul> <li>WinAC</li> <li>SINUMERIK</li> <li>SIMOTION</li> <li>Allen Bradley (EtherNet/IP)</li> <li>Allen Bradley (DF1)</li> <li>Mitsubishi (MC TCP/IP)</li> <li>Mitsubishi (FX)</li> <li>OMRON (FINS TCP)</li> <li>OMRON (LINK/Multilink)</li> <li>Modicon (Modbus TCP/IP)</li> <li>Modicon (Modbus)</li> </ul>	
SINUMERIK SIMOTION Allen Bradley (EtherNet/IP) Allen Bradley (DF1) Allen Bradley (DF1) Mitsubishi (MC TCP/IP) Mitsubishi (MC TCP/IP) Mitsubishi (FX) OMRON (FINS TCP) OMRON (FINS TCP) Modicon (Modbus TCP/IP) Modicon (Modbus TCP/IP) Modicon (Modbus TCP/IP) Modicon (Modbus TCP/IP) Modicon (Modbus) Service tools/configuration aids Backup/Restore manually Backup/Restore automatically Simulation Simulation Yes Device switchover  Peripherals/Options  Printer No SIMATIC HMI MM memory card: Multi Media Card No SIMATIC HMI SD memory card: Secure Digital memory card USB memory Yes  Mechanics/material  Enclosure material (front) Plastic Aluminum Stainless steel No  Dimensions  Width of the housing front  214 mm	<ul> <li>SINUMERIK</li> <li>SIMOTION</li> <li>Allen Bradley (EtherNet/IP)</li> <li>Allen Bradley (DF1)</li> <li>Mitsubishi (MC TCP/IP)</li> <li>Mitsubishi (FX)</li> <li>OMRON (FINS TCP)</li> <li>OMRON (LINK/Multilink)</li> <li>Modicon (Modbus TCP/IP)</li> <li>Modicon (Modbus)</li> </ul>	
SIMOTION Allen Bradley (EtherNet/IP) Allen Bradley (EtherNet/IP) Allen Bradley (DF1) Allen Bradley (DF1) Mitsubishi (MC TCP/IP) Mitsubishi (MC TCP/IP) Mo Mitsubishi (FX) OMRON (FINS TCP) OMRON (LINK/Multilink) Yes Modicon (Modbus TCP/IP) Mo Modicon (Modbus TCP/IP) Modicon (Modbus) Yes  Service tools/configuration aids Backup/Restore manually Backup/Restore automatically Simulation Simulation Peripherals/Options  Printer No SIMATIC HMI MM memory card: Multi Media Card No SIMATIC HMI SD memory card: Secure Digital memory card USB memory Yes  Mechanics/material  Enclosure material (front) Plastic Aluminum Stalness steel No  Dimensions  Width of the housing front  214 mm	<ul> <li>SIMOTION</li> <li>Allen Bradley (EtherNet/IP)</li> <li>Allen Bradley (DF1)</li> <li>Mitsubishi (MC TCP/IP)</li> <li>Mitsubishi (FX)</li> <li>OMRON (FINS TCP)</li> <li>OMRON (LINK/Multilink)</li> <li>Modicon (Modbus TCP/IP)</li> <li>Modicon (Modbus)</li> </ul>	
Allen Bradley (EtherNet/IP) Allen Bradley (DF1) Allen Bradley (DF1) Allen Bradley (DF1) Mitsubishi (MC TCP/IP) Mitsubishi (FX) OMRON (FINS TCP) OMRON (LINK/Multilink) Yes Modicon (Modbus TCP/IP) Mo Modicon (Modbus TCP/IP) Mo Modicon (Modbus TCP/IP) No Modicon (Modbus) Yes  Service tools/configuration aids Backup/Restore anually Backup/Restore automatically Simulation Simulation Peripherals/Options  Printer No SIMATIC HMI MM memory card: Multi Media Card No SIMATIC HMI SD memory card: Secure Digital memory card USB memory  Wes Mechanics/material Enclosure material (front) Plastic Aluminum Stianless steel No Dimensions  Width of the housing front  214 mm	<ul> <li>Allen Bradley (EtherNet/IP)</li> <li>Allen Bradley (DF1)</li> <li>Mitsubishi (MC TCP/IP)</li> <li>Mitsubishi (FX)</li> <li>OMRON (FINS TCP)</li> <li>OMRON (LINK/Multilink)</li> <li>Modicon (Modbus TCP/IP)</li> <li>Modicon (Modbus)</li> </ul>	cess to NCK data
Allen Bradley (DF1) Mitsubishi (MC TCP/IP) Mitsubishi (MC TCP/IP) Mitsubishi (FX) OMRON (FINS TCP) OMRON (FINS TCP) OMRON (LINK/Multilink) Midicon (Modbus TCP/IP) Mo Modicon (Modbus TCP/IP) Mo Modicon (Modbus) Service tools/configuration aids Backup/Restore manually Backup/Restore automatically Simulation Simulation Yes Device switchover Yes  Peripherals/Options  Printer SIMATIC HMI MM memory card: Multi Media Card SIMATIC HMI SD memory card: Secure Digital memory card USB memory  Mechanics/material  Enclosure material (front) Plastic Aluminum Stianless steel No  Dimensions  Width of the housing front  Yes  214 mm	<ul> <li>Allen Bradley (DF1)</li> <li>Mitsubishi (MC TCP/IP)</li> <li>Mitsubishi (FX)</li> <li>OMRON (FINS TCP)</li> <li>OMRON (LINK/Multilink)</li> <li>Modicon (Modbus TCP/IP)</li> <li>Modicon (Modbus)</li> </ul>	
Mitsubishi (MC TCP/IP) Mitsubishi (FX) Mitsubishi (FX) OMRON (FINS TCP) OMRON (LINK/Multilink) Modicon (Modbus TCP/IP) Modicon (Modbus TCP/IP) Modicon (Modbus) Service tools/configuration aids Backup/Restore manually Backup/Restore automatically Simulation Simulation Device switchover  Peripherals/Options  Printer SIMATIC HMI MM memory card: Multi Media Card No SIMATIC HMI SD memory card: Secure Digital memory card USB memory Yes  Mechanics/material  Enclosure material (front) Plastic Aluminum Stianless steel No  Dimensions  Width of the housing front  Yes  Ves  Ves  Modicon SIMATIC HMI SD memory Card: Secure Digital memory card No SIMATIC HMI SD memory Card: Secure Digital memory card No SIMATIC HMI SD memory Card: Secure Digital memory card No SIMATIC HMI SD memory Card: Secure Digital memory card No SIMATIC HMI SD memory Card: Secure Digital memory No SIMATIC HMI SD memory Secure Digital memory No SIMATIC HMI SD memory Card: Secure Digital memory No SIMATIC HMI SD memory Secure Digital memory No SIMATIC HMI SD memory Card: Secure Digital memory No SIMATIC HMI SD memory Card: Secure Digital memory No SIMATIC HMI SD memory Card: Secure Digital memory No SIMATIC HMI SD memory Card: Secure Digital memory No SIMATIC HMI SD memory Card: Secure Digital memory No SIMATIC HMI SD memory Card: Multi Media Card No SIMATIC HMI SD memory Card: Multi Media Card No SIMATIC HMI SD memory Card: Multi Media Card No SIMATIC HMI SD memory Card: Multi Media Card No SIMATIC HMI SD memory Card: Multi Media Card No SIMATIC HMI SD memory Card: Multi Media Card No SIMATIC HMI SD memory Card: Multi Media Card No SIMATIC HMI SD memory Card: Multi Media Card No SIMATIC HMI SD memory Card: Multi Media Card No SIMATIC HMI SD memory Card: Multi Media Card No SIMATIC HMI SD memory Card: Multi Media Card No SIMATIC HMI SD memory Card: Multi Media Card No SIMATIC HMI SD memory Card: Multi Media Card No SIMATIC HMI SD memory Card: Multi Media Card No SIMATIC HMI SD memory Card: Multi Media Card No SIMATIC HMI SD memory Card: Multi Media Card N	<ul> <li>Mitsubishi (MC TCP/IP)</li> <li>Mitsubishi (FX)</li> <li>OMRON (FINS TCP)</li> <li>OMRON (LINK/Multilink)</li> <li>Modicon (Modbus TCP/IP)</li> <li>Modicon (Modbus)</li> </ul>	
Mitsubishi (MC TCP/IP) Mitsubishi (FX) Mitsubishi (FX) OMRON (FINS TCP) OMRON (LINK/Multilink) Modicon (Modbus TCP/IP) Modicon (Modbus TCP/IP) Modicon (Modbus) Service tools/configuration aids Backup/Restore manually Backup/Restore automatically Simulation Simulation Device switchover  Peripherals/Options  Printer SIMATIC HMI MM memory card: Multi Media Card No SIMATIC HMI SD memory card: Secure Digital memory card USB memory Yes  Mechanics/material  Enclosure material (front) Plastic Aluminum Stianless steel No  Dimensions  Width of the housing front  Yes  Ves  Ves  Modicon SIMATIC HMI SD memory Card: Secure Digital memory card No SIMATIC HMI SD memory Card: Secure Digital memory card No SIMATIC HMI SD memory Card: Secure Digital memory card No SIMATIC HMI SD memory Card: Secure Digital memory card No SIMATIC HMI SD memory Card: Secure Digital memory No SIMATIC HMI SD memory Secure Digital memory No SIMATIC HMI SD memory Card: Secure Digital memory No SIMATIC HMI SD memory Secure Digital memory No SIMATIC HMI SD memory Card: Secure Digital memory No SIMATIC HMI SD memory Card: Secure Digital memory No SIMATIC HMI SD memory Card: Secure Digital memory No SIMATIC HMI SD memory Card: Secure Digital memory No SIMATIC HMI SD memory Card: Secure Digital memory No SIMATIC HMI SD memory Card: Multi Media Card No SIMATIC HMI SD memory Card: Multi Media Card No SIMATIC HMI SD memory Card: Multi Media Card No SIMATIC HMI SD memory Card: Multi Media Card No SIMATIC HMI SD memory Card: Multi Media Card No SIMATIC HMI SD memory Card: Multi Media Card No SIMATIC HMI SD memory Card: Multi Media Card No SIMATIC HMI SD memory Card: Multi Media Card No SIMATIC HMI SD memory Card: Multi Media Card No SIMATIC HMI SD memory Card: Multi Media Card No SIMATIC HMI SD memory Card: Multi Media Card No SIMATIC HMI SD memory Card: Multi Media Card No SIMATIC HMI SD memory Card: Multi Media Card No SIMATIC HMI SD memory Card: Multi Media Card No SIMATIC HMI SD memory Card: Multi Media Card No SIMATIC HMI SD memory Card: Multi Media Card N	<ul> <li>Mitsubishi (MC TCP/IP)</li> <li>Mitsubishi (FX)</li> <li>OMRON (FINS TCP)</li> <li>OMRON (LINK/Multilink)</li> <li>Modicon (Modbus TCP/IP)</li> <li>Modicon (Modbus)</li> </ul>	
OMRON (FINS TCP) OMRON (LINK/Multilink) Yes Modicon (Modbus TCP/IP) No Modicon (Modbus) Yes  Service tools/configuration aids  Backup/Restore manually Simulation Dimensions  Printer No SIMATIC HMI SD memory card: Multi Media Card No SIMATIC HMI SD memory card: Secure Digital memory card No Stainless steel No  Dimensions  Width of the housing front  No Dimensions	<ul> <li>OMRON (FINS TCP)</li> <li>OMRON (LINK/Multilink)</li> <li>Modicon (Modbus TCP/IP)</li> <li>Modicon (Modbus)</li> </ul>	
OMRON (FINS TCP) OMRON (LINK/Multilink) Yes Modicon (Modbus TCP/IP) No Modicon (Modbus) Yes  Service tools/configuration aids  Backup/Restore manually Simulation Dimensions  Printer No SIMATIC HMI SD memory card: Multi Media Card No SIMATIC HMI SD memory card: Secure Digital memory card No Stainless steel No  Dimensions  Width of the housing front  No Dimensions	<ul> <li>OMRON (FINS TCP)</li> <li>OMRON (LINK/Multilink)</li> <li>Modicon (Modbus TCP/IP)</li> <li>Modicon (Modbus)</li> </ul>	
OMRON (LINK/Multilink)  Modicon (Modbus TCP/IP)  Modicon (Modbus)  Service tools/configuration aids  Backup/Restore manually Backup/Restore automatically Simulation Device switchover  Peripherals/Options  Printer No SIMATIC HMI MM memory card: Multi Media Card No SIMATIC HMI SD memory card: Secure Digital memory card USB memory  Mechanics/material  Enclosure material (front) Plastic Aluminum Stainless steel No  Dimensions  Width of the housing front  No  214 mm	<ul> <li>OMRON (LINK/Multilink)</li> <li>Modicon (Modbus TCP/IP)</li> <li>Modicon (Modbus)</li> </ul> Yes Yes	
Modicon (Modbus TCP/IP) Modicon (Modbus)  Service tools/configuration aids  Backup/Restore manually Backup/Restore automatically Simulation Simulation Peripherals/Options  Printer No SIMATIC HMI MM memory card: Multi Media Card No SIMATIC HMI SD memory card: Secure Digital memory card USB memory  Wechanics/material  Enclosure material (front) Plastic Aluminum Stainless steel No  Dimensions  Width of the housing front  No  Yes  No  Yes  No  No  Stainless steel No  Dimensions  Width of the housing front  Yes  No  Yes  No  Service tools/configuration Yes  No  No  Yes  No  Stainless steel No  Dimensions  Yes  Width of the housing front  214 mm	<ul><li>Modicon (Modbus TCP/IP)</li><li>Modicon (Modbus)</li><li>Yes</li></ul>	
Modicon (Modbus)  Service tools/configuration aids  Backup/Restore manually Backup/Restore automatically Simulation Simulation Peripherals/Options  Printer No SIMATIC HMI MM memory card: Multi Media Card No SIMATIC HMI SD memory card: Secure Digital memory card USB memory  Wes  Mechanics/material  Enclosure material (front) Plastic Aluminum Stainless steel No  Dimensions  Width of the housing front  Yes  Yes  Action Yes  Yes  No  214 mm	Modicon (Modbus)     Yes	
Service tools/configuration aids  Backup/Restore manually Backup/Restore automatically Simulation Simulation Peripherals/Options  Printer No SIMATIC HMI MM memory card: Multi Media Card No SIMATIC HMI SD memory card: Secure Digital memory card USB memory Ves  Mechanics/material  Enclosure material (front) Plastic Aluminum Stainless steel No  Dimensions  Width of the housing front  Yes  Yes  Yes  Aluminum Stainless front Aluminum Stainless fro		
Backup/Restore manually Backup/Restore automatically Simulation Simulation Device switchover Yes  Peripherals/Options  Printer No SIMATIC HMI MM memory card: Multi Media Card No SIMATIC HMI SD memory card: Secure Digital memory card USB memory Yes  Mechanics/material  Enclosure material (front) Plastic Aluminum Stainless steel No  Dimensions  Width of the housing front  No  No  Simulation Yes No  No  Yes  No  214 mm	Service tools/configuration aids	
Backup/Restore automatically Simulation Periode switchover  Peripherals/Options  Printer No SIMATIC HMI MM memory card: Multi Media Card No SIMATIC HMI SD memory card: Secure Digital memory card USB memory  Ves  Mechanics/material  Enclosure material (front) Plastic Aluminum No Stainless steel No  Dimensions  Width of the housing front  Yes  No  214 mm	-	
Simulation Device switchover Yes  Peripherals/Options  Printer No SIMATIC HMI MM memory card: Multi Media Card No SIMATIC HMI SD memory card: Secure Digital memory card USB memory Yes  Mechanics/material  Enclosure material (front) Plastic Aluminum Stainless steel No  Dimensions  Width of the housing front  Yes  Yes  214 mm		
Device switchover  Peripherals/Options  Printer No SIMATIC HMI MM memory card: Multi Media Card No SIMATIC HMI SD memory card: Secure Digital memory card USB memory Yes  Mechanics/material  Enclosure material (front) Plastic Aluminum Stainless steel No  Dimensions  Width of the housing front  No  214 mm		
Printer No SIMATIC HMI MM memory card: Multi Media Card No SIMATIC HMI SD memory card: Secure Digital memory card USB memory Yes  Mechanics/material  Enclosure material (front)  Plastic Yes Aluminum No Stainless steel No  Dimensions  Width of the housing front 214 mm		
Printer  SIMATIC HMI MM memory card: Multi Media Card  No  SIMATIC HMI SD memory card: Secure Digital memory card  USB memory  Yes  Mechanics/material  Enclosure material (front)  Plastic  Aluminum  Stainless steel  No  Dimensions  Width of the housing front  No  214 mm		
SIMATIC HMI MM memory card: Multi Media Card  SIMATIC HMI SD memory card: Secure Digital memory card  USB memory  Mechanics/material  Enclosure material (front)  Plastic Aluminum No Stainless steel No  Dimensions  Width of the housing front  No No 214 mm		
SIMATIC HMI SD memory card: Secure Digital memory card  USB memory  Yes  Mechanics/material  Enclosure material (front)  Plastic Aluminum No Stainless steel No  Dimensions  Width of the housing front  No 214 mm		
USB memory  Mechanics/material  Enclosure material (front)  Plastic Aluminum Aluminum Stainless steel No  Dimensions  Width of the housing front  Yes  No  214 mm		
USB memory  Mechanics/material  Enclosure material (front)  Plastic Aluminum No Stainless steel No  Dimensions  Width of the housing front  Yes  Yes  No  214 mm		
Mechanics/material  Enclosure material (front)  Plastic Aluminum No Stainless steel No  Dimensions  Width of the housing front  214 mm		
Enclosure material (front)  Plastic Aluminum No Stainless steel No  Dimensions Width of the housing front 214 mm	-	
<ul> <li>Plastic</li> <li>Aluminum</li> <li>Stainless steel</li> <li>No</li> </ul> Dimensions Width of the housing front 214 mm		
<ul> <li>Aluminum</li> <li>Stainless steel</li> <li>No</li> <li>Dimensions</li> <li>Width of the housing front</li> <li>214 mm</li> </ul>		
• Stainless steel No  Dimensions  Width of the housing front 214 mm		
Dimensions Width of the housing front 214 mm		
Width of the housing front 214 mm		
Height of housing front 158 mm		
	Height of housing front 158 mm	
Mounting cutout, width 197 mm		
Mounting cutout, height 141 mm	Mounting cutout, height 141 mm	

Overall depth	39 mm
Weights	
Weight (without packaging)	800 g
Weight (with packaging)	1 kg

last modified: 10/8/2021 🖸