6AG1123-2JB03-2AX0

## **Data sheet**

SIPLUS HMI KTP900 Basic Color PN based on 6AV2123-2JB03-0AX0 with conformal coating, -20...+50  $^{\circ}$ C, 9" TFT display, 65536 colors PROFINET interface



Figure similar

General information	
Product type designation	KTP900 Basic color PN
Display	
Design of display	TFT widescreen display, LED backlighting
Screen diagonal	9 in
Display width	198 mm
Display height	111.7 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
Type of output	10 May to
Acoustics	
Buzzer	Yes
Speaker	No
	INO
Time of day	
Clock	V
Hardware clock (real-time)	Yes
Software clock     Total title	Yes
• retentive	Yes
synchronizable	Yes
Interfaces	
Number of industrial Ethernet 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; 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	
Industrial Ethernet status LED	2
Protocols	
PROFINET	Yes
Supports protocol for PROFINET IO	No
IRT	No
PROFIBUS	No
EtherNet/IP	Yes
MPI	No
Protocols (Ethernet)	
• TCP/IP	Yes
• DHCP	Yes
• SNMP	Yes
• DCP	Yes
• LLDP	Yes
WEB characteristics	
• HTTP	No
• HTML	No
Further protocols	
• CAN	No
MODBUS	Yes; Modicon (MODBUS TCP/IP)
Interrupts/diagnostics/status information	
Diagnoses	
<ul> <li>Diagnostic information readable</li> </ul>	No
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	
IP (at the front)	IP65
(See the hority	••

IP (rear)	IP20
NEMA (front)	
Enclosure Type 4 at the front	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
For vertical installation, max.	50 °C
Operation (max. tilt angle)	
<ul> <li>At maximum tilt angle, min.</li> </ul>	-20 °C
<ul> <li>At maximum tilt angle, max.</li> </ul>	40 °C
Operation (vertical installation, portrait format)	
<ul> <li>For vertical installation, min.</li> </ul>	-20 °C
For vertical installation, max.	40 °C
Operation (max. tilt angle, portrait format)	
<ul><li>At maximum tilt angle, min.</li></ul>	-20 °C
— 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
Ambient air temperature-barometric pressure-	Tmin Tmax at 1 140 hPa 795 hPa (-1 000 m +2 000 m) // Tmin
altitude	(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	
With condensation, tested in accordance with IEC	100 %; RH incl. condensation/frost (no commissioning under
60068-2-38, max.	condensation conditions)
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</li> </ul>	
EN 60721-3-6	Yes; Class 6B2 mold and fungal spores (excluding fauna); Class 6B3 on request
EN 60721-3-6 — to chemically active substances according to EN 60721-3-6	
EN 60721-3-6  — to chemically active substances according to	request Yes; Class 6C3 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52
EN 60721-3-6  — to chemically active substances according to EN 60721-3-6  — to mechanically active substances according to	request Yes; Class 6C3 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree 3); *
EN 60721-3-6  — to chemically active substances according to EN 60721-3-6  — to mechanically active substances according to EN 60721-3-6	request Yes; Class 6C3 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree 3); *
EN 60721-3-6  — to chemically active substances according to EN 60721-3-6  — to mechanically active substances according to EN 60721-3-6  Usage in industrial process technology  — Against chemically active substances acc. to	request Yes; Class 6C3 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree 3); * Yes; Class 6S3 incl. sand, dust; *
EN 60721-3-6  — to chemically active substances according to EN 60721-3-6  — to mechanically active substances according to EN 60721-3-6  Usage in industrial process technology  — Against chemically active substances acc. to EN 60654-4  — Environmental conditions for process, measuring and control systems acc. to ANSI/ISA-	request Yes; Class 6C3 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree 3); * Yes; Class 6S3 incl. sand, dust; *  Yes; Class 3 (excluding trichlorethylene)  Yes; Level GX group A/B (excluding trichlorethylene; harmful gas concentrations up to the limits of EN 60721-3-3 class 3C4 permissible);
EN 60721-3-6  — to chemically active substances according to EN 60721-3-6  — to mechanically active substances according to EN 60721-3-6  Usage in industrial process technology  — Against chemically active substances acc. to EN 60654-4  — Environmental conditions for process, measuring and control systems acc. to ANSI/ISA-71.04	request Yes; Class 6C3 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree 3); * Yes; Class 6S3 incl. sand, dust; *  Yes; Class 3 (excluding trichlorethylene)  Yes; Level GX group A/B (excluding trichlorethylene; harmful gas concentrations up to the limits of EN 60721-3-3 class 3C4 permissible);
EN 60721-3-6  — to chemically active substances according to EN 60721-3-6  — to mechanically active substances according to EN 60721-3-6  Usage in industrial process technology  — Against chemically active substances acc. to EN 60654-4  — Environmental conditions for process, measuring and control systems acc. to ANSI/ISA-71.04  Remark  — Note regarding classification of environmental conditions acc. to EN 60721, EN 60654-4 and	request Yes; Class 6C3 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree 3); * Yes; Class 6S3 incl. sand, dust; *  Yes; Class 3 (excluding trichlorethylene)  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)  * The supplied plug covers must remain in place over the unused
EN 60721-3-6  — to chemically active substances according to EN 60721-3-6  — to mechanically active substances according to EN 60721-3-6  Usage in industrial process technology  — Against chemically active substances acc. to EN 60654-4  — Environmental conditions for process, measuring and control systems acc. to ANSI/ISA-71.04  Remark  — Note regarding classification of environmental conditions acc. to EN 60721, EN 60654-4 and ANSI/ISA-71.04	request Yes; Class 6C3 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree 3); * Yes; Class 6S3 incl. sand, dust; *  Yes; Class 3 (excluding trichlorethylene)  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)  * The supplied plug covers must remain in place over the unused
EN 60721-3-6  — to chemically active substances according to EN 60721-3-6  — to mechanically active substances according to EN 60721-3-6  Usage in industrial process technology  — Against chemically active substances acc. to EN 60654-4  — Environmental conditions for process, measuring and control systems acc. to ANSI/ISA-71.04  Remark  — Note regarding classification of environmental conditions acc. to EN 60721, EN 60654-4 and ANSI/ISA-71.04  Conformal coating  • Coatings for printed circuit board assemblies acc. to	request Yes; Class 6C3 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree 3); * Yes; Class 6S3 incl. sand, dust; *  Yes; Class 3 (excluding trichlorethylene)  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)  * The supplied plug covers must remain in place over the unused interfaces during operation!

Λ	m	_	-	$\sim$	-	-	-	7
$\boldsymbol{H}$								

 Qualification and Performance of Electrical Insulating Compound for Printed Board Assemblies according to IPC-CC-830A

Yes; Conformal coating, Class A

according to IPC-CC-830A	
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)
<ul> <li>WinCC flexible Compact</li> </ul>	No
<ul> <li>WinCC flexible Standard</li> </ul>	No
<ul> <li>WinCC flexible Advanced</li> </ul>	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
<ul> <li>WinCC Professional (TIA Portal)</li> </ul>	Yes
Languages	
Online languages	
Number of online/runtime languages	10
Project languages	
<ul> <li>Languages per project</li> </ul>	32
Functionality under WinCC (TIA Portal)	
Libraries	Yes
Number of Visual Basic Scripts	No
Task planner	Yes
<ul> <li>time-controlled</li> </ul>	No
task-controlled	Yes
Help system	Yes
Number of characters per info text	500
Message system	
<ul> <li>Number of alarm classes</li> </ul>	32
Bit messages	
<ul> <li>Number of bit messages</li> </ul>	1 000
<ul> <li>Analog messages</li> </ul>	
<ul> <li>Number of analog messages</li> </ul>	25
S7 alarm number procedure	No
System messages HMI	Yes
System event, more (SIMATIC S7, SINUMERIK, SIMOTION,)	Yes; System message buffer of the SIMATIC S7-1200 and S7-1500
Number of characters per message	80
<ul> <li>Number of process values per message</li> </ul>	8
Acknowledgment groups	Yes
Message indicator	Yes
Message buffer	Yes
— Number of entries	256
Circulating buffer	Yes
— retentive	Yes
— maintenance-free	Yes
Recipe management	50
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	
Number of variables per device	800
Number of variables per screen	100
Limit values	Yes
Multiplexing	Yes
Structures	No
Arrays	Yes
Images	165
Number of configurable images	250
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	100
• Text fields	Yes
• I/O fields	Yes
Graphic I/O fields (graphics list)	Yes
Symbolic I/O fields (text list)	Yes
Date/time fields	Yes
Switches	Yes
Buttons	Yes
Graphic display	Yes
• Icons	Yes
Geometric objects	Yes
Complex image objects	100
Number of complex objects per screen	10
Alarm view	Yes
Trend view	Yes
• User view	Yes
Status/control	No
Sm@rtClient view	No
Recipe view	Yes
• f(x) trend view	No
System diagnostics view	Yes; System message buffer of the SIMATIC S7-1200 and S7-1500
Media Player	No
Bar graphs	Yes
Sliders	No
Pointer instruments	No
Analog/digital clock	No
Lists	
Number of text lists per project	150
Number of text lists per project     Number of entries per text list	100
Number of graphics lists per project	100
Number of graphics list per graphics list	100
Archiving Archiving	
Number of archives per device	2
Number of entries per archive	10 000
Message archive	Yes
Process value archive	Yes
Archiving methods	
Sequential archive	Yes
— Short-term archive	Yes
Memory location	
Memory location     Memory card	No
— Wemory  — USB memory	Yes
— USB memory — Ethernet	
	No
Data storage format	

— CSV No — TXT Yes No — RDB No  Security	001/	
— RDB No Secoutity		
Security		
Number of user groups   50     Number of users rights   32     Number of users rights   32     Number of users   50     Password export/import   Yes; Possible via ProSave     SINATIC Hold   No     Ostroaccer sets     Ly English   Yes     Terrisher (upload/download)     MirUPROFIBUS DP   No     USB   No     Librarisher (upload/download)     Elbernet   Yes     Using external storage medium   No     Process coupling     S7-1200   Yes     S7-1200   Yes     S7-1200   Yes     S7-200   Yes     S7-200   Yes     S7-200   Yes     S7-200   Yes     S7-300400   Yes     S7-300400   Yes     SINIANCHIK   No     SINIANCHIK   No     SINIANCHIK   No     SINIANCHIK   No     SINIANCHIK   No     SINIANCHIK   No     Allen Bradley (EtherNet/IP)   Yes     Allen Bradley (EtherNet/IP)   Yes     Allen Bradley (DF1)   No     Misubshi (KT CPIP)   Yes     Midusubshi (KT CPIP)   Yes		NO
Number of users (19hs)	•	50
Password export/import		
■ SIMATIC Logon Character sels  ■ Keptopard fonts — US English — US English  Fransfer (µlogoddrownload)  ■ MPUPRCPIBUS DP ■ No ■ USB ■ No ■ Elbernet ■ vising external storage medium ■ No  Process coupling ■ 57-1200 ■ Yes ■ 57-1200 ■ Yes ■ 57-1200 ■ Yes ■ 57-200 ■ Yes ■ 57-200 ■ Yes ■ ST-300400 ■ Yes ■ ST-300400 ■ Yes ■ SINUMERIK ■ No ■ LOGO! ■ WinAC ■ SINUMERIK ■ No ■ SINUMERIK ■ No ■ SINUMERIK ■ No ■ Allen Bradley (EtherNet/IP) ■ Allen Bradley (EtherNet/IP) ■ Allen Bradley (EtherNet/IP) ■ Allen Bradley (EtherNet/IP) ■ Allen Bradley (Fix) ■ No ■ Misubiani (MC TCP/IP) ■ Misubiani (MC TCP/IP) ■ Misubiani (MC TCP/IP) ■ Misubiani (MC TCP/IP) ■ Modicion (Modibus TCP/IP) ■ Modicion (Modibus TCP/IP) ■ Modicion (Modibus TCP/IP) ■ Allen Bradley (Modibus TCP/IP) ■ Modicion (Modibus TCP/IP) ■ Simulation ■ Backup/Restore automatically ■ Backup/Restore automatically ■ Simulation ■ Searcice bools/configuration aids ■ Backup/Restore automatically ■ Simulation ■ Simulation ■ Yes ■ Device switchover ■ Peripheral's Options ■ Printer ■ No ■ SIMATIC HIM M memory card: Multi Media Card ■ No ■ SIMATIC HIM Sim memory card: Secure Digital memory card  USB memory ■ Yes ■ Device switchover ■ Peripheral's Options ■ Printer ■ No ■ Simulation ■ No ■ Simu		
Character sets		
Transfer (upload/download)		Yes
■ MPUPROFIBUS DP     ■ USB     ■ USB     ■ No     ■ Ethernet     ■ using external storage medium     No     ■ S7-1200     ■ S7-1200     ■ S7-1200     ■ S7-200     ■ S7-200     ■ S7-300400     ■ SIMMERIK     No     ■ SIMMERIK     No     ■ SIMMERIK     No     ■ Allen Bradley (DF1)     ■ Allen Bradley (DF1		
Ethernet		No
Process coupling	• USB	No
Process coupling   S7-1200	• Ethernet	Yes
	using external storage medium	No
	Process coupling	
• \$7-200 • \$7-300/400 • \$7-300	• S7-1200	
• S7-300/400 • LOGOI • VinAC • VinAC • SINUMERIK • SIMOTION • Allen Bradley (EtherNet/IP) • Allen Bradley (EtherNet/IP) • 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 No  Service tools/configuration aids • Backup/Restore automatically • Backup/Restore automatically • Simulation • Device switchover • Perpherals/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 • Autuninum • No • Stainless steel  No  Dimensions  Width of the housing front Height of housing front Height of housing front Mounting cutout, width Mounting cutout, Height Overall depth  Weight (without packaging) 1 1393 g  Weight (without packaging) 1 1393 g		Yes
■ SINUMERIK     ■ Allen Bradley (EtherNet/IP)     ■ Allen Bradley (DF1)     ■ Allen Bradley (DF1)     ■ Mitsubishi (MC TCP/IP)     ■ Mitsubishi (FX)     ■ OMRON (FINS TCP)     ■ Modicon (Modbus TCP/IP)     ■ Sextup/Restore manually     ■ Backup/Restore manually     ■ Backup/Restore automatically     ■ Backup/Restore automatically     ■ Simulation     ■ Device switchover     ■ Peripherals/Options Printer     ■ Printer     SIMATIC HMI MM memory card: Multi Media Card     SIMATIC HMI MM memory card: Secure Digital memory card     USB memory     Wes  Mechanics/material  Enclosure material (front)     ■ Plastic     ■ Aluminum     No     Stainless steel     No  Dimensions  Width of the housing front     Height of housing front     Mounting cutout, width     Weight (without packaging)     T 1939 g  Weight (without packaging)     1 1939 g  Weight (without packaging)     1 1939 g		
Allen Bradley (EtherNet/IP) Allen Bradley (DF1) Mitsubishi (MC TCP/IP) Mitsubishi (FX) Mo Mitsubishi (FX) Mo ModN (FINS TCP) Modicon (Modbus TCP/IP) Modicon (Modbus TCP/IP) Modicon (Modbus) Mo Service tools/configuration alds Backup/Restore automatically Mo Simulation Peripherals/Options  Printer  No SIMATIC HMI MM memory card: Multi Media Card MoSIMATIC HMI SD memory card: Secure Digital memory card Mochanics/material  Enclosure material (front) Plastic Aluminum Stainless steel Mo Mounting cutout, width Mounting cutout, height Mouting cutout, height Movelights Weight (without packaging) 1 130 g Weight (without packaging) Mo Molan (Missubshi) Mo Molan (Missubshi) Mo Molan (Missubshi) Mo Mosh (Missubshi) Mo Mounting cutout, width Mounting cutout, height Movelights Weight (without packaging) Molan (Missubshi) Mo Molan (Missubshi) Mo Molan (Missubshi) Mo Molan (Missubshi) Mo Molan (Missubshi) Molan (M		
Allen Bradley (DF1)  Allen Bradley (DF1)  Mitsubishi (MC TCP/IP)  Mitsubishi (FX)  OMRON (FINS TCP)  OMRON (LINK/Multilink)  Modicon (Modbus TCP/IP)  Modicon (Modbus TCP/IP)  Backup/Restore manually  Backup/Restore automatically  Simulation  Printer  No  SIMATIC HMI MM memory card: Multi Media Card  No  SIMATIC HMI SD memory card: Secure Digital memory card  LSB memory  Mechanics/material  Enclosure material (front)  Plastic  Aluminum  Stainless steel  No  Dimensions  Width of the housing front  Mounting cutout, width  Mounting cutout, height  Mought (without packaging)  Mely (without packaging)  1 130 g  Weight (without packaging)  1 130 g  Weight (without packaging)  Ino  No  No  No  No  No  No  Dimensions  Weight (without packaging)  1 130 g		
Mitsubishi (MC TCP/IP)  Mitsubishi (FX)  Mo  OMRON (FINS TCP)  OMRON (LINK/Multilink)  Mo  Modicon (Modbus TCP/IP)  Modicon (Modbus TCP/IP)  Modicon (Modbus)  Mo  Backup/Restore manually  Backup/Restore manually  Simulation  Device switchover  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  Stainless steel  No  Dimensions  Width of the housing front  Height of housing front  Mounting cutout, width  Mounting cutout, width  Mounting cutout, width  Mounting cutout, width  Mounting cutout, height  Overall depth  Weight (without packaging)  1 130 g  Weight (without packaging)		
Mitsubishi (FX) OMRON (FINS TCP) OMRON (LINK/Multilink) Modicon (Modbus TCP/IP) Modicon (Modbus) No Service tools/configuration aids Backup/Restore manually Backup/Restore automatically Simulation Simulation Printer Printer No SIMATIC HMI MM memory card: Multi Media Card No SIMATIC HMI SD memory card: Secure Digital memory card Card USB memory Pelastic Plastic Plastic Stainless steel No Dimonsions Width of the housing front Mounting cutout, width Mounting cutout, width Mounting cutout, height Overalt (without packaging) Weight (without packaging) Pels Wess Weight (without packaging) 1 130 g		
OMRON (FINS TCP) OMRON (LINK/Multilink) Modicon (Modbus TCP/IP) Modicon (Modbus TCP/IP) Modicon (Modbus) No  Service tools/configuration aids Backup/Restore manually Backup/Restore automatically Simulation Periode Device switchover Poripherals/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 Height of housing front Mounting cutout, width Mounting cutout, height Weight (without packaging) 1 130 g Weight (without packaging)  No  Service tooklockus Pes  Yes Porphovats Possible via ProSave No No No  Sibaria Save No No Sibaria Save No		
OMRON (LINK/Multilink) Modicon (Modbus TCP/IP) Modicon (Modbus) Mo  Service tools/configuration aids Backup/Restore manually Backup/Restore automatically Simulation Device switchover Poripherals/Options  Printer No SIMATIC HMI MM memory card: Multi Media Card SIMATIC HMI SD memory card: Secure Digital memory card USB memory Weshanics/material Enclosure material (front) Plastic Aluminum Stainless steel No  Dimensions  Width of the housing front Height of housing front Mounting cutout, width Mounting cutout, width Mounting cutout, height Weight (without packaging) Weight (without packaging) 1 393 g  Weight (without packaging) No  Service Vess Possible via ProSave No No No No Simulation No Simulation No		
Modicon (Modbus TCP/IP) Modicon (Modbus) No  Service tools/configuration aids Backup/Restore manually Backup/Restore automatically Simulation Peripherals/Options Printer No SIMATIC HMI MM memory card: Multi Media Card No SIMATIC HMI SD memory card: Secure Digital memory card Cusb memory Personate Iteration USB memory Ves  Mochanics/material Enclosure material (front) Plastic Aluminum Stainless steel No  Dimensions  Width of the housing front Height of housing front Height of housing front Mounting cutout, width Mounting cutout, height Overall depth Secure Digital memory 1130 g Weight (without packaging) 1 130 g Weight (with packaging) 1 130 g	, ,	
Modicon (Modbus)  Service tools/configuration aids  Backup/Restore manually Backup/Restore automatically Simulation Simulation Printer Printer No SIMATIC HMI MM memory card: Multi Media Card No SIMATIC HMI SD memory card: Secure Digital memory card USB memory Weshanics/material Enclosure material (front) Plastic Aluminum No Stainless steel No Dimensions Width of the housing front Height of housing front Height of housing front Height of housing front Mounting cutout, width Mounting cutout, height Overall depth Weight (without packaging) Weight (without packaging) Ves Plastic No Weight (without packaging)  1 393 g  No Weight (without packaging)  1 393 g		
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  Wes  Mechanics/material  Enclosure material (front) Plastic Aluminum Stainless steel No  Dimensions  Width of the housing front Height of housing front Height of housing front Mounting cutout, width Overall depth Weight (without packaging) Weight (without packaging) Weight (without packaging) Ves		
Backup/Restore manually Backup/Restore automatically 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 Ves  Mechanics/material  Enclosure material (front) Plastic Aluminum Stainless steel No  Dimensions  Width of the housing front Height of housing front Height of housing front Mounting cutout, width Mounting cutout, height Overall depth Weights Weight (without packaging) 1 130 g	, ,	INU
Backup/Restore automatically Simulation Simulation Yes 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 Height of housing front Height of housing front Mounting cutout, width Mounting cutout, width So mm Overall depth Weights Weight (without packaging) 1 393 g  Weight (without packaging) 1 393 g  Volumesions  Volumesions  Weight (without packaging) 1 393 g	-	Yes: Possible via ProSave
● 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 No Stainless steel No  Dimensions  Width of the housing front Height of housing front Mounting cutout, width Nouring cutout, width Sometimes of the mount		
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 Ves  Mechanics/material  Enclosure material (front) Plastic Aluminum No Stainless steel No  Dimensions  Width of the housing front Height of housing front Height of housing front Mounting cutout, width Mounting cutout, height Overall depth  Weights  Weight (without packaging) 1 130 g Weight (with packaging) 1 139 g  Weight (with packaging) 1 139 g	•	
Printer No SIMATIC HMI MM memory card: Multi Media Card No SIMATIC HMI SD memory card: Secure Digital memory card USB memory card Secure Digital memory No card Ves Mechanics/material Enclosure material (front)  • Plastic Yes • Aluminum • Stainless steel No  Dimensions  Width of the housing front 182 mm Mounting cutout, width 251 mm Mounting cutout, width 251 mm Mounting cutout, height 166 mm Overall depth 555 mm  Weights  Weight (without packaging) 1 130 g Weight (with packaging) 1 393 g		
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 Height of housing front Height of housing cutout, width Mounting cutout, width Mounting cutout, height Overall depth  S5 mm  Weights  Weight (without packaging)  1 393 g  No  No  1 130 g  Weight (with packaging)  1 393 g		
SIMATIC HMI MM memory card: Multi Media Card  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 Height of housing front Height of housing front Mounting cutout, width Mounting cutout, height Overall depth  Weights  Weights  Weight (without packaging) 1 393 g  No  No  100  No  100  100  100  100  1		No
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 Height of housing front Height of housing front Mounting cutout, width Mounting cutout, height Overall depth  S5 mm  Weights  Weight (without packaging)  1 393 g  Yes  Yes  Yes  Yes  Yes  Yes  Yes  Ye		
USB memory  Mechanics/material  Enclosure material (front)  Plastic Aluminum Stainless steel No  Dimensions  Width of the housing front Height of housing front Height of ut, width Mounting cutout, width Mounting cutout, height Overall depth  Weights  Weight (without packaging)  Weight (with packaging)  1 393 g	· · · · · · · · · · · · · · · · · · ·	
Enclosure material (front)  Plastic Aluminum Stainless steel No  Dimensions  Width of the housing front Height of housing front Hounting cutout, width Mounting cutout, height Overall depth  Weights  Weight (without packaging)  Pyes Yes No Yes No  100  100  100  100  100  100  100		
Enclosure material (front)  Plastic Aluminum Stainless steel No  Stainless steel No  Dimensions  Width of the housing front Height of housing front Height of housing front Mounting cutout, width 251 mm Mounting cutout, height Overall depth 55 mm  Weights  Weight (without packaging) 1 130 g Weight (with packaging) 1 393 g	USB memory	Yes
<ul> <li>Plastic</li> <li>Aluminum</li> <li>Stainless steel</li> <li>No</li> </ul> Dimensions Width of the housing front <ul> <li>Height of housing front</li> <li>Mounting cutout, width</li> <li>251 mm</li> <li>Mounting cutout, height</li> <li>166 mm</li> <li>Overall depth</li> <li>55 mm</li> </ul> Weights Weight (without packaging) <ul> <li>1 30 g</li> <li>Weight (with packaging)</li> <li>1 393 g</li> </ul>	Mechanics/material	
<ul> <li>Aluminum</li> <li>Stainless steel</li> <li>No</li> </ul> Dimensions Width of the housing front <ul> <li>Height of housing front</li> <li>Mounting cutout, width</li> <li>251 mm</li> <li>Mounting cutout, height</li> <li>166 mm</li> <li>Overall depth</li> <li>55 mm</li> </ul> Weights Weight (without packaging) <ul> <li>1 130 g</li> <li>Weight (with packaging)</li> <li>1 393 g</li> </ul>	Enclosure material (front)	
● Stainless steel No  Dimensions  Width of the housing front 267 mm Height of housing front 182 mm Mounting cutout, width 251 mm Mounting cutout, height 166 mm Overall depth 55 mm  Weights  Weight (without packaging) 1 130 g Weight (with packaging) 1 393 g	Plastic	Yes
DimensionsWidth of the housing front267 mmHeight of housing front182 mmMounting cutout, width251 mmMounting cutout, height166 mmOverall depth55 mmWeightsWeight (without packaging)1 130 gWeight (with packaging)1 393 g	Aluminum	No
Width of the housing front  Height of housing front  Mounting cutout, width  Mounting cutout, height  Overall depth  Weights  Weight (without packaging)  Weight (with packaging)  1267 mm  182 mm  166 mm  166 mm  170 mm  182 mm  182 mm  182 mm  183 mm  184 mm  185 mm  186 mm  186 mm  186 mm  186 mm  186 mm  187 mm  188 mm  18	Stainless steel	No
Height of housing front  Mounting cutout, width  251 mm  Mounting cutout, height  Overall depth  55 mm  Weights  Weight (without packaging)  Weight (with packaging)  1 393 g	Dimensions	
Height of housing front  Mounting cutout, width  Mounting cutout, height  Overall depth  Weights  Weight (without packaging)  Weight (with packaging)  182 mm  166 mm  55 mm  170 mm  182 mm  183 mm  184 mm  185 mm  186 mm  187 mm  188 mm	Width of the housing front	267 mm
Mounting cutout, width 251 mm  Mounting cutout, height 166 mm  Overall depth 55 mm  Weights  Weight (without packaging) 1 130 g  Weight (with packaging) 1 393 g	-	182 mm
Overall depth 55 mm  Weights  Weight (without packaging) 1 130 g  Weight (with packaging) 1 393 g		251 mm
WeightsWeight (without packaging)1 130 gWeight (with packaging)1 393 g	Mounting cutout, height	166 mm
Weight (without packaging)1 130 gWeight (with packaging)1 393 g	Overall depth	55 mm
Weight (with packaging) 1 393 g	Weights	
Weight (with packaging) 1 393 g	Weight (without packaging)	1 130 g
last modified: 10/8/2021 🖸	Weight (with packaging)	1 393 g
	last modified:	10/8/2021 🗗