## SIEMENS

## Data sheet

## 6AG1128-3GB06-4AX1



SIPLUS HMI MTP700 Unified Comfort, with conformal coating based on 6AV2128-3GB06-0AX1

Figure similar

General information	
Product type designation	MTP700 Unified Comfort
Display	
Design of display	TFT
Screen diagonal	7 in
Display width	152.4 mm
Display height	91.4 mm
Number of colors	16 777 216
Resolution (pixels)	
<ul> <li>Horizontal image resolution</li> </ul>	800 pixel
<ul> <li>Vertical image resolution</li> </ul>	480 pixel
Backlighting	
<ul> <li>MTBF backlighting (at 25 °C)</li> </ul>	50 000 h; At 25°C
Backlight dimmable	Yes; 5-100 %
Control elements	
Keyboard fonts	
Numeric keyboard	Yes; Onscreen keyboard
<ul> <li>alphanumeric keyboard</li> </ul>	Yes; Onscreen keyboard
Touch operation	
<ul> <li>Design as touch screen</li> </ul>	Yes
<ul> <li>Design as multi-touch screen</li> </ul>	Yes
Installation type/mounting	
Mounting position	vertical
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)	0.45 A
Current consumption, max.	1 A
Starting current inrush I <sup>2</sup> t	0.5 A <sup>2</sup> ·s
Memory	
Flash	Yes
RAM	Yes

Type of output	
Acoustics	
• 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	2; 2 ports (switch) + independent port
Number of RS 485 interfaces	1; RS 422 / 485 combined
Number of RS 422 interfaces	0; together with RS 485
Number of USB interfaces	4; USB 3.1 Gen. 1 (type A)
Number of SD card slots	2
Industrial Ethernet	
<ul> <li>Industrial Ethernet status LED</li> </ul>	2
<ul> <li>Number of ports of the integrated switch</li> </ul>	2
Protocols	
PROFINET	Yes
Supports protocol for PROFINET IO	No
Protocols (Ethernet)	
• TCP/IP	Yes
• DHCP	Yes
• SNMP	Yes
• DCP	Yes
• LLDP	Yes
Redundancy mode	
Media redundancy	
— MRP	Yes
EMC	
Emission of radio interference acc. to EN 55 011	
Limit class A, for use in industrial areas	Yes
Limit class B, for use in residential areas	No
Degree and class of protection	
IP (at the front)	IP65
IP (rear)	IP20
NEMA (front)	
• Enclosure Type 4x at the front	Yes
Enclosure Type 12 at the front	No
Ambient conditions	Va
Suited for indoor use	Yes
Suited for outdoor use	No
Ambient temperature during operation	
Operation (vertical installation)	$0^{\circ}$ C: – Tmin
— For vertical installation, min.	0 °C; = Tmin
— For vertical installation, max.	50 °C; = Tmax
Operation (max. tilt angle) — At maximum tilt angle, min.	0 °C; = Tmin
— At maximum uit angle, min. — At maximum tilt angle, max.	40 °C; = Tmax
Operation (vertical installation, portrait format)	το O, - ΠΠαλ
— For vertical installation, min.	0 °C; = Tmin
— For vertical installation, max.	40 °C; = Tmax
Operation (max. tilt angle, portrait format)	το O, - Πίαλ
	$0^{\circ}C = Tmin$
— At maximum tilt angle, min.	0 °C; = Tmin 35 °C: = Tmax
<ul><li>At maximum tilt angle, min.</li><li>At maximum tilt angle, max.</li></ul>	0 °C; = Tmin 35 °C; = Tmax
<ul> <li>At maximum tilt angle, min.</li> <li>At maximum tilt angle, max.</li> <li>Ambient temperature during storage/transportation</li> </ul>	35 °C; = Tmax
<ul><li>At maximum tilt angle, min.</li><li>At maximum tilt angle, max.</li></ul>	

Altitude during operation relating to sea level	
Installation altitude above sea level, max.	5 000 m
Ambient air temperature-barometric pressure-altitude	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	
With condensation, tested in accordance with IEC 60068- 2-38, max.	100 %; RH incl. condensation/frost (no commissioning when condensation present), horizontal at 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); *
<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, fungal and dry rot spores (excluding fauna)
<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); *
<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 ANSI/ISA-71.04</li> </ul>	* The supplied plug covers must remain in place over the unused interfaces during operation!
Conformal coating	
<ul> <li>Coatings for printed circuit board assemblies acc. to EN 61086</li> </ul>	Yes; Class 2 for high reliability
<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
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	
WinCC Unified Comfort Engineering (TIA Portal)	Yes
WinCC Unified PC Engineering (TIA Portal)	Yes
Languages	
Online languages	22
Number of online/runtime languages  Project languages	32
Project languages	32
Languages per project Functionality under WinCC Unified	
Libraries	Yes
Applications/options	
• Writer	Yes
• Calc	Yes
Web browser	Yes

	N
PDF Viewer	Yes
Media Player	Yes
SIMATIC WinCC Sm@rtServer	Yes
SIMATIC WinCC Audit	No
Unified Collaboration	Yes
Number of Visual Basic Scripts	No
JavaScript	Yes
Task planner	
time-controlled	Yes
task-controlled	Yes
Help system	
<ul> <li>Number of characters per info text</li> </ul>	70
<ul> <li>Number of message texts per message</li> </ul>	10
functionality under WinCC Unified / alarm system / header	
<ul> <li>Number of alarm classes</li> </ul>	32
<ul> <li>Bit messages</li> </ul>	
<ul> <li>— Number of bit messages</li> </ul>	9 000
<ul> <li>Analog messages</li> </ul>	
<ul> <li>Number of analog messages</li> </ul>	300
S7 alarm number procedure	Yes
System messages HMI	Yes
<ul> <li>System messages, other (SIMATIC S7, Sinumerik, Simotion, etc.)</li> </ul>	Yes
Number of characters per message	512
Number of process values per message	10
<ul> <li>Acknowledgment groups</li> </ul>	Yes
Message indicator	No
Message buffer	Yes; Configured as alarm archive
— Circulating buffer	Yes
- retentive	Yes
— maintenance-free	Yes
Parameter set management (recipes)	
<ul> <li>Number of parameter set types</li> </ul>	750
<ul> <li>Parameter sets per parameter set type</li> </ul>	2 000
<ul> <li>Entries per parameter set</li> </ul>	1 000
<ul> <li>Size of internal parameter set memory</li> </ul>	12 Mbyte
<ul> <li>Parameter set memory expandable</li> </ul>	Yes
functionality under WinCC Unified / variables / header	
Number of variables per device	8 000
Number of variables per screen	600
• Limit values	Yes
Structures	Yes
Arrays	Yes
functionality under WinCC Unified / screens / header	
Number of configurable images	1 200
Faceplate	Yes
Image objects	
Number of objects per image	800
<ul> <li>Picture window</li> </ul>	Yes
<ul><li>Picture window</li><li>Text fields</li></ul>	Yes Yes
<ul><li>Text fields</li><li>I/O fields</li></ul>	Yes
<ul> <li>Text fields</li> <li>I/O fields</li> <li>Graphic I/O fields (graphics list)</li> </ul>	Yes Yes
<ul> <li>Text fields</li> <li>I/O fields</li> <li>Graphic I/O fields (graphics list)</li> <li>Symbolic I/O fields (text list)</li> </ul>	Yes Yes Yes
<ul> <li>Text fields</li> <li>I/O fields</li> <li>Graphic I/O fields (graphics list)</li> <li>Symbolic I/O fields (text list)</li> <li>Scalable Vector Graphics (SVG)</li> </ul>	Yes Yes Yes Yes
<ul> <li>Text fields</li> <li>I/O fields</li> <li>Graphic I/O fields (graphics list)</li> <li>Symbolic I/O fields (text list)</li> <li>Scalable Vector Graphics (SVG)</li> <li>Date/time fields</li> </ul>	Yes Yes Yes Yes Yes
<ul> <li>Text fields</li> <li>I/O fields</li> <li>Graphic I/O fields (graphics list)</li> <li>Symbolic I/O fields (text list)</li> <li>Scalable Vector Graphics (SVG)</li> <li>Date/time fields</li> <li>Checkbox</li> </ul>	Yes Yes Yes Yes Yes Yes
<ul> <li>Text fields</li> <li>I/O fields</li> <li>Graphic I/O fields (graphics list)</li> <li>Symbolic I/O fields (text list)</li> <li>Scalable Vector Graphics (SVG)</li> <li>Date/time fields</li> <li>Checkbox</li> <li>Option button</li> </ul>	Yes Yes Yes Yes Yes Yes
<ul> <li>Text fields</li> <li>I/O fields</li> <li>Graphic I/O fields (graphics list)</li> <li>Symbolic I/O fields (text list)</li> <li>Scalable Vector Graphics (SVG)</li> <li>Date/time fields</li> <li>Checkbox</li> <li>Option button</li> <li>Switches</li> </ul>	Yes Yes Yes Yes Yes Yes Yes
<ul> <li>Text fields</li> <li>I/O fields</li> <li>Graphic I/O fields (graphics list)</li> <li>Symbolic I/O fields (text list)</li> <li>Scalable Vector Graphics (SVG)</li> <li>Date/time fields</li> <li>Checkbox</li> <li>Option button</li> <li>Switches</li> <li>Buttons</li> </ul>	Yes Yes Yes Yes Yes Yes Yes
<ul> <li>Text fields</li> <li>I/O fields</li> <li>Graphic I/O fields (graphics list)</li> <li>Symbolic I/O fields (text list)</li> <li>Scalable Vector Graphics (SVG)</li> <li>Date/time fields</li> <li>Checkbox</li> <li>Option button</li> <li>Switches</li> </ul>	Yes Yes Yes Yes Yes Yes Yes

- Queters web display	Noo.
Custom web display	Yes
Geometric objects     functionality under WinCC Unified / complex series objects / board	
functionality under WinCC Unified / complex screen objects / heade     • Number of complex objects per screen	40
Alarm view	Yes
Trend view	Yes
User view	Yes
Status/control	No
Parameter set display	Yes
HTML browser	Yes
Bar graphs	Yes
• Sliders	Yes
Pointer instruments	Yes
Analog/digital clock	Yes
functionality under WinCC Unified / lists / header	
<ul> <li>Number of text lists per project</li> </ul>	750
<ul> <li>Number of entries per text list</li> </ul>	750
<ul> <li>Number of graphics lists per project</li> </ul>	750
Number of entries per graphics list	750
functionality under WinCC Unified / archiving / header	
<ul> <li>Number of archives per device</li> </ul>	50
<ul> <li>Number of entries per archive</li> </ul>	500 000
Message archive	Yes
<ul> <li>Process value archive</li> </ul>	Yes
<ul> <li>type of archiving / for WinCC Unified</li> </ul>	
— Sequential archive	Yes
— Short-term archive	Yes
<ul> <li>storage location / of archiving / for WinCC Unified</li> </ul>	
— Memory card	Yes
— USB memory	Yes
— Ethernet	No
Security	
Number of roles	50
<ul><li>Number of roles</li><li>Number of function rights</li></ul>	50 0; V16
<ul><li>Number of function rights</li><li>Number of users</li></ul>	0; V16
Number of function rights	0; V16 200
<ul> <li>Number of function rights</li> <li>Number of users</li> <li>Password export/import</li> <li>Central user administration</li> </ul>	0; V16 200 Yes Yes; as of WinCC V17
<ul><li>Number of function rights</li><li>Number of users</li><li>Password export/import</li></ul>	0; V16 200 Yes Yes; as of WinCC V17
<ul> <li>Number of function rights</li> <li>Number of users</li> <li>Password export/import</li> <li>Central user administration</li> <li>functionality under WinCC Unified / transfer (upload/download) / here</li> </ul>	0; V16 200 Yes Yes; as of WinCC V17 ader
<ul> <li>Number of function rights</li> <li>Number of users</li> <li>Password export/import</li> <li>Central user administration</li> <li>functionality under WinCC Unified / transfer (upload/download) / here</li> <li>USB</li> <li>Ethernet</li> </ul>	0; V16 200 Yes Yes; as of WinCC V17 ader No Yes
<ul> <li>Number of function rights</li> <li>Number of users</li> <li>Password export/import</li> <li>Central user administration</li> <li>functionality under WinCC Unified / transfer (upload/download) / here</li> <li>USB</li> <li>Ethernet</li> <li>using external storage medium</li> </ul>	0; V16 200 Yes Yes; as of WinCC V17 ader No
<ul> <li>Number of function rights</li> <li>Number of users</li> <li>Password export/import</li> <li>Central user administration</li> <li>functionality under WinCC Unified / transfer (upload/download) / here</li> <li>USB</li> <li>Ethernet</li> </ul>	0; V16 200 Yes Yes; as of WinCC V17 ader No Yes Yes; as of WinCC Unified V17
<ul> <li>Number of function rights</li> <li>Number of users</li> <li>Password export/import</li> <li>Central user administration</li> <li>functionality under WinCC Unified / transfer (upload/download) / here</li> <li>USB</li> <li>Ethernet</li> <li>using external storage medium</li> <li>Process coupling</li> <li>\$7-1200</li> </ul>	0; V16 200 Yes Yes; as of WinCC V17 ader No Yes Yes; as of WinCC Unified V17 Yes
<ul> <li>Number of function rights</li> <li>Number of users</li> <li>Password export/import</li> <li>Central user administration</li> <li>functionality under WinCC Unified / transfer (upload/download) / here</li> <li>USB</li> <li>Ethernet</li> <li>using external storage medium</li> <li>Process coupling</li> <li>\$7-1200</li> <li>\$7-1500</li> </ul>	0; V16 200 Yes Yes; as of WinCC V17 ader No Yes Yes; as of WinCC Unified V17 Yes Yes
<ul> <li>Number of function rights</li> <li>Number of users</li> <li>Password export/import</li> <li>Central user administration</li> <li>functionality under WinCC Unified / transfer (upload/download) / here</li> <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> </ul>	0; V16 200 Yes Yes; as of WinCC V17 ader No Yes Yes; as of WinCC Unified V17 Yes Yes No
<ul> <li>Number of function rights</li> <li>Number of users</li> <li>Password export/import</li> <li>Central user administration</li> <li>functionality under WinCC Unified / transfer (upload/download) / here</li> <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>\$7-300/400</li> </ul>	0; V16 200 Yes Yes; as of WinCC V17 ader No Yes; as of WinCC Unified V17 Yes; As of WinCC Unified V17 Yes Yes No Yes
<ul> <li>Number of function rights</li> <li>Number of users</li> <li>Password export/import</li> <li>Central user administration</li> <li>functionality under WinCC Unified / transfer (upload/download) / here</li> <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>\$7-300/400</li> <li>Number of \$7 connections</li> </ul>	0; V16 200 Yes Yes; as of WinCC V17 ader No Yes Yes; as of WinCC Unified V17 Yes Yes No Yes Yes No Yes
<ul> <li>Number of function rights</li> <li>Number of users</li> <li>Password export/import</li> <li>Central user administration</li> <li>functionality under WinCC Unified / transfer (upload/download) / here</li> <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>\$7-300/400</li> <li>Number of \$7 connections</li> <li>LOGO!</li> </ul>	0; V16 200 Yes Yes; as of WinCC V17 ader No Yes Yes; as of WinCC Unified V17 Yes Yes No Yes No Yes No
<ul> <li>Number of function rights</li> <li>Number of users</li> <li>Password export/import</li> <li>Central user administration</li> <li>functionality under WinCC Unified / transfer (upload/download) / here</li> <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>\$7-300/400</li> <li>Number of \$7 connections</li> <li>LOGO!</li> <li>\$IMOTION</li> </ul>	0; V16 200 Yes Yes; as of WinCC V17 ader No Yes Yes; as of WinCC Unified V17 Yes Yes No Yes No Yes No No No
<ul> <li>Number of function rights</li> <li>Number of users</li> <li>Password export/import</li> <li>Central user administration</li> <li>functionality under WinCC Unified / transfer (upload/download) / here</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>Number of \$7 connections</li> <li>LOGO!</li> <li>\$IMOTION</li> <li>OPC UA Client</li> </ul>	0; V16 200 Yes Yes; as of WinCC V17 ader No Yes Yes; as of WinCC Unified V17 Yes Yes No Yes No Yes No Yes No Yes
<ul> <li>Number of function rights</li> <li>Number of users</li> <li>Password export/import</li> <li>Central user administration</li> <li>functionality under WinCC Unified / transfer (upload/download) / here</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>Number of \$7 connections</li> <li>LOGO!</li> <li>\$IMOTION</li> <li>OPC UA Client</li> <li>OPC UA Server</li> </ul>	0; V16 200 Yes Yes; as of WinCC V17 ader No Yes Yes; as of WinCC Unified V17 Yes Yes No Yes 16 No No Yes 16 No Yes 16 No Yes Yes 16 No
<ul> <li>Number of function rights</li> <li>Number of users</li> <li>Password export/import</li> <li>Central user administration</li> <li>functionality under WinCC Unified / transfer (upload/download) / here</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>Number of \$7 connections</li> <li>LOGO!</li> <li>\$IMOTION</li> <li>OPC UA Client</li> <li>OPC UA Server</li> <li>\$oftware Controller/Open Controller</li> </ul>	0; V16 200 Yes Yes; as of WinCC V17 ader No Yes Yes; as of WinCC Unified V17 Yes Yes No Yes 16 No No Yes 16 No No Yes 16 No No Yes 16 No No Yes 16 No No Yes Yes No No Yes No Yes No No Yes No No Yes No No No No No No No No No No
<ul> <li>Number of function rights</li> <li>Number of users</li> <li>Password export/import</li> <li>Central user administration</li> <li>functionality under WinCC Unified / transfer (upload/download) / here</li> <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>\$7-300/400</li> <li>Number of \$7 connections</li> <li>LOGO!</li> <li>\$IMOTION</li> <li>OPC UA Client</li> <li>OPC UA Server</li> <li>\$oftware Controller/Open Controller</li> <li>functionality under WinCC Unified / service tools/configuration tools</li> </ul>	0; V16 200 Yes Yes; as of WinCC V17 ader No Yes Yes; as of WinCC Unified V17 Yes Yes No No No No No Yes Yes No No No No No Yes Yes No No No No No Yes Yes Yes No No No No Yes Yes No No No Yes Yes No No Yes Yes Yes No No No Yes Yes Yes Yes Yes No No Yes Yes Yes Yes Yes Yes Yes Yes
<ul> <li>Number of function rights</li> <li>Number of users</li> <li>Password export/import</li> <li>Central user administration</li> <li>functionality under WinCC Unified / transfer (upload/download) / here</li> <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>\$7-300/400</li> <li>Number of \$7 connections</li> <li>LOGO!</li> <li>\$IMOTION</li> <li>OPC UA Client</li> <li>OPC UA Server</li> <li>\$oftware Controller/Open Controller</li> <li>functionality under WinCC Unified / service tools/configuration tools</li> <li>Backup/Restore manually</li> </ul>	0; V16 200 Yes Yes; as of WinCC V17 ader No Yes Yes Yes No Yes Yes No Yes Yes No Yes Yes Yes No Yes Yes No Yes No Yes Yes Yes No Yes Yes Yes Yes No Yes Yes Yes Yes Yes Yes Yes Yes
<ul> <li>Number of function rights</li> <li>Number of users</li> <li>Password export/import</li> <li>Central user administration</li> <li>functionality under WinCC Unified / transfer (upload/download) / here</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>\$7-1200</li> <li>\$7-200</li> <li>\$7-300/400</li> <li>Number of \$7 connections</li> <li>LOGO!</li> <li>\$IMOTION</li> <li>OPC UA Client</li> <li>OPC UA Server</li> <li>\$software Controller/Open Controller</li> <li>functionality under WinCC Unified / service tools/configuration tools</li> <li>Backup/Restore automatically</li> </ul>	0; V16 200 Yes Yes; as of WinCC V17 ader No Yes Yes Yes No Yes No Yes No Yes No Yes No Yes 16 No No Yes 16 No No Yes Yes 16 No Yes Yes Yes Yes Yes Yes Yes Yes
<ul> <li>Number of function rights</li> <li>Number of users</li> <li>Password export/import</li> <li>Central user administration</li> <li>functionality under WinCC Unified / transfer (upload/download) / here</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>Number of \$7 connections</li> <li>LOGO!</li> <li>\$IMOTION</li> <li>OPC UA Client</li> <li>OPC UA Server</li> <li>\$Software Controller/Open Controller</li> <li>functionality under WinCC Unified / service tools/configuration tools</li> <li>Backup/Restore manually</li> <li>Backup/Restore automatically</li> <li>\$imulation</li> </ul>	0; V16 200 Yes Yes; as of WinCC V17 ader No Yes Yes Yes No Yes No Yes No Yes No Yes No Yes 16 No No Yes Yes 16 No No Yes Yes Yes Yes Yes Yes Yes Yes
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<ul> <li>Number of function rights</li> <li>Number of users</li> <li>Password export/import</li> <li>Central user administration</li> <li>functionality under WinCC Unified / transfer (upload/download) / here</li> <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>\$7-300/400</li> <li>Number of \$7 connections</li> <li>LOGO!</li> <li>\$IMOTION</li> <li>OPC UA Client</li> <li>OPC UA Server</li> <li>\$oftware Controller/Open Controller</li> <li>functionality under WinCC Unified / service tools/configuration tools</li> <li>Backup/Restore manually</li> <li>Backup/Restore automatically</li> <li>\$imulation</li> <li>Device switchover</li> </ul>	0; V16 200 Yes Yes; as of WinCC V17 ader No Yes Yes; as of WinCC Unified V17 Yes Yes No Yes 16 No No Yes 16 No No Yes Yes Yes Yes Yes Yes Yes Yes
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SIMATIC HMI SD memory card: Secure Digital memory card	Yes
SIMATIC HMI CF memory card Compact Flash Card	No
USB memory	Yes
SIMATIC IPC USB Flashdrive (USB stick)	Yes
SIMATIC HMI USB stick	Yes
Network camera	No
Mechanics/material	
Enclosure material (front)	
Aluminum	Yes
Dimensions	
Width of the housing front	214 mm
Height of housing front	158 mm
Mounting cutout, width	197 mm
Mounting cutout, height	141 mm
Overall depth	64 mm
Weights	
Weight (without packaging)	1.4 kg

last modified:

1/31/2023 🖸