6AV2145-8GB00-0AA0

Data sheet

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



| General information | |
|---|--|
| Product type designation | KTP700F |
| Display | |
| Design of display | TFT widescreen display, LED backlighting |
| Screen diagonal | 7 in |
| Color display | Yes |
| Number of colors | 16 000 000 |
| Resolution (pixels) | |
| Horizontal image resolution | 800 pixel |
| Vertical image resolution | 480 pixel |
| Backlighting | |
| MTBF backlighting (at 25 °C) | 50 000 h |
| Backlight dimmable | Yes; 0-100 % |
| Control elements | |
| Keyboard fonts | |
| Function keys | |
| Number of function keys | 6 |
| Number of function keys with LEDs | 6 |
| Keys with LED | Yes |
| Numeric keyboard | Yes; Onscreen keyboard |
| alphanumeric keyboard | Yes; Onscreen keyboard |
| Touch operation | |
| Design as touch screen | Yes |
| Design as multi-touch screen | No |
| Special operator controls | |
| Stop button (forced blocking) | Yes |
| Emergency stop button (illuminated and forced blocking) | Yes |
| Acknowledgement button (3-stage) | Yes |
| Key-operated switch | Yes |
| Illuminated pushbutton | Yes |
| Handwheel | Yes |
| Camera | |
| integrated camera | No |
| Expansions for operator control of the process | |
| Direct keys (touch buttons as S7 input I/O) | 32 |
| Supply voltage | |
| Type of supply voltage | DC |

| Sale of value (UC) | | 2414 |
|---|--|------------|
| Demissible range, upper limit (DC) 28.8 V | Rated value (DC) | 24 V |
| Fleah Yes | | |
| Flash | | 28.8 V |
| RAM | | |
| Memory available for user data 12 Mbyte | | |
| Type of output | | |
| Power LED | | 12 Mbyte |
| LED for safe | Type of output | |
| LED for communication | Power LED | No |
| LED for battery | LED for safe | No |
| Virte of day | LED for communication | No |
| Time of day | LED for battery | No |
| Clock | Vibrations | No |
| | Time of day | |
| • retentive | Clock | |
| Synchronizable Yes | Hardware clock (real-time) | Yes |
| Interfaces | • retentive | Yes |
| Number of industrial Ethernet interfaces | • synchronizable | Yes |
| Number of industrial Ethernet interfaces | Interfaces | |
| Number of RS 425 interfaces | | 1 |
| Number of RS 232 interfaces 0 | Number of PROFINET interfaces | 1 |
| Number of RS 232 interfaces | Number of RS 485 interfaces | 0 |
| Number of USB interfaces | Number of RS 422 interfaces | 0 |
| Number of wireless interfaces 0 | Number of RS 232 interfaces | 0 |
| Number of wireless interfaces 0 | Number of USB interfaces | 1; USB 2.0 |
| Protocols | Number of wireless interfaces | |
| PROFINET | Number of SD card slots | 1 |
| PROFINET | Protocols | |
| Supports protocol for PROFINET IO | | Yes |
| PROFIBUS Yes EtherNet/IP Yes MPI No Protocols (Ethernet) Ves • TCP/IP Yes • DHCP Yes • SNMP Yes • DCP Yes • LLDP Yes WEB characteristics ** • HTTP Yes • HTTPS Yes • HTML Yes • XML No • CSS Yes • Active X No • JavaScript Yes • Java VM No Further protocols Yes • MODBUS Yes • other bus systems No Degree and class of protection IP65 (all-round) Standards, approvals, certificates Yes | | |
| PROFIBUS | | |
| EtherNet/IP | | |
| No | | |
| Protocols (Ethernet) Yes • TCP/IP Yes • DHCP Yes • SMMP Yes • DCP Yes • LLDP Yes WEB characteristics Yes • HTTP Yes • HTML Yes • XML No • CSS Yes • Active X No • JavaScript Yes • Java VM No Further protocols Yes • MODBUS Yes • other bus systems No Degree and class of protection IP65 (all-round) IP65 (all-round) Yes Standards, approvals, certificates Yes | | |
| ■ TCP/IP ■ DHCP ■ Yes ■ SNMP ■ Yes ■ DCP ■ Yes ■ LLDP ■ Yes ■ LLDP WEB characteristics ■ HTTP ■ HTTPS ■ HTML ■ XML ■ Yes ■ Active X ■ Active X ■ JavaScript ■ Java VM ■ Java VM ■ No Further protocols ■ MODBUS ■ Other bus systems No Degree and class of protection IP65 (all-round) Yes Standards, approvals, certificates CE mark Yes | | |
| DHCP SNMP Yes DCP Yes LLDP Yes WEB characteristics HTTP HTTPS HTML Yes HTML Yes XML CSS Active X JavaScript Java VM Mo Further protocols MODBUS other bus systems No Degree and class of protection IP65 (all-round) Yes Standards, approvals, certificates CE mark | | Yes |
| | | |
| ● DCP ● LLDP | | |
| ● LLDP WEB characteristics ● HTTP ● HTTPS ● HTML ● Yes ● HTML ● XML ● XML ● CSS ● Active X ● JavaScript ● Java VM Further protocols ● MODBUS ● other bus systems Degree and class of protection IP65 (all-round) Yes Yes Yes Yes Yes Yes Yes Ye | | |
| WEB characteristics • HTTP Yes • HTTPS Yes • HTML Yes • XML No • CSS Yes • Active X No • JavaScript Yes • Java VM No Further protocols Yes • MODBUS Yes • other bus systems No Degree and class of protection Yes IP65 (all-round) Yes Standards, approvals, certificates Yes | | |
| HTTP HTTPS Yes HTML XML XML XML XMS CSS Active X JavaScript Java VM No Further protocols MODBUS other bus systems No Degree and class of protection IP65 (all-round) Yes Standards, approvals, certificates CE mark Yes | | |
| HTTPS HTML XML XML CSS Active X JavaScript Java VM Further protocols MODBUS other bus systems No Degree and class of protection IP65 (all-round) Yes Standards, approvals, certificates CE mark Yes Yes Yes Yes | | Yes |
| HTML XML CSS Active X JavaScript Java VM Mo Further protocols MODBUS other bus systems No Degree and class of protection IP65 (all-round) Yes Standards, approvals, certificates CE mark Yes | | |
| XML CSS Active X JavaScript Java VM No Further protocols MODBUS other bus systems No Degree and class of protection IP65 (all-round) Yes Standards, approvals, certificates CE mark Yes | | |
| CSS Active X JavaScript Java VM No Further protocols MODBUS other bus systems No Degree and class of protection IP65 (all-round) Standards, approvals, certificates CE mark Yes Yes | | |
| Active X JavaScript Java VM No Further protocols MODBUS other bus systems No Degree and class of protection IP65 (all-round) Yes Standards, approvals, certificates CE mark Yes Yes Yes Yes Yes | | |
| JavaScript Java VM No Further protocols MODBUS other bus systems No Degree and class of protection IP65 (all-round) Standards, approvals, certificates CE mark Yes | | |
| Java VM Further protocols MODBUS other bus systems No Degree and class of protection IP65 (all-round) Yes Standards, approvals, certificates CE mark Yes | | |
| Further protocols • MODBUS • other bus systems No Degree and class of protection IP65 (all-round) Standards, approvals, certificates CE mark Yes | | |
| ● MODBUS ● other bus systems No Degree and class of protection IP65 (all-round) Standards, approvals, certificates CE mark Yes Yes Yes | | |
| ● other bus systems Degree and class of protection IP65 (all-round) Standards, approvals, certificates CE mark No Yes Yes | | Yes |
| Degree and class of protection IP65 (all-round) Standards, approvals, certificates CE mark Yes | | |
| IP65 (all-round) Standards, approvals, certificates CE mark Yes Yes | | 110 |
| Standards, approvals, certificates CE mark Yes | | Voc |
| CE mark Yes | | Yes |
| | | |
| UL approval Yes | | |
| | UL approval | Yes |

| cULus | Voo |
|---|---|
| | Yes No |
| FM approval | |
| RCM (formerly C-TICK) | Yes |
| KC approval | No Yes |
| EAC (formerly Gost-R) | Yes |
| Suitable for safety functions | Yes |
| Marine approval | No |
| Highest safety class achievable in safety mode | DI - |
| Performance level according to ISO 13849-1 SIL according to ISO 13849-1 | PLe |
| SIL acc. to IEC 61508 Lies in horozofesia areas | SIL 3 |
| Use in hazardous areas | Na |
| ATEX Zone 2 ATEX Zone 22 | No |
| IECEx Zone 2 IECEx Zone 2 | No |
| • IECEX Zone 22 | No |
| | No |
| • cULus Class I Zone 1 | No |
| cULus Class I Zone 2, Division 2 | No |
| • cULus Class II Division 2 | No |
| FM Class I Division 2 FM Class II Division 2 | No |
| FM Class II Division 2 | No |
| Marine approval | V |
| Germanischer Lloyd (GL) Palatti Briggt (Mathematical (RDC)) - Communication (MDC) - | Yes |
| Polski Rejestr Statkow (PRS) | No |
| Ambient conditions | |
| Free fall | |
| • Fall height, max. | 1.2 m |
| Ambient temperature during operation | |
| ● min. | 0 °C |
| • max. | 45 °C |
| Ambient temperature during storage/transportation | |
| ● min. | -20 °C |
| • max. | 60 °C |
| | |
| Relative humidity | |
| Operation, max. | 90 % |
| • | 90 % |
| Operation, max. Operating systems pre-installed operating system | 90 % |
| Operation, max. Operating systems | 90 % Yes |
| Operation, max. Operating systems pre-installed operating system | |
| Operation, max. Operating systems pre-installed operating system Windows CE | |
| Operation, max. Operating systems pre-installed operating system Windows CE configuration / header | Yes |
| Operation, max. Operating systems pre-installed operating system Windows CE configuration / header Message indicator | Yes |
| Operation, max. Operating systems pre-installed operating system Windows CE configuration / header Message indicator Alarm system (incl. buffer and acknowledgment) | Yes Yes Yes |
| Operation, max. Operating systems pre-installed operating system Windows CE configuration / header Message indicator Alarm system (incl. buffer and acknowledgment) Process value display (output) | Yes Yes Yes Yes Yes |
| Operation, max. Operating systems pre-installed operating system • Windows CE configuration / header Message indicator Alarm system (incl. buffer and acknowledgment) Process value display (output) Process value default (input) possible | Yes Yes Yes Yes Yes Yes Yes |
| Operation, max. Operating systems pre-installed operating system Windows CE configuration / header Message indicator Alarm system (incl. buffer and acknowledgment) Process value display (output) Process value default (input) possible Recipe management | Yes Yes Yes Yes Yes Yes Yes |
| Operation, max. Operating systems pre-installed operating system Windows CE configuration / header Message indicator Alarm system (incl. buffer and acknowledgment) Process value display (output) Process value default (input) possible Recipe management Configuration software | Yes Yes Yes Yes Yes Yes Yes Yes |
| Operation, max. Operating systems pre-installed operating system Windows CE configuration / header Message indicator Alarm system (incl. buffer and acknowledgment) Process value display (output) Process value default (input) possible Recipe management Configuration software STEP 7 Basic (TIA Portal) | Yes Yes Yes Yes Yes Yes Yes Yes Yes |
| Operating systems pre-installed operating system Windows CE configuration / header Message indicator Alarm system (incl. buffer and acknowledgment) Process value display (output) Process value default (input) possible Recipe management Configuration software STEP 7 Basic (TIA Portal) STEP 7 Professional (TIA Portal) | Yes Yes Yes Yes Yes Yes Yes Yes No No |
| Operating systems pre-installed operating system Windows CE configuration / header Message indicator Alarm system (incl. buffer and acknowledgment) Process value display (output) Process value default (input) possible Recipe management Configuration software STEP 7 Basic (TIA Portal) STEP 7 Professional (TIA Portal) WinCC flexible Compact | Yes Yes Yes Yes Yes Yes Yes Yes No No No |
| Operating systems pre-installed operating system Windows CE configuration / header Message indicator Alarm system (incl. buffer and acknowledgment) Process value display (output) Process value default (input) possible Recipe management Configuration software STEP 7 Basic (TIA Portal) STEP 7 Professional (TIA Portal) WinCC flexible Compact WinCC flexible Standard | Yes Yes Yes Yes Yes Yes Yes No No No No No |
| Operating systems pre-installed operating system Windows CE configuration / header Message indicator Alarm system (incl. buffer and acknowledgment) Process value display (output) Process value default (input) possible Recipe management Configuration software STEP 7 Basic (TIA Portal) STEP 7 Professional (TIA Portal) WinCC flexible Compact WinCC flexible Standard WinCC flexible Advanced | Yes Yes Yes Yes Yes Yes Yes You No No No No No No No No |
| Operating systems pre-installed operating system Windows CE configuration / header Message indicator Alarm system (incl. buffer and acknowledgment) Process value display (output) Process value default (input) possible Recipe management Configuration software STEP 7 Basic (TIA Portal) STEP 7 Professional (TIA Portal) WinCC flexible Compact WinCC flexible Advanced WinCC Basic (TIA Portal) WinCC Comfort (TIA Portal) WinCC Comfort (TIA Portal) | Yes Yes Yes Yes Yes Yes Yes You No |
| Operating systems pre-installed operating system Windows CE configuration / header Message indicator Alarm system (incl. buffer and acknowledgment) Process value display (output) Process value default (input) possible Recipe management Configuration software STEP 7 Basic (TIA Portal) STEP 7 Professional (TIA Portal) WinCC flexible Compact WinCC flexible Advanced WinCC Basic (TIA Portal) WinCC Comfort (TIA Portal) WinCC Advanced (TIA Portal) | Yes Yes Yes Yes Yes Yes Yes You No |
| Operating systems pre-installed operating system Windows CE configuration / header Message indicator Alarm system (incl. buffer and acknowledgment) Process value display (output) Process value default (input) possible Recipe management Configuration software STEP 7 Basic (TIA Portal) STEP 7 Professional (TIA Portal) WinCC flexible Compact WinCC flexible Standard WinCC Basic (TIA Portal) WinCC Pofessional (TIA Portal) WinCC Pofessional (TIA Portal) WinCC Pofessional (TIA Portal) | Yes Yes Yes Yes Yes Yes Yes You No Yes Yes |
| Operating systems pre-installed operating system Windows CE configuration / header Message indicator Alarm system (incl. buffer and acknowledgment) Process value display (output) Process value default (input) possible Recipe management Configuration software STEP 7 Basic (TIA Portal) STEP 7 Professional (TIA Portal) WinCC flexible Compact WinCC flexible Standard WinCC flexible Advanced WinCC Basic (TIA Portal) WinCC Comfort (TIA Portal) WinCC Advanced (TIA Portal) WinCC Advanced (TIA Portal) WinCC Professional (TIA Portal) | Yes Yes Yes Yes Yes Yes Yes You No Yes Yes |
| Operating systems pre-installed operating system Windows CE configuration / header Message indicator Alarm system (incl. buffer and acknowledgment) Process value display (output) Process value default (input) possible Recipe management Configuration software STEP 7 Basic (TIA Portal) STEP 7 Professional (TIA Portal) WinCC flexible Compact WinCC flexible Standard WinCC Basic (TIA Portal) WinCC Professional (TIA Portal) WinCC Comfort (TIA Portal) WinCC Advanced (TIA Portal) WinCC Professional (TIA Portal) WinCC Professional (TIA Portal) | Yes |
| Operating systems pre-installed operating system Windows CE configuration / header Message indicator Alarm system (incl. buffer and acknowledgment) Process value display (output) Process value default (input) possible Recipe management Configuration software STEP 7 Basic (TIA Portal) STEP 7 Professional (TIA Portal) WinCC flexible Compact WinCC flexible Standard WinCC Basic (TIA Portal) WinCC Professional (TIA Portal) WinCC Advanced WinCC Advanced (TIA Portal) WinCC Advanced (TIA Portal) WinCC Professional (TIA Portal) WinCC Professional (TIA Portal) WinCC Professional (TIA Portal) WinCC Professional (TIA Portal) | Yes Yes Yes Yes Yes Yes Yes You No Yes Yes |
| Operating systems pre-installed operating system Windows CE configuration / header Message indicator Alarm system (incl. buffer and acknowledgment) Process value display (output) Process value default (input) possible Recipe management Configuration software STEP 7 Basic (TIA Portal) STEP 7 Professional (TIA Portal) WinCC flexible Compact WinCC flexible Standard WinCC Basic (TIA Portal) WinCC Professional (TIA Portal) WinCC Comfort (TIA Portal) WinCC Advanced (TIA Portal) WinCC Professional (TIA Portal) WinCC Professional (TIA Portal) | Yes |

| Functionality under WinCC (TIA Portal) | |
|--|---------|
| Libraries | Yes |
| Applications/options | |
| Web browser | Yes |
| Pocket Word | No |
| Pocket Excel | No |
| PDF Viewer | Yes |
| Media Player | No |
| SIMATIC WinCC Sm@rtServer | Yes |
| SIMATIC WinCC Audit | Yes |
| Number of Visual Basic Scripts | Yes |
| Task planner | |
| time-controlled | Yes |
| task-controlled | Yes |
| Help system | |
| Number of characters per info text | 500 |
| Multiproject | |
| Number of projects (internal) | 0 |
| Number of projects (internal) Number of projects (external) | 0 |
| Message system | |
| Number of alarm classes | 32 |
| Bit messages | 02 |
| Number of bit messages | 4 000 |
| Analog messages | 7 000 |
| | 200 |
| — Number of analog messagesS7 alarm number procedure | Yes |
| | Yes |
| System messages HMISystem event, more (SIMATIC S7, SINUMERIK, | Yes |
| SIMOTION,) | |
| Number of characters per message | 80 |
| Number of process values per message | 8 |
| Acknowledgment groups | Yes |
| Message indicator | Yes |
| Message buffer | |
| — Number of entries | 1 024 |
| Circulating buffer | Yes |
| — retentive | Yes |
| — maintenance-free | Yes |
| Recipe management | |
| Number of recipes | 300 |
| Data records per recipe | 500 |
| Entries per data record | 1 000 |
| Size of internal recipe memory | 2 Mbyte |
| Recipe memory expandable | Yes |
| Variables | |
| Number of variables per device | 2 048 |
| Number of variables per screen | 400 |
| Limit values | Yes |
| Multiplexing | Yes |
| Structures | Yes |
| Arrays | Yes |
| Images | |
| Number of configurable images | 500 |
| Permanent window/default | Yes |
| Global image | Yes |
| Image selection by PLC | Yes |
| Image number in the PLC | Yes |
| Image objects | |

| Number of objects per image | 400 |
|---|--|
| Text fields | Yes |
| • I/O fields | Yes |
| Graphic I/O fields (graphics list) | Yes |
| Symbolic I/O fields (text list) | Yes |
| Date/time fields | Yes |
| Switches | Yes |
| Graphic display | Yes |
| • Icons | Yes |
| Geometric objects | Yes |
| Complex image objects | |
| Number of complex objects per screen | 20 |
| Alarm view | Yes |
| Trend view | Yes |
| • User view | Yes |
| Status/control | Yes |
| Sm@rtClient view | Yes |
| Recipe view | Yes |
| f(x) trend view | Yes |
| System diagnostics view | Yes |
| Media Player | Yes |
| Bar graphs | Yes |
| Sliders | Yes |
| Pointer instruments | Yes |
| Analog/digital clock | Yes |
| Lists | |
| Number of text lists per project | 500 |
| Number of entries per text list | 500 |
| Number of graphics lists per project | 500 |
| Number of entries per graphics list | 500 |
| Archiving | |
| Number of archives per device | 50 |
| Number of entries per archive | 20 000 |
| Message archive | Yes |
| Process value archive | Yes |
| Archiving methods | |
| | |
| Sequential archive | Yes |
| — Sequential archive— Short-term archive | Yes Yes |
| | |
| — Short-term archive | |
| — Short-term archive• Memory location | Yes |
| — Short-term archive• Memory location— Memory card | Yes Yes |
| — Short-term archive• Memory location— Memory card— USB memory | Yes Yes Yes |
| Short-term archive Memory location Memory card USB memory Ethernet | Yes Yes Yes |
| Short-term archive Memory location Memory card USB memory Ethernet Data storage format | Yes Yes Yes Yes |
| Short-term archive Memory location Memory card USB memory Ethernet Data storage format CSV | Yes Yes Yes Yes Yes |
| Short-term archive Memory location Memory card USB memory Ethernet Data storage format CSV TXT | Yes Yes Yes Yes Yes No |
| — Short-term archive • Memory location — Memory card — USB memory — Ethernet • Data storage format — CSV — TXT — RDB Security | Yes Yes Yes Yes Yes No |
| Short-term archive Memory location Memory card USB memory Ethernet Data storage format CSV TXT RDB Security Number of user groups | Yes Yes Yes Yes Yes No Yes |
| — Short-term archive • Memory location — Memory card — USB memory — Ethernet • Data storage format — CSV — TXT — RDB Security | Yes Yes Yes Yes Yes Yes Yes No Yes |
| - Short-term archive • Memory location - Memory card - USB memory - Ethernet • Data storage format - CSV - TXT - RDB Security • Number of user groups • Number of users | Yes Yes Yes Yes Yes No Yes 50 32 |
| - Short-term archive • Memory location - Memory card - USB memory - Ethernet • Data storage format - CSV - TXT - RDB Security • Number of user groups • Number of user rights • Number of users • Password export/import | Yes Yes Yes Yes Yes No Yes 50 32 50 Yes |
| - Short-term archive • Memory location - Memory card - USB memory - Ethernet • Data storage format - CSV - TXT - RDB Security • Number of user groups • Number of user rights • Number of users • Password export/import • SIMATIC Logon | Yes Yes Yes Yes Yes Yes On One of the second |
| - Short-term archive • Memory location - Memory card - USB memory - Ethernet • Data storage format - CSV - TXT - RDB Security • Number of user groups • Number of user rights • Number of users • Password export/import • SIMATIC Logon Logging through printer | Yes Yes Yes Yes Yes No Yes 50 32 50 Yes Yes |
| - Short-term archive • Memory location - Memory card - USB memory - Ethernet • Data storage format - CSV - TXT - RDB Security • Number of user groups • Number of user rights • Number of users • Password export/import • SIMATIC Logon Logging through printer • Alarms | Yes Yes Yes Yes Yes No Yes 50 32 50 Yes Yes Yes |
| - Short-term archive • Memory location - Memory card - USB memory - Ethernet • Data storage format - CSV - TXT - RDB Security • Number of user groups • Number of user rights • Number of users • Password export/import • SIMATIC Logon Logging through printer • Alarms • Electronic print to file | Yes Yes Yes Yes Yes No Yes 50 32 50 Yes Yes |
| - Short-term archive • Memory location - Memory card - USB memory - Ethernet • Data storage format - CSV - TXT - RDB Security • Number of user groups • Number of user rights • Number of users • Password export/import • SIMATIC Logon Logging through printer • Alarms • Electronic print to file Character sets | Yes Yes Yes Yes Yes No Yes 50 32 50 Yes Yes Yes |
| Short-term archive • Memory location Memory card USB memory Ethernet • Data storage format CSV TXT RDB Security • Number of user groups • Number of user rights • Number of users • Password export/import • SIMATIC Logon Logging through printer • Alarms • Electronic print to file | Yes Yes Yes Yes Yes No Yes 50 32 50 Yes Yes Yes |

| | Transfer (upload/download) | |
|---|---|----------------------|
| ■ Ethermet ■ Ethermet ■ Wireless LAN ■ using external storage medium No Process coupling ■ \$7-1200 ■ \$7-1500 ■ \$7-1500 ■ \$7-1500 ■ \$7-200 ■ \$7-300400 ■ \$7-300400 ■ \$1.00000 ■ \$1.00000 ■ \$1.00000 ■ \$1.00000 ■ \$1.00000 ■ \$1.00000 ■ \$1.00000 ■ \$1.000000 ■ \$1.000000 ■ \$1.0000000 ■ \$1.00000000 ■ \$1.000000000 ■ \$1.000000000000 ■ \$1.0000000000000000 ■ \$1.000000000000000000000000000000000000 | | No |
| Ethemet | | |
| ■ Wireless LAN ■ using external storage medium No Process coupling ■ \$7-1200 | | |
| ■ using external storage medium | | |
| Process coupling | | |
| | | 110 |
| • \$7-1500 • \$7-200 • \$7-300/40 | · - | Yes |
| • \$7-200 • \$7-300/400 • \$1-300 | | |
| • S7-300/400 • LOGO! • LOGO! • WinAC • SINUMERIK • SIMOTION • Allen Bradley (EtherNet/IP) • Allen Bradley (DF1) • Mitsubishi (MC TCP/IP) • Mitsubishi (MC TCP/IP) • Mitsubishi (FX) • OMRON (FINS TCP) • OMRON (LINK/Multilink) • Modicon (Modbus TCP/IP) • Modicon (Modbus TCP/IP) • Modicon (Modbus TCP/IP) • Pes • Simulation • Backup/Restore automatically • Simulation • Device switchover • Pes Poripherals/Options Printer SIMATIC HMI MM memory card: Multi Media Card SIMATIC HMI MM memory card: Secure Digital memory card • SIMATIC HMI MM memory card: Secure Digital memory card • Ves Network camera Additional software components loadable Mechanics/material Enclosure material (front) • Plastic • Aluminum • Stainless steel Weight (without packaging) 1.48 kg | | |
| ● LOGO! ● WinAC ● SINUMERIK ● SIMOTION ● Allen Bradley (EtherNet/IP) ● Allen Bradley (DF1) ● Mitsubishi (MC TCP/IP) ● Mitsubishi (FX) ● Mitsubishi (FX) ● Momon (FINS TCP) ● OMRON (FINS TCP) ● Modicon (Modbus TCP/IP) ● Modicon (Modbus TCP/IP) ● Backup/Restore manually ● Backup/Restore automatically ● Backup/Restore automatically ● Simulation ● Device switchover Peripherals/Options Printer SIMATIC HMI MM memory card: Multi Media Card SIMATIC HMI SD memory card: Secure Digital memory card Additional software components loadable Mechanics/material Enclosure material (front) ● Plastic ● Plastic ● Aluminum ● Stainless steel Weight (without packaging) 1.48 kg Weight (without packaging) 1.48 kg | | |
| ■ SINUMERIK ■ SINUMERIK ■ SIMOTION ■ Allen Bradley (EtherNet/IP) ■ Allen Bradley (DF1) ■ Mitsubishi (MC TCP/IP) ■ Mitsubishi (MC TCP/IP) ■ Mitsubishi (MC TCP/IP) ■ Mitsubishi (MC TCP/IP) ■ Mitsubishi (FX) ■ Modicon (Modbus TCP) ■ OMRON (EINS TCP) ■ Modicon (Modbus TCP/IP) ■ Backup/Restore manually ■ Backup/Restore manually ■ Backup/Restore automatically ■ Backup/Restore automatically ■ Simulation ■ Device switchover ■ SiMATIC HMI MM memory card: Multi Media Card SIMATIC HMI MM memory card: Secure Digital memory card USB memory Network camera Network camera Yes Additional software components loadable Mechanics/material Enclosure material (front) ■ Plastic ■ Aluminum ■ Stainless steel No Weights Weight (without packaging) 1.48 kg | | |
| SINUMERIK SIMOTION Alen Bradley (EtherNet/IP) Allen Bradley (DF1) Mo Mitsubishi (MC TCP/IP) Mitsubishi (FX) Mo MRON (EINS TCP) Modicon (Modbus TCP/IP) Modicon (Modbus TCP/IP) Modicon (Modbus) | | |
| SIMOTION Allen Bradley (EtherNet/IP) Allen Bradley (DF1) Mo Mitsubishi (MC TCP/IP) Mitsubishi (MC TCP/IP) Mitsubishi (FX) OMRON (FINS TCP) OMRON (LINK/Multilink) Mo Modicon (Modbus TCP/IP) Modicon (Modbus TCP/IP) Modicon (Modbus) No Service tools/configuration aids Backup/Restore manually Meanument of the service suitomatically 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 Network camera Additional software components loadable Mechanics/material Enclosure material (front) Plastic Aluminum Stainless steel Weight (without packaging) 1.48 kg Mo Mo Mechanics/material Finder No Mo Modicon (Modbus TCP/IP) Yes SIMATIC Options Yes No Weights Weight (without packaging) 1.48 kg | | |
| Allen Bradley (EtherNet/IP) Allen Bradley (DF1) Allen Bradley (DF1) Mitsubishi (MC TCP/IP) Mitsubishi (MC TCP/IP) Mitsubishi (FX) Mitsubishi (FX) Mo MRON (FINS TCP) Modicon (Modbus TCP/IP) Modicon (Modbus TCP/IP) Modicon (Modbus TCP/IP) Modicon (Modbus TCP/IP) Modicon (Modbus) Mo Service tools/configuration aids Backup/Restore manually Meacupi/Restore automatically Meacupi/Restore automatica | | |
| Allen Bradley (DF1) Mitsubishi (MC TCP/IP) Mitsubishi (MC TCP/IP) Mitsubishi (FX) Mo Mitsubishi (FX) Mo Momon (FINS TCP) Momon (LINK/Multilink) Mo Modicon (Modbus TCP/IP) Modicon (Modbus TCP/IP) Modicon (Modbus) Mo Service tools/configuration aids Backup/Restore manually Backup/Restore automatically Simulation Modicon (Modbus) Peripherals/Options Printer Yes SIMATIC HMI MM memory card: Multi Media Card Yes SIMATIC HMI SD memory card: Secure Digital memory card Modicon (Modbus) Mechanics/material Enclosure material (front) Plastic Aluminum Stainless steel Weights Weight (without packaging) 1.48 kg Model MRC TCP/IP) Yes No Model MRC TCP/IP) Yes Modicon (Modbus) No No Weights Weight (without packaging) 1.48 kg | | |
| Mitsubishi (MC TCP/IP) Mitsubishi (FX) Mo Mitsubishi (FX) Mo OMRON (FINS TCP) OMRON (LINK/Multilink) Modicon (Modbus TCP/IP) Modicon (Modbus TCP/IP) Modicon (Modbus) Mo Service tools/configuration aids Backup/Restore manually Backup/Restore automatically Simulation Device switchover Yes Peripherals/Options Printer SIMATIC HMI MM memory card: Multi Media Card SIMATIC HMI SD memory card: Secure Digital memory card Card USB memory Network camera Additional software components loadable Mechanics/material Enclosure material (front) Plastic Aluminum Stainless steel Weights Weight (without packaging) 1.48 kg Medican Modicon (Modbus) No Pres No Modicon (Modbus) No | | |
| Mitsubishi (FX) OMRON (FINS TCP) OMRON (FINS TCP) OMRON (LINK/Multilink) Mo Modicon (Modbus TCP/IP) Modicon (Modbus) No Service tools/configuration aids Backup/Restore manually Backup/Restore automatically 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 Network camera Additional software components loadable Mechanics/material Enclosure material (front) Plastic Aluminum Stainless steel Weights Weight (without packaging) 1.48 kg | • • • | |
| OMRON (FINS TCP) OMRON (LINK/Multilink) Mo Modicon (Modbus TCP/IP) Modicon (Modbus) No Service tools/configuration aids Backup/Restore manually Backup/Restore automatically Simulation Device switchover Yes Peripherals/Options Printer Yes SIMATIC HMI MM memory card: Multi Media Card Yes SIMATIC HMI SD memory card: Secure Digital memory card Card USB memory Network camera Additional software components loadable Mechanics/material Enclosure material (front) Plastic Aluminum Stainless steel No Weights Weight (without packaging) 1.48 kg | | |
| OMRON (LINK/Multilink) Modicon (Modbus TCP/IP) Yes Modicon (Modbus) No Service tools/configuration aids Backup/Restore manually Backup/Restore automatically Simulation Device switchover Yes Peripherals/Options Printer Yes SIMATIC HMI MM memory card: Multi Media Card Yes SIMATIC HMI SD memory card: Secure Digital memory card Card USB memory Network camera Additional software components loadable Yes; SIMATIC options Mechanics/material Enclosure material (front) Plastic Aluminum Stainless steel No Weights Weight (without packaging) 1.48 kg | | |
| Modicon (Modbus TCP/IP) Modicon (Modbus) Service tools/configuration aids Backup/Restore manually Backup/Restore automatically 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 Ves Additional software components loadable Mechanics/material Enclosure material (front) Plastic Aluminum Stainless steel Weights Weight (without packaging) 1.48 kg | | |
| Modicon (Modbus) Service tools/configuration aids Backup/Restore manually Backup/Restore automatically 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 Ves Additional software components loadable Mechanics/material Enclosure material (front) Plastic Aluminum Stainless steel No Weights Weight (without packaging) 1 48 kg | | |
| Service tools/configuration aids Backup/Restore manually Backup/Restore automatically Simulation Simulation Peripherals/Options Printer Yes SIMATIC HMI MM memory card: Multi Media Card SIMATIC HMI SD memory card: Secure Digital memory card USB memory Network camera Additional software components loadable Plastic Plastic Aluminum Stainless steel No Weights Weight (without packaging) Yes Yes Yes Yes Yes Network camera Yes No No Yes No No Yes No No No No No No No No No N | · · · · · · · · · · · · · · · · · · · | |
| Backup/Restore manually Backup/Restore automatically Simulation Ves Device switchover Peripherals/Options Printer SIMATIC HMI MM memory card: Multi Media Card SIMATIC HMI SD memory card: Secure Digital memory card USB memory Network camera Additional software components loadable Mechanics/material Enclosure material (front) Plastic Aluminum Stainless steel No Weights Weight (without packaging) Yes Yes 1.48 kg | | NO. |
| Backup/Restore automatically Simulation Device switchover Peripherals/Options Printer Printer SIMATIC HMI MM memory card: Multi Media Card SIMATIC HMI SD memory card: Secure Digital memory card USB memory Network camera Additional software components loadable Enclosure material (front) Plastic Aluminum Stainless steel Weight (without packaging) Yes 1.48 kg | - | Yes |
| Simulation Device switchover Peripherals/Options Printer Printer SIMATIC HMI MM memory card: Multi Media Card SIMATIC HMI SD memory card: Secure Digital memory card USB memory Network camera Additional software components loadable Plastic Plastic Aluminum Stainless steel Weights Weight (without packaging) Yes Yes Yes Yes Yes Yes Yes Ye | | |
| ● Device switchover Peripherals/Options Printer SIMATIC HMI MM memory card: Multi Media Card SIMATIC HMI SD memory card: Secure Digital memory card: USB memory Network camera Additional software components loadable Plastic Plastic Aluminum Stainless steel Weights Weight (without packaging) Yes Yes Yes Yes Yes Yes Yes Ye | | |
| Printer Yes SIMATIC HMI MM memory card: Multi Media Card Yes SIMATIC HMI SD memory card: Secure Digital memory card: Ves USB memory Yes Network camera Yes Additional software components loadable Yes; SIMATIC options Mechanics/material Enclosure material (front) Plastic Yes Aluminum No Stainless steel No Weights Weight (without packaging) 1.48 kg | | |
| Printer Yes SIMATIC HMI MM memory card: Multi Media Card Yes SIMATIC HMI SD memory card: Secure Digital memory card USB memory Yes Network camera Yes Additional software components loadable Yes; SIMATIC options Mechanics/material Enclosure material (front) Plastic Yes Aluminum Stainless steel No Weights Weight (without packaging) 1.48 kg | | |
| SIMATIC HMI SD memory card: Secure Digital memory card USB memory Network camera Additional software components loadable Mechanics/material Enclosure material (front) Plastic Aluminum Stainless steel Weights Weight (without packaging) Yes Yes Yes Yes No Yes No 1.48 kg | | Yes |
| SIMATIC HMI SD memory card: Secure Digital memory card USB memory Network camera Additional software components loadable Mechanics/material Enclosure material (front) Plastic Aluminum Stainless steel Weights Weight (without packaging) Yes Yes Yes Yes No Yes No 1.48 kg | | |
| USB memory Network camera Additional software components loadable Yes; SIMATIC options Mechanics/material Enclosure material (front) Plastic Aluminum Stainless steel Weights Weight (without packaging) 1.48 kg | | Yes |
| Network camera Additional software components loadable Yes; SIMATIC options Mechanics/material Enclosure material (front) Plastic Aluminum Stainless steel Weights Weight (without packaging) Yes Yes No Yes Yes 1.48 kg | | |
| Additional software components loadable Mechanics/material Enclosure material (front) Plastic Aluminum Stainless steel Weights Weight (without packaging) Yes; SIMATIC options Yes Yes No 1.48 kg | USB memory | Yes |
| Mechanics/material Enclosure material (front) Plastic Aluminum Stainless steel No Weights Weight (without packaging) 1.48 kg | Network camera | Yes |
| Enclosure material (front) Plastic Aluminum Stainless steel Weights Weight (without packaging) 1.48 kg | Additional software components loadable | Yes; SIMATIC options |
| Plastic Aluminum Stainless steel No Weights Weight (without packaging) 1.48 kg | Mechanics/material | |
| ● Aluminum ● Stainless steel No Weights Weight (without packaging) 1.48 kg | Enclosure material (front) | |
| • Stainless steel Weights Weight (without packaging) 1.48 kg | Plastic | Yes |
| Weights Weight (without packaging) 1.48 kg | Aluminum | No |
| Weight (without packaging) 1.48 kg | Stainless steel | No |
| | Weights | |
| | Weight (without packaging) | 1.48 kg |
| vvoignt (vviti) packaging) | Weight (with packaging) | 1.8 kg |

last modified: 3/2/2021 🖸