SIEMENS

Data sheet

6GK7243-7KX30-0XE0

product type designation



CP 1243-7 LTE EU

Communications processor CP 1243-7 LTE EU for Connection of SIMATIC S7-1200 to LTE network in European frequency range.

| transfer rate • for LTE transmission — with downlink / maximum — with uplink / maximum — with uplink / maximum 5.76 Mbt/ts number of interfaces / according to Industrial Ethernet number of electrical connections • for external antenna(s) • for external antenna(s) • for SIM cards 1 type of electrical connection • for SIM cards 1 type of electrical connection • for external antenna(s) • for SIM cards 1 type of electrical connection • for to external antenna(s) • for for SIM cards 1 type of electrical connection • for sim card simply 3-pole terminal block Standard Wirelass technology Itype of mobile wireless service / is supported • SMS • CPRS • GPRS • GPRS • GPRS • UMTS • LTE poperating frequency / for GSM transmission operating frequency / with UMTS transmission operating frequency / or LTE transmission operating frequency / or LTE transmission operating frequency / or LTE transmission operating frequency / or LTE transmission operating frequency / or LTE transmission operating frequency / or LTE transmission operating frequency / or LTE transmission operating frequency / or LTE transmission operating frequency / or LTE transmission operating frequency / or LTE transmission operating frequency / or LTE transmission operating frequency / or LTE transmission operating frequency / or LTE transmission operating frequen | transfer rate | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------|-----------------------------|
| - with downlink / maximum | transfer rate | |
| - with uplink / maximum 5.76 Mbit/s intorfaces number of interfaces / according to Industrial Ethernet 0 number of electrical connections • for external antenna(s) 1 • for power supply 1 number of slots • for SiM cards 1 type of electrical connection 6 • for external antenna(s) 5 • for SiM cards 1 type of wireless service / is supported 6 • SMA socket (50 ohms) 7 • for power supply 3-pole terminal block 9 slot version 7 • for SiM card 5 * Standard 6 **Ves 6 • CPRS Yes 6 • CPRS Yes 6 • UMTS Yes 9 • OM Hitz, 1800 MHz, 1800 MHz 9 • UMTS Yes 9 • OM Hitz, 1800 MHz, 1800 MHz 9 • UMTS Yes 9 • OM Hitz, 1800 MHz, 1800 MHz 9 • OM Hitz, 1800 MHz, 1800 MHz 9 • OM Hitz, 1800 MHz 9 | for LTE transmission | |
| number of interfaces / according to Industrial Ethernet 0 number of electrical connections • for external antenna(s) 1 • for power supply 1 number of slots • for external antenna(s) 1 type of electrical connection • for external antenna(s) 1 type of electrical connection • for external antenna(s) 1 type of electrical connection • for power supply 3-pole terminal block slot version • for power supply 3-pole terminal block slot version • for SIM card Standard wireless technology type of mobile wireless service / is supported • SMS Yes • GPRS Yes • GPRS Yes • GPRS Yes • UMTS • UMTS • LTE operating frequency / for GSM transmission 900 MHz, 1800 MHz operating frequency / with UMTS transmission 900 MHz, 1800 MHz operating frequency / for LTE transmission 900 MHz, 1800 MHz, 2600 MHz supply voltage, current consumption, power loss type of voltage / external supply voltage DC supply voltage / external 1 at DC / rated value 24 V relative negative tolerance / at DC / at 24 V / 20 % relative negative tolerance / at DC / at 24 V / Individual of the power in the consumption of the supply voltage / external supply voltage / at DC / at 24 V / 20 % relative negative tolerance / at DC / at 24 V / Individual of the consumption | — with downlink / maximum | 42 Mbit/s |
| number of interfaces / according to Industrial Ethernet number of electrical connections | — with uplink / maximum | 5.76 Mbit/s |
| number of electrical connections • for external antenna(s) • for power supply 1 number of slots • for SIM cards 1 type of electrical connection • for external antenna(s) • for power supply 3-pole terminal block slot version • for power supply type of mobile wireless service / is supported • SMS • GPRS • GPRS • GPRS (Multislot Class 10) type of wireless network / is supported • SSM • UMTS • UMTS • LTE operating frequency / for GSM transmission operating frequency / with UMTS transmission operating frequency / for LTE transmission supply voltage / current consumption, power loss type of voltage / current consumption, power loss type of voltage / external / at DC / at 24 V / relative negative loterance / at DC / at 24 V / typical • from external supply voltage / at DC / at 24 V / typical • from external supply voltage / at DC / at 24 V / typical • from external supply voltage / at DC / at 24 V / typical • from external supply voltage / at DC / at 24 V / typical • from external supply voltage / at DC / at 24 V / typical • from external supply voltage / at DC / at 24 V / typical • from external supply voltage / at DC / at 24 V / typical • from external supply voltage / at DC / at 24 V / typical • from external supply voltage / at DC / at 24 V / typical • from external supply voltage / at DC / at 24 V / typical • from external supply voltage / at DC / at 24 V / typical • from external supply voltage / at DC / at 24 V / typical • from external supply voltage / at DC / at 24 V / typical • from external supply voltage / at DC / at 24 V / typical • from external supply voltage / at DC / at 24 V / typical • from external supply voltage / at DC / at 24 V / typical | interfaces | |
| • for external antenna(s) • for power supply number of slots • for SIM cards 1 type of electrical connection • for external antenna(s) • for sexternal antenna(s) • for power supply 3-pole terminal block stot version • for SIM card • standard wireless technology type of mobile wireless service / is supported • SMS • GPRS • GPRS • GPRS • GPRS • GPRS • Uses • GPRS (Multislot Class 10) type of wireless network / is supported • GSM • UNITS • Ves • LTE • Ves • LTE • Ves • LTE • Operating frequency / for GSM transmission • operating frequency / for LTE transmission • operating frequency / for LTE transmission • good MHz, 2100 MHz coperating frequency / for the supply voltage supply voltage / of the supply voltage supply voltage / external supply voltage / external 24 V relative positive tolerance / at DC / at 24 V / typical • from external supply voltage / at DC / at 24 V / maximum • from external supply voltage / at DC / at 24 V / maximum • from external supply voltage / at DC / at 24 V / maximum • from external supply voltage / at DC / at 24 V / maximum • from external supply voltage / at DC / at 24 V / maximum • from external supply voltage / at DC / at 24 V / maximum • from external supply voltage / at DC / at 24 V / maximum • from external supply voltage / at DC / at 24 V / maximum • from external supply voltage / at DC / at 24 V / maximum • from external supply voltage / at DC / at 24 V / maximum • form external supply voltage / at DC / at 24 V / maximum • form external supply voltage / at DC / at 24 V / maximum • form external supply voltage / at DC / at 24 V / maximum • form external supply voltage / at DC / at 24 V / maximum • form external supply voltage / at DC / at 24 V / maximum • form external supply voltage / at DC / at 24 V / maximum • form external supply voltage / at DC / at 24 V / maximum • form external supply voltage / at DC / at 24 V / maximum • form external supply voltage / at DC / at 24 V / ma | number of interfaces / according to Industrial Ethernet | 0 |
| • for power supply number of slots • for SIM cards 1 type of electrical connection • for external antenna(s) • for power supply 3-pole terminal block slot version • for SIM card viroless technology type of mobile wireless service / is supported • SMS • GPRS • Mathias of wireless network / is supported • SMM • UNITS • LTE • Operating frequency / for GSM transmission • operating frequency / for LTE transmission • operating frequency / for LTE transmission • operating frequency / for LTE transmission • operating frequency / for the supply voltage supply voltage / othe supply voltage supply voltage / external • Z4 V supply voltage / external • from external supply voltage / at DC / at 24 V / typical • from external supply voltage / at DC / at 24 V / typical • from external supply voltage / at DC / at 24 V / maximum • from external supply voltage / at DC / at 24 V / maximum • from external supply voltage / at DC / at 24 V / maximum • from external supply voltage / at DC / at 24 V / maximum • from external supply voltage / at DC / at 24 V / maximum • from external supply voltage / at DC / at 24 V / maximum • from external supply voltage / at DC / at 24 V / maximum • from external supply voltage / at DC / at 24 V / maximum • from external supply voltage / at DC / at 24 V / maximum • from external supply voltage / at DC / at 24 V / maximum • from external supply voltage / at DC / at 24 V / maximum • from external supply voltage / at DC / at 24 V / maximum • from external supply voltage / at DC / at 24 V / maximum • from external supply voltage / at DC / at 24 V / maximum • from external supply voltage / at DC / at 24 V / maximum • from external supply voltage / at DC / at 24 V / maximum • from external supply voltage / at DC / at 24 V / maximum • from external supply voltage / at DC / at 24 V / maximum • from external supply voltage / at DC / at 24 V / maximum • from external supply voltage / at DC / at 24 V / maximum • from external supply voltage / at DC / at 24 V / maxim | number of electrical connections | |
| number of slots Itype of electrical connection for external antenna(s) for power supply slot version for SIM card Standard Wireless technology type of mobile wireless service / is supported SIMS GPRS GPRS GPRS Hyes GPRS (Multislot Class 10) type of wireless network / is supported GRSM UMTS LTE Yes LTE Yes Operating frequency / for GSM transmission Operating frequency / with UMTS transmission Operating frequency / for LTE transmission Operating frequency / for Vitage / operating frequency / for Vitage / operating / operati | for external antenna(s) | 1 |
| type of electrical connection • for external antenna(s) • for power supply 3-pole terminal block slot version • for SIM card vireless technology type of mobile wireless service / is supported • SMS • GPRS • GPRS • GPRS • GPRS (Multislot Class 10) type of wireless network / is supported • SSM • UMTS • LTE operating frequency / for GSM transmission operating frequency / vith UMTS transmission operating frequency / for LTE transmission operating frequency / for LTE transmission operating frequency of voltage / of the supply voltage supply voltage / external / at DC / rated value relative positive tolerance / at DC / at 24 V / typical • from external supply voltage / at DC / at 24 V / typical • from external supply voltage / at DC / at 24 V / typical • from external supply voltage / at DC / at 24 V / typical • from external supply voltage / at DC / at 24 V / typical • from external supply voltage / at DC / at 24 V / typical • from external supply voltage / at DC / at 24 V / maximum 9.22 A | • for power supply | 1 |
| type of electrical connection | number of slots | |
| • for external antenna(s) • for power supply 3-pole terminal block slot version • for SIM card **Vireless technology Type of mobile wireless service / is supported • SMS • GPRS • GPRS • GPRS • GPRS • GPRS • GPRS • LTE operating frequency / for GSM transmission operating frequency / with UMTS transmission operating frequency / virth UMTS transmission Operating frequency / for LTE transmission Operating frequency / or LTE transmission Operating frequency / or LTE transmission Operating frequency / for LTE transmission Operating frequ | • for SIM cards | 1 |
| | type of electrical connection | |
| slot version • for SIM card wireless technology type of mobile wireless service / is supported • SMS • GPRS • GPRS • GPRS (Multislot Class 10) type of wireless network / is supported • GSM • UMTS • LTE • LTE operating frequency / for GSM transmission operating frequency / with UMTS transmission operating frequency / with UMTS transmission operating frequency / with UMTS transmission operating frequency / for LTE transmission but deplay to the supply voltage of the supply voltage type of voltage / of the supply voltage supply voltage / external | for external antenna(s) | SMA socket (50 ohms) |
| for SIM card wireless technology type of mobile wireless service / is supported SMS SMS GPRS Yes GPRS Yes GPRS (Multislot Class 10) type of wireless network / is supported | • for power supply | 3-pole terminal block |
| type of mobile wireless service / is supported SMS GPRS GPRS GPRS Yes GPRS (Multislot Class 10) type of wireless network / is supported GSM GSM UMTS UMTS LTE Operating frequency / for GSM transmission Operating frequency / with UMTS transmission Operating frequency / for LTE trans | slot version | |
| type of mobile wireless service / is supported SMS GPRS GPRS GPRS Yes GPRS (Multislot Class 10) type of wireless network / is supported GRSM SUMTS LTE OPERATING TREQUENCY / for GSM transmission OPERATING TREQUENCY / with UMTS transmission OPERATING TREQUENCY / with UMTS transmission OPERATING TREQUENCY / for LTE transmission OPERATING TREATING TR | | Standard |
| SMS GPRS GPRS Yes GPRS (Multislot Class 10) type of wireless network / is supported GSM GSM Ves UMTS FITE Operating frequency / for GSM transmission Operating frequency / for LTE transmission Ope | wireless technology | |
| ● GPRS ● GPRS (Multislot Class 10) type of wireless network / is supported ● GSM ● UMTS ● LTE ● Yes ● LTE Operating frequency / for GSM transmission Operating frequency / with UMTS transmission Operating frequency / with UMTS transmission Operating frequency / for LTE transmission Operating frequency / with UMTS with UMTS operation of the Supply Operation of UMTS with | type of mobile wireless service / is supported | |
| GPRS (Multislot Class 10) type of wireless network / is supported GSM UMTS UMTS LTE Operating frequency / for GSM transmission Operating frequency / with UMTS transmission Operating frequency / with UMTS transmission Operating frequency / or LTE transmission Operating frequency / for LTE transmission Operating frequency / or LTE transmission Operating frequency / with UMTS transmission Operating frequency / or LTE transmission Operating | • SMS | Yes |
| type of wireless network / is supported GSM UMTS LTE Operating frequency / for GSM transmission operating frequency / with UMTS transmission operating frequency / with UMTS transmission operating frequency / for LTE transmission operating frequency / for LTE transmission operating frequency / for LTE transmission 800 MHz, 2100 MHz supply voltage, current consumption, power loss type of voltage / of the supply voltage DC supply voltage / external 24 V supply voltage / external / at DC / rated value relative positive tolerance / at DC / at 24 V consumed current • from external supply voltage / at DC / at 24 V / typical • from external supply voltage / at DC / at 24 V / maximum 0.22 A | • GPRS | Yes |
| GSM UMTS UMTS LTE Yes Operating frequency / for GSM transmission Operating frequency / with UMTS transmission Operating frequency / with UMTS transmission Operating frequency / for LTE transmission Operating frequency / for LTE transmission Operating frequency / for LTE transmission 800 MHz, 2100 MHz Operating frequency / for LTE transmission 800 MHz, 1800 MHz, 2600 MHz Supply voltage, current consumption, power loss type of voltage / of the supply voltage DC Supply voltage / external Supply voltage / external Supply voltage / external / at DC / rated value Supply voltage / external / at DC / rated value Supply voltage / external / at DC / at 24 V Supply voltage / at DC / at 24 V Supply voltage / at DC / at 24 V Operative negative tolerance / at DC / at 24 V / typical Operating frequency / for GSM transmission Operating freq | • | GPRS (Multislot Class 10) |
| ● LTE Operating frequency / for GSM transmission operating frequency / with UMTS transmission operating frequency / with UMTS transmission operating frequency / for LTE transmission operating frequency / for LTE transmission 800 MHz, 2100 MHz supply voltage, current consumption, power loss type of voltage / of the supply voltage DC supply voltage / external 24 V supply voltage / external / at DC / rated value relative positive tolerance / at DC / at 24 V relative negative tolerance / at DC / at 24 V consumed current ● from external supply voltage / at DC / at 24 V / typical ● from external supply voltage / at DC / at 24 V / maximum 0.22 A | type of wireless network / is supported | |
| operating frequency / for GSM transmission operating frequency / with UMTS transmission operating frequency / with UMTS transmission operating frequency / for LTE transmission 800 MHz, 2100 MHz operating frequency / for LTE transmission 800 MHz, 1800 MHz, 2600 MHz supply voltage, current consumption, power loss type of voltage / of the supply voltage DC supply voltage / external 24 V supply voltage / external / at DC / rated value 24 V relative positive tolerance / at DC / at 24 V consumed current of from external supply voltage / at DC / at 24 V / typical of from external supply voltage / at DC / at 24 V / maximum 0.22 A | • GSM | Yes |
| operating frequency / for GSM transmission operating frequency / with UMTS transmission operating frequency / for LTE transmission 800 MHz, 2100 MHz supply voltage, current consumption, power loss type of voltage / of the supply voltage supply voltage / external supply voltage / external supply voltage / external / at DC / rated value relative positive tolerance / at DC / at 24 V consumed current • from external supply voltage / at DC / at 24 V / typical • from external supply voltage / at DC / at 24 V / maximum 0.22 A | • UMTS | Yes |
| operating frequency / with UMTS transmission operating frequency / for LTE transmission 800 MHz, 2100 MHz supply voltage, current consumption, power loss type of voltage / of the supply voltage DC supply voltage / external 24 V supply voltage / external / at DC / rated value relative positive tolerance / at DC / at 24 V relative negative tolerance / at DC / at 24 V consumed current • from external supply voltage / at DC / at 24 V / typical • from external supply voltage / at DC / at 24 V / maximum 0.22 A | • LTE | Yes |
| operating frequency / for LTE transmission supply voltage, current consumption, power loss type of voltage / of the supply voltage supply voltage / external supply voltage / external / at DC / rated value relative positive tolerance / at DC / at 24 V relative negative tolerance / at DC / at 24 V consumed current • from external supply voltage / at DC / at 24 V / typical • from external supply voltage / at DC / at 24 V / maximum 0.22 A | operating frequency / for GSM transmission | 900 MHz, 1800 MHz |
| type of voltage / of the supply voltage supply voltage / external supply voltage / external / at DC / rated value relative positive tolerance / at DC / at 24 V relative negative tolerance / at DC / at 24 V consumed current • from external supply voltage / at DC / at 24 V / typical • from external supply voltage / at DC / at 24 V / maximum 0.22 A | operating frequency / with UMTS transmission | 900 MHz, 2100 MHz |
| type of voltage / of the supply voltage supply voltage / external supply voltage / external / at DC / rated value relative positive tolerance / at DC / at 24 V relative negative tolerance / at DC / at 24 V consumed current • from external supply voltage / at DC / at 24 V / typical • from external supply voltage / at DC / at 24 V / maximum 0.22 A | operating frequency / for LTE transmission | 800 MHz, 1800 MHz, 2600 MHz |
| supply voltage / external 24 V supply voltage / external / at DC / rated value 24 V relative positive tolerance / at DC / at 24 V 20 % relative negative tolerance / at DC / at 24 V 20 % consumed current • from external supply voltage / at DC / at 24 V / typical 0.1 A • from external supply voltage / at DC / at 24 V / maximum 0.22 A | supply voltage, current consumption, power loss | |
| supply voltage / external / at DC / rated value relative positive tolerance / at DC / at 24 V relative negative tolerance / at DC / at 24 V 20 % relative negative tolerance / at DC / at 24 V consumed current • from external supply voltage / at DC / at 24 V / typical • from external supply voltage / at DC / at 24 V / maximum 0.22 A | type of voltage / of the supply voltage | DC |
| relative positive tolerance / at DC / at 24 V relative negative tolerance / at DC / at 24 V consumed current • from external supply voltage / at DC / at 24 V / typical • from external supply voltage / at DC / at 24 V / maximum 0.22 A | supply voltage / external | 24 V |
| relative negative tolerance / at DC / at 24 V consumed current • from external supply voltage / at DC / at 24 V / typical • from external supply voltage / at DC / at 24 V / maximum 0.22 A | supply voltage / external / at DC / rated value | 24 V |
| consumed current • from external supply voltage / at DC / at 24 V / typical • from external supply voltage / at DC / at 24 V / maximum 0.22 A | relative positive tolerance / at DC / at 24 V | 20 % |
| from external supply voltage / at DC / at 24 V / typical from external supply voltage / at DC / at 24 V / maximum 0.22 A | relative negative tolerance / at DC / at 24 V | 20 % |
| • from external supply voltage / at DC / at 24 V / maximum 0.22 A | consumed current | |
| The state of the s | • from external supply voltage / at DC / at 24 V / typical | 0.1 A |
| ambient conditions | • from external supply voltage / at DC / at 24 V / maximum | 0.22 A |
| | | |

| | _ |
|-------------------------------------------------------------------------------|------------------------------------------------|
| ambient temperature | |
| for vertical installation / during operation | -20 +60 °C |
| for horizontally arranged busbars / during operation | -20 +70 °C |
| during storage | -40 +70 °C |
| during transport | -40 +70 °C |
| relative humidity | |
| • at 25 °C / without condensation / during operation / | 95 % |
| maximum | |
| protection class IP | IP20 |
| design, dimensions and weights | |
| module format | Compact module S7-1200 single width |
| width | 30 mm |
| height | 100 mm |
| depth | 75 mm |
| net weight | 0.133 kg |
| fastening method | |
| 35 mm DIN-rail mounting | Yes |
| • S7-300 rail mounting | No |
| wall mounting | Yes |
| product features, product functions, product components / ger | neral |
| number of units | |
| • per CPU / maximum | 3 |
| product functions / cloud connectivity | |
| protocol / is supported | |
| Message Queuing Telemetry Transport (MQTT) | Yes |
| Advanced Message Queuing Protocol (AMQP) | No |
| product function / for cloud connectivity | |
| trigger management | Yes |
| • time stamping | Yes |
| product feature / for cloud connectivity / buffered message | No |
| frame memory | |
| number of active connections / for cloud connectivity | 1 |
| number of data points per device / maximum | 500 |
| performance data | |
| number of users/telephone numbers / definable / maximum | 10 |
| performance data / open communication | |
| number of possible connections / for open communication | |
| by means of T blocks / maximum | like CPU |
| performance data / IT functions | |
| number of possible connections | |
| as email client / maximum | 1 |
| | <u>'</u> |
| performance data / telecontrol | |
| suitability for use | V |
| • substation | Yes |
| control center connection | Telecontrol Server Basic |
| by means of a permanent connection | supported |
| by means of demand-oriented connection | supported |
| • note | Connection to SCADA system using OPC interface |
| protocol / is supported | |
| • DNP3 | Yes |
| • IEC 60870-5 | Yes |
| product function / data buffering if connection is aborted | Yes; 64,000 events |
| number of stations / for direct communication / with Telecontrol Server Basic | |
| • in send direction / maximum | 3 |
| • in receive direction / maximum | 15 |
| performance data / teleservice | |
| diagnostics function / online diagnostics with SIMATIC STEP 7 | Yes |
| product function | |
| program download with SIMATIC STEP 7 | Yes |
| remote firmware update | Yes |
| · r · · · · | |

| product functions / management, configuration, engineering | |
|-------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| configuration software | |
| • required | STEP 7 Basic/Professional |
| product function / is supported / identification link | Yes; acc. to IEC 61406-1:2022 |
| product functions / diagnostics | |
| product function / web-based diagnostics | Yes |
| product functions / security | |
| firewall version | stateful inspection |
| product function / with VPN connection | IPsec, SINEMA RC |
| type of encryption algorithms / with VPN connection | AES-256, AES-192, AES-128, 3DES-168, DES-56 |
| type of authentication procedure / with VPN connection | Preshared key (PSK), X.509v3 certificates |
| type of hashing algorithms / with VPN connection | MD5, SHA-1 |
| number of possible connections / with VPN connection | 1 |
| product function | |
| password protection for teleservice access | Yes |
| encrypted data transmission | Yes |
| product functions / time | 165 |
| | |
| protocol / is supported | W |
| • NTP | Yes |
| time synchronization | |
| from control center | Yes |
| standards, specifications, approvals | |
| reference code | |
| • according to IEC 81346-2:2019 | KEC |
| standards, specifications, approvals / Environmental Product | Declaration |
| global warming potential [CO2 eq] | |
| • total | 180.78 kg |
| during manufacturing | 15.34 kg |
| during operation | 165.23 kg |
| after end of life | 0.21 kg |
| further information / internet links | |
| internet link | |
| • to website: Selection guide for cables and connectors | https://support.industry.siemens.com/cs/ww/en/view/109766358 |
| to web page: selection aid TIA Selection Tool | https://www.siemens.com/tstcloud |
| • to website: Industrial communication | https://www.siemens.com/simatic-net |
| • to web page: SiePortal | https://sieportal.siemens.com/ |
| to website: Image database | https://www.automation.siemens.com/bilddb |
| • to website: CAx-Download-Manager | https://siemens.com/cax |
| to website: Industry Online Support | https://support.industry.siemens.com |
| security information | |
| security information | Siemens provides products and solutions with industrial cybersecurity functions that support the secure operation of plants, systems, machines and networks. In order to protect plants, systems, machines and networks against cyber threats, it is necessary to implement – and continuously maintain – a holistic, state-of-the-art industrial cybersecurity concept. Siemens' products and solutions constitute one element of such a concept. Customers are responsible for preventing unauthorized access to their plants, systems, machines and networks. Such systems, machines and components should only be connected to an enterprise network or the internet if and to the extent such a connection is necessary and only when appropriate security measures (e.g. firewalls and/or network segmentation) are in place. For additional information on industrial cybersecurity measures that may be implemented, please visit www.siemens.com/cybersecurity-industry. Siemens' products and solutions undergo continuous development to make them more secure. Siemens strongly recommends that product updates are applied as soon as they are available and that the latest product versions are used. Use of product versions that are no longer supported, and failure to apply the latest updates may increase customer's exposure to cyber threats. To stay informed about product updates, subscribe to the Siemens Industrial Cybersecurity RSS Feed under https://www.siemens.com/cert. (V4.7) |
| Approvals / Certificates | |
| | For use in hazardous locations |



Declaration of Conformity









| For use in hazard- ous locations | Radio Equipment Type Approval Certi- ficate | Environment |
|-------------------------------------|---------------------------------------------------|--------------|
| CCC-Ex | Miscellaneous | Confirmation |
| | | |
| | | |
| last modified: | | 2/28/2025 🖸 |