SIEMENS

## Product data sheet 6GK7243-1EX01-0XE0

| Product-type designation | CP 243-1 |
|---|---|
|  | COMMUNICATIONSPROCESSOR CP243-1 FOR CONNECTING OF SIMATIC S7-22X TO INDUSTRIAL ETHERNET;<br>FTP CLIENT COMMUNICATION;<br>HTTP SERVER;<br>FTP SERVER;<br>E-MAIL CLIENT |
| **Transmission rate** | |
| Transfer rate / at the interface 1 | 10 … 100 Mbit/s |
| **Interfaces** | |
| Number of electrical connections | |
| • at interface 1 / in accordance with Industrial Ethernet | 1 |
| • for power supply | 1 |
| Design of the electrical connection | |
| • at interface 1 / in accordance with Industrial Ethernet | RJ45 port |
| **Supply voltage, current consumption, power loss** | |
| Type of voltage / of supply voltage | DC |
| Supply voltage | |
| • 1 / from backplane bus | 5 V |
| • external | 24 V |
| Consumed current / from backplane bus / at 5 V / for DC / Typical | 0.06 A |
| Consumed current / from external supply voltage / at 24 V / with DC | |
| • typical | 0.053 A |
| • maximum | 0.06 A |
| Resistive loss | 1.5 W |
| **Permitted ambient conditions** | |
| Ambient temperature | |


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| | |
|---|---|
| • for vertical installation | |
| • during operating phase | 0 … 45 °C |
| • for horizontal installation | |
| • during operating phase | 0 … 55 °C |
| • during storage | -40 … +70 °C |
| • during transport | -40 … +70 °C |
| Relative humidity / at 25 °C / without condensation / during operating / maximum | 95 % |
| Protection class IP | IP20 |
| **Design, dimensions and weight** | |
| Width | 71.2 mm |
| Height | 80 mm |
| Depth | 62 mm |
| Net weight | 0.15 kg |
| **Product properties, functions, components / general** | |
| Number of modules | |
| • per CPU / maximum | 1 |
| • note | - |
| **Performance data / S7 communication** | |
| Number of possible connections / for S7 communication | |
| • maximum | 8 |
| • with PG connections / maximum | 1 |
| • with PG/OP connections / maximum | 8 |
| **Performance data / IT functions** | |
| Number of possible connections | |
| • as client / by means of FTP / maximum | 1 |
| • as server / by means of HTTP / maximum | 4 |
| • as e-mail client / maximum | 1 |
| Number of e-mails with 1024 characters / of e-mail client / maximum | 32 |
| Number of access rights / access protections | 8 |
| Storage capacity / of user memory / as flash memory file system | 8 Mibyte |
| Number of possible write cycles / flash memory cells | 100000 |
| **Product functions / management, configuration** | |
| Product function / MIB support | No |
| Protocol / is supported / SNMP v1 | No |
| **Product functions / Diagnosis** | |
| Product function / Web-based diagnostics | Yes |
| **letzte Änderung:** | Jul 22, 2013 |


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