

**Product-type designation**

**CP 243-1IT**



SIMATIC NET,  
 CP 243-1IT COMMUNICATIONS PROCESSOR FOR  
 CONNECTION OF SIMATIC S7-22X TO INDUSTRIAL  
 ETHERNET FTP CLIENT COMMUNICATION,  
 HTTP SERVER,  
 FTP SERVER 8 MB FLASH FILE SYSTEM 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   | 0.06 A |
| Resistive loss  | 1.75 W |

**Permitted ambient conditions**

Ambient temperature

- for vertical installation

|  |                |
|--|----------------|
| <ul style="list-style-type: none"> <li>• during operating phase</li> </ul>       | 0 ... 45 °C    |
| <ul style="list-style-type: none"> <li>• for horizontal installation</li> </ul>  |                |
| <ul style="list-style-type: none"> <li>• during operating phase</li> </ul>       | 0 ... 55 °C    |
| <ul style="list-style-type: none"> <li>• during storage</li> </ul>               | -40 ... +70 °C |
| <ul style="list-style-type: none"> <li>• during transport</li> </ul>             | -40 ... +70 °C |
| Relative humidity / at 25 °C / without condensation / during operating / maximum | 95 %           |
| Protection class IP  | IP20           |

### Design, dimensions and weight

|               |                                    |
|---------------|------------------------------------|
| Module format | Compact module S7-200 double width |
| Width         | 71.2 mm                            |
| Height        | 80 mm                              |
| Depth         | 62 mm                              |
| Net weight    | 0.15 kg                            |

### Performance data / S7 communication

|   |   |
|---|---|
| Number of possible connections / for S7 communication                             |   |
| <ul style="list-style-type: none"> <li>• maximum</li> </ul>                       | 8 |
| <ul style="list-style-type: none"> <li>• with PG connections / maximum</li> </ul> | 1 |

### Performance data / IT functions

|  |          |
|--|----------|
| Number of possible connections   |          |
| <ul style="list-style-type: none"> <li>• as client / by means of FTP / maximum</li> </ul>  | 1        |
| <ul style="list-style-type: none"> <li>• as server / by means of HTTP / maximum</li> </ul> | 4        |
| <ul style="list-style-type: none"> <li>• as e-mail client / maximum</li> </ul>             | 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:** Dec 30, 2013