

Product type designation

CP 243-1



COMMUNICATIONSPROCESSOR CP243-1 FOR
CONNECTING OF SIMATIC S7-22X TO INDUSTRIAL
ETHERNET;
FTP CLIENT COMMUNICATION;
HTTP SERVER;
FTP SERVER;
E-MAIL CLIENT

Transmission rate

Transfer rate

- at the 1st interface 10 ... 100 Mbit/s

Interfaces

Number of interfaces / acc. to Industrial Ethernet

1

- at the 1st interface / acc. to Industrial Ethernet

1

- for power supply

1

Design of the electrical connection

- at the 1st interface / acc. to Industrial Ethernet

RJ45 port

- for power supply

3-pole terminal block

Supply voltage, current consumption, power loss

Type of voltage / of the supply voltage

DC

Supply voltage / 1 / from backplane bus

5 V

Supply voltage / external

24 V

Relative positive tolerance / for DC / at 24 V

20 %

Relative negative tolerance / for DC / at 24 V

15 %

Consumed current

- from backplane bus / for DC / at 5 V / typical

0.06 A

- from external supply voltage / for DC / at 24 V

- typical

0.053 A

• maximum	0.06 A
Active power loss	1.5 W
Permitted ambient conditions	
Ambient temperature	
• for vertical installation / during operation	0 ... 45 °C
• for horizontally arranged busbars / during operation	0 ... 55 °C
• during storage	-40 ... +70 °C
• during transport	-40 ... +70 °C
Relative humidity / at 25 °C / without condensation / during operation / 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
Product properties, functions, components / general	
Number of units	
• 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 emails with 1024 characters / of email client / maximum	32
Number of access authorizations / of access protection	8
Storage capacity / of the user memory	
• as flash memory file system	8 Mibyte
Number of possible write cycles / of the flash memory cells	100000
Performance data / telecontrol	
Protocol / is supported	
• TCP/IP	Yes

Product functions / management, configuration	
Product function / MIB support	No
Protocol / is supported	No
• SNMP v1	
Configuration software	STEP 7-Micro/WIN Version V4.0 SP8 or higher
• required	
Product functions / Diagnosis	
Product function / Web-based diagnostics	Yes
Product functions / switch	
Product feature / Switch	No
Further Information / Internet Links	
Internet-Link	<div>http://www.siemens.com/snst</div> <div>https://mall.industry.siemens.com</div> <div>http://www.siemens.com/simatic-net</div> <div>http://www.siemens.com/automation/net/catalog</div> <div>http://automation.siemens.com/bilddb</div> <div>http://www.siemens.com/cax</div> <div>http://support.automation.siemens.com</div>
• to website: Selector SIMATIC NET SELECTION TOOL	
• to website: Industry Mall	
• to website: Industrial communication	
• to website: Information and Download Center	
• to website: Image database	
• to website: CAx Download Manager	
• to website: Industry Online Support	
Security information	
Security information	Siemens provides products and solutions with industrial security functions that support the secure operation of plants, solutions, machines, equipment and/or networks. They are important components in a holistic industrial security concept. With this in mind, Siemens' products and solutions undergo continuous development. Siemens recommends strongly that you regularly check for product updates. For the secure operation of Siemens products and solutions, it is necessary to take suitable preventive action (e.g. cell protection concept) and integrate each component into a holistic, state-of-the-art industrial security concept. Third-party products that may be in use should also be considered. For more information about industrial security, visit http://www.siemens.com/industrialsecurity . To stay informed about product updates as they occur, sign up for a product-specific newsletter. For more information, visit http://support.automation.siemens.com . (V3.4)

letzte Änderung:

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