

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 interface 1

10 ... 100 Mbit/s

Interfaces

Number of electrical connections

- at interface 1 / in accordance with Industrial Ethernet
- for power supply

1
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
- external

5 V
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
- maximum

0.053 A
0.06 A

Resistive loss

1.5 W

Permitted ambient conditions

Ambient temperature

<ul style="list-style-type: none"> • for vertical installation <ul style="list-style-type: none"> • during operating phase • for horizontal installation <ul style="list-style-type: none"> • during operating phase • during storage • during transport 	0 ... 45 °C 0 ... 55 °C -40 ... +70 °C -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 <ul style="list-style-type: none"> • per CPU / maximum • note 	1 -
Performance data / S7 communication	
Number of possible connections / for S7 communication <ul style="list-style-type: none"> • maximum • with PG connections / maximum • with PG/OP connections / maximum 	8 1 8
Performance data / IT functions	
Number of possible connections <ul style="list-style-type: none"> • as client / by means of FTP / maximum • as server / by means of HTTP / maximum • as e-mail client / maximum 	1 4 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
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