



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	
<ul style="list-style-type: none"> • at interface 1 / in accordance with Industrial Ethernet 	1
<ul style="list-style-type: none"> • for power supply 	1

Supply voltage, current consumption, power loss

Type of voltage / of supply voltage	DC
Supply voltage	
<ul style="list-style-type: none"> • 1 / from backplane bus 	5 V
<ul style="list-style-type: none"> • external 	24 V
Consumed current / from external supply voltage / at 24 V / with DC	
<ul style="list-style-type: none"> • typical 	0.053 A
<ul style="list-style-type: none"> • maximum 	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 	0 ... 45 °C
<ul style="list-style-type: none"> • for horizontal installation <ul style="list-style-type: none"> • during operating phase 	0 ... 55 °C

<ul style="list-style-type: none"> during storage 	-40 ... +70 °C
<ul style="list-style-type: none"> during transport 	-40 ... +70 °C
Relative humidity	
<ul style="list-style-type: none"> 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 	1
Performance data / S7 communication	
Number of possible connections / for S7 communication	
<ul style="list-style-type: none"> maximum 	8
<ul style="list-style-type: none"> with PG connections / maximum 	1
<ul style="list-style-type: none"> with PG/OP connections / maximum 	8
Performance data / IT functions	
Number of possible connections	
<ul style="list-style-type: none"> as client / by means of FTP / maximum 	1
<ul style="list-style-type: none"> as server / by means of HTTP / maximum 	4
<ul style="list-style-type: none"> 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
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