



\*\*\*\*\* spare part \*\*\*\*\* communications processor CP 243-1 for connection of SIMATIC S7-22X to Industrial Ethernet; FTP client communication; HTTP server; FTP server; Email client

transfer rate	
transfer rate	
<ul style="list-style-type: none"> <li>at the 1st interface</li> </ul>	10 ... 100 Mbit/s
interfaces	
number of interfaces / acc. to Industrial Ethernet	1
number of electrical connections	
<ul style="list-style-type: none"> <li>at the 1st interface / acc. to Industrial Ethernet</li> </ul>	1
<ul style="list-style-type: none"> <li>for power supply</li> </ul>	1
type of electrical connection	
<ul style="list-style-type: none"> <li>at the 1st interface / acc. to Industrial Ethernet</li> </ul>	RJ45 port
type of electrical connection	
<ul style="list-style-type: none"> <li>for power supply</li> </ul>	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
supply voltage / external / at DC / rated value	24 V
relative positive tolerance / at DC / at 24 V	20 %
relative negative tolerance / at DC / at 24 V	15 %
consumed current	
<ul style="list-style-type: none"> <li>from backplane bus / at DC / at 5 V / typical</li> </ul>	0.06 A
<ul style="list-style-type: none"> <li>from external supply voltage / at DC / at 24 V / typical</li> </ul>	0.053 A
<ul style="list-style-type: none"> <li>from external supply voltage / at DC / at 24 V / maximum</li> </ul>	0.06 A
power loss [W]	1.5 W
ambient conditions	
ambient temperature	
<ul style="list-style-type: none"> <li>for vertical installation / during operation</li> </ul>	0 ... 45 °C
<ul style="list-style-type: none"> <li>for horizontally arranged busbars / during operation</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	
<ul style="list-style-type: none"> <li>at 25 °C / without condensation / during operation / maximum</li> </ul>	95 %
protection class IP	IP20
design, dimensions and weights	
module format	Compact module S7-200 double width

width	71.2 mm
height	80 mm
depth	62 mm
net weight	0.15 kg
<b>product features, product functions, product components / general</b>	
number of units	1
• per CPU / maximum	1
• note	-
<b>performance data / S7 communication</b>	
number of possible connections / for S7 communication	8
• maximum	8
• with PG connections / maximum	1
• with PG/OP connections / maximum	8
<b>performance data / IT functions</b>	
number of possible connections	1
• as client / by means of FTP / maximum	1
number of possible connections	4
• as server / by means of HTTP / maximum	4
• as email 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	8 Mibyte
• as flash memory file system	8 Mibyte
number of possible write cycles / of the flash memory cells	100000
<b>performance data / telecontrol</b>	
protocol / is supported	Yes
• TCP/IP	Yes
<b>product functions / management, configuration, engineering</b>	
product function / MIB support	No
protocol / is supported	No
• SNMP v1	No
configuration software	STEP 7-Micro/WIN Version V4.0 SP8 or higher
• required	STEP 7-Micro/WIN Version V4.0 SP8 or higher
<b>product functions / diagnostics</b>	
product function / web-based diagnostics	Yes
<b>product functions / switch</b>	
product feature / switch	No
<b>further information / internet-Links</b>	
Internet-Link	
• to website: Industrial communication	<a href="http://www.siemens.com/simatic-net">http://www.siemens.com/simatic-net</a>
• to website: Industry Mall	<a href="https://mall.industry.siemens.com">https://mall.industry.siemens.com</a>
• to website: Information and Download Center	<a href="http://www.siemens.com/industry/infocenter">http://www.siemens.com/industry/infocenter</a>
• to website: Image database	<a href="http://automation.siemens.com/bilddb">http://automation.siemens.com/bilddb</a>
• to website: CAx-Download-Manager	<a href="http://www.siemens.com/cax">http://www.siemens.com/cax</a>
• to website: Industry Online Support	<a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a>
<b>security information</b>	
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