

SIMATIC S7-200 CP 243-1

Product Data Sheet

6GK7243-1EX01-0XE0

Industrial Ethernet communication processor

ETHERNET INTERFACES	TRANSMISSION RATE	BACKPLANE SUPPLY VOLTAGE	BACKPLANE CURRENT
1 RJ45	10/100 Mbps	5 V DC	0.06 A

Siemens 6GK7243-1EX01-0XE0 is a CP 243-1 communication processor for compatible SIMATIC S7-200 controllers. It provides an Industrial Ethernet connection for controller communication and the documented information-technology services.

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VERIFIED TECHNICAL DATA

Ethernet interfaces	1 RJ45
Transmission rate	10/100 Mbps
Backplane supply voltage	5 V DC
Backplane current	0.06 A
External supply voltage	24 V DC
Typical external current	0.053 A
Maximum external current	0.06 A
Power loss	1.5 W
Maximum CP modules per CPU	1
Vertical operating temperature	0 to +45 deg C

ADDITIONAL PRODUCT DATA

Horizontal operating temperature	0 to +55 deg C
Storage temperature	-40 to +70 deg C
Maximum relative humidity	95%, non-condensing
Ingress protection	IP20
Network services	FTP client/server, HTTP server, email client

DOCUMENTED USE SETTINGS

Chemical Manufacturing and Industrial Processing: Industrial Chemical Manufacturing.

Industrial Manufacturing and Automated Production: Discrete Manufacturing and Assembly.

Food Manufacturing and Beverage Production: Food Processing and Production.

SYSTEM COMPATIBILITY

6GK7243-1EX01-0XE0 belongs to the SIMATIC S7-200 CP 243-1 family and provides the documented industrial ethernet communication processor function. Documented ethernet interfaces: 1 RJ45; match this characteristic to the connected equipment and the project configuration.

PRODUCT EVIDENCE

Siemens SIMATIC S7-200 CP 243-1 manufacturer documentation; applicable pages 1, 2

AMIKON PRODUCT SUPPORT

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