

SIMATIC S7-200 CP243-1

# Product Data Sheet

**6GK7243-1EX00-0XE0**

Industrial Ethernet Communication Processor

|                  |                     |                       |                  |
|------------------|---------------------|-----------------------|------------------|
| ETHERNET SPEED   | ETHERNET CONNECTION | EXTERNAL RATED SUPPLY | SUPPLY TOLERANCE |
| 10 to 100 Mbit/s | 1 RJ45 port         | 24 V DC               | -15% / +20%      |

Siemens 6GK7243-1EX00-0XE0 is an industrial ethernet communication processor in the SIMATIC S7-200 CP243-1 range. It is used for connecting S7-22x controllers to Industrial Ethernet in compatible industrial automation projects.

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## VERIFIED TECHNICAL DATA

|                                 |                                    |
|---------------------------------|------------------------------------|
| Ethernet speed                  | 10 to 100 Mbit/s                   |
| Ethernet connection             | 1 RJ45 port                        |
| External rated supply           | 24 V DC                            |
| Supply tolerance                | -15% / +20%                        |
| Typical backplane current       | 60 mA at 5 V DC                    |
| Typical external supply current | 60 mA at 24 V DC                   |
| Power dissipation               | 1.75 W                             |
| S7 communication connections    | 8 maximum                          |
| PG connection limit             | 1                                  |
| Configuration software          | STEP 7-Micro/WIN V3.2 SP1 or later |

## ADDITIONAL PRODUCT DATA

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|                              |                             |
|------------------------------|-----------------------------|
| Horizontal operating ambient | 0 to 55 deg C               |
| Vertical operating ambient   | 0 to 45 deg C               |
| Storage temperature          | -40 to 70 deg C             |
| Permitted relative humidity  | 95% maximum, non-condensing |
| Enclosure protection         | IP20                        |

## DOCUMENTED USE SETTINGS

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Industrial Assembly and Component Production: Industrial Component Manufacturing Processes.

Packaging Production and Material Converting: Industrial Packaging Process Automation.

Water Supply and Municipal Wastewater Treatment: Drinking Water Treatment Processes.

## SYSTEM COMPATIBILITY

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Integrate 6GK7243-1EX00-0XE0 only in the documented SIMATIC S7-200 CP243-1 configuration. Match the installed interfaces and the engineered application before selecting this industrial ethernet communication processor.

## PRODUCT EVIDENCE

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Siemens 6GK7243-1EX00-0XE0 product technical data; pages 1, 2, 3

AMIKON PRODUCT SUPPORT

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