

SIMATIC ET 200SP CP 1542SP-1

Product Data Sheet

6GK7542-6UX00-0XE0

Industrial Ethernet communication processor

TRANSMISSION RATE 10/100 Mbps	ETHERNET CONNECTIONS 2 via ET 200SP BusAdapter	SUPPLY VOLTAGE RANGE 19.2 to 28.8 V DC	POWER LOSS 6 W
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Siemens 6GK7542-6UX00-0XE0 is a CP 1542SP-1 communication processor for SIMATIC ET 200SP controller configurations. It provides an additional Industrial Ethernet connection for open communication, programming access and supported S7 services.

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VERIFIED TECHNICAL DATA

Transmission rate	10/100 Mbps
Ethernet connections	2 via ET 200SP BusAdapter
Supply voltage range	19.2 to 28.8 V DC
Power loss	6 W
Maximum CP modules per CPU	2
Maximum open connections	32
Maximum ISO-on-TCP payload	65536 bytes
Maximum S7 connections	16
Maximum active multiprotocol connections	32
Minimum engineering version	STEP 7 Professional V14

ADDITIONAL PRODUCT DATA

Network management protocol	SNMP v1
Horizontal operating temperature	-30 to +60 deg C
Vertical operating temperature	-30 to +50 deg C
Storage temperature	-40 to +70 deg C
Ingress protection	IP20

DOCUMENTED USE SETTINGS

Industrial Manufacturing and Automated Production: Discrete Manufacturing and Assembly.

Food Manufacturing and Beverage Production: Food Processing and Production.

Chemical Manufacturing and Industrial Processing: Industrial Chemical Manufacturing.

SYSTEM COMPATIBILITY

6GK7542-6UX00-0XE0 belongs to the SIMATIC ET 200SP CP 1542SP-1 family and provides the documented industrial ethernet communication processor function. Documented transmission rate: 10/100 Mbps; match this characteristic to the connected equipment and the project configuration.

PRODUCT EVIDENCE

Siemens SIMATIC ET 200SP CP 1542SP-1 manufacturer documentation; applicable pages 1, 2