

OFFICIAL PRODUCT DATA

Data Sheet

6GK7343-1EX21-0XE0

PRODUCT DESCRIPTION

CP 343-1 Industrial Ethernet communication processor

Siemens CP 343-1 links a SIMATIC S7-300 station to Industrial Ethernet and provides configured controller, transport and diagnostic services.

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VERIFIED PRODUCT IDENTITY

Manufacturer	Siemens
Article number	6GK7343-1EX21-0XE0
Product description	CP 343-1 Industrial Ethernet communication processor

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DOCUMENT BASIS

Technical values are transcribed from the Siemens official Data Sheet for article 6GK7343-1EX21-0XE0. Values apply to this exact article number unless the source states a family-level condition.

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TECHNICAL DATA

Product designation	CP 343-1
Controller platform	SIMATIC S7-300
Network interface	1 x RJ45 Industrial Ethernet
Ethernet rate	10/100 Mbit/s
PROFINET function	IO Controller
Transport protocols	ISO, TCP/IP and UDP
SEND/RECEIVE connections	16 maximum
S7 connections	16 maximum
Active multiprotocol connections	32 maximum
Rated supply	24 V DC external
Typical current	0.20 A
Power loss	5.8 W
Operating temperature	0 to +60 deg C
Protection degree	IP20
Dimensions (W x H x D)	80 x 125 x 120 mm

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DOCUMENTED FUNCTIONS

- PROFINET IO controller communication
- S7 communication across Industrial Ethernet
- SEND/RECEIVE data transfer with RFC 1006
- Fetch/write services for configured partners
- Network clock synchronization and module diagnostics