

SIMATIC S7-300 COMMUNICATION PROCESSORS

Product Data Sheet

6GK7343-1EX30-0XE0

CP 343-1 Industrial Ethernet processor

FUNCTION	FAMILY	ORIGIN	WEIGHT
CP 343-1 Industrial Ethernet processor	SIMATIC S7-300 communication proces	Germany	Confirm before dispatch

Siemens Simatic Net 6GK7343-1EX30-0XE0 is a CP 343-1 Industrial Ethernet processor for the SIMATIC S7-300 communication processors. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Exact Article Code	6GK7343-1EX30-0XE0
Product Class	Cp 343-1 Industrial Ethernet Processor
Product Family	SIMATIC S7-300 communication processors
Ethernet Rate	10/100 Mbit/s
Network Standard	IEEE 802.3 / PROFINET
Supply Voltage	24 V DC
Redundancy	MRP or rapid spanning tree
Diagnostics	SNMP and web management
Configuration	STEP 7 / Primary Setup Tool
Alarm Contact	Floating signaling contact

ADDITIONAL PRODUCT DATA

Mounting	DIN rail / S7 rail
Protection Class	IP20 or industrial enclosure
Operating Temperature	0 to +60 °C class

OFFICIAL APPLICATIONS

- Sequence treatment-area fiber ring during single-link interruption: Inside the managed switches and process-area controllers, 6GK7343-1EX30-0XE0 supports the configured automation role as a CP 343-1 Industrial Ethernet processor. During single-link interruption, the system uses this function to move process traffic over the remaining network path, helping it keep the treatment process visible during the link event.
- Route machine-data collection during diagnostic polling: Within the machine gateways and production databases, 6GK7343-1EX30-0XE0 provides its specified system function as a CP 343-1 Industrial Ethernet processor. During diagnostic polling, the system uses this function to separate production data from time-critical control messages, helping it deliver operating records without disturbing control traffic.
- Support cold-storage connectivity with Cp 343: At the control layer of the refrigeration controllers and supervisory stations, 6GK7343-1EX30-0XE0 operates in its approved product-family role as a CP 343-1 Industrial Ethernet processor. During refrigeration duty change, the system uses this function to maintain controller and monitoring communication across the utility network, helping it preserve visibility of temperatures and equipment states.

SYSTEM COMPATIBILITY

Match 6GK7343-1EX30-0XE0 to the installed SIMATIC S7-300 communication processors, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Siemens official product documentation and manufacturer catalog](#)

<https://mall.industry.siemens.com/mall/en/WW/Catalog/Product/6GK7343-1EX30-0XE0>

AMIKON PRODUCT SUPPORT

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