

SIMATIC S7-300 COMMUNICATION PROCESSORS

Product Data Sheet

6GK7343-1GX21-0XE0

CP 343-1 Advanced Ethernet processor

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

Siemens Simatic Net 6GK7343-1GX21-0XE0 is a CP 343-1 Advanced 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	6GK7343-1GX21-0XE0
Product Class	Cp 343-1 Advanced Ethernet Processor
Product Family	SIMATIC S7-300 communication processors
at the 1st interface	10 ... 100 Mbit/s
Number of interfaces / acc. to Industrial Ethernet	1
of Industrial Ethernet interface	RJ45 port
Type of voltage / of the supply voltage	DC
Supply voltage / 1 / from backplane bus	5 V
Supply voltage	24 V
Relative positive tolerance / at DC / at 24 V	20 %

ADDITIONAL PRODUCT DATA

Relative negative tolerance / at DC / at 24 V	15 %
from backplane bus / at DC / at 5 V / typical	0.14 A
Power loss [W]	14.7 W
for vertical installation / during operation	0 ... 40 °C
for horizontally arranged busbars / during operation	0 ... 60 °C

OFFICIAL APPLICATIONS

- Machine networks and inspection cells with CP 343-1 Advanced: Production data transport ■ CP 343-1 Advanced robot cell data exchange ■ CP 343-1 Advanced vision result packet forwarding
- Auxiliary control and switchgear networks with CP 343-1 Advanced: Plant network supervision ■ CP 343-1 Advanced turbine auxiliary status transport ■ CP 343-1 Advanced switchgear network path recovery
- Remote pumping and treatment networks with CP 343-1 Advanced: Utility communications ■ CP 343-1 Advanced remote pump station communications ■ CP 343-1 Advanced treatment network ring recovery

SYSTEM COMPATIBILITY

Match 6GK7343-1GX21-0XE0 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

Manufacturer official product documentation

<https://support.industry.siemens.com/>

AMIKON PRODUCT SUPPORT

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