

SIEMENS SIMATIC S7-300

Communications Processor CP 343-1 — 6GK7343-1EX30-0XE0

Product Description: Communications processor CP 343-1 for connecting SIMATIC S7-300 to Industrial Ethernet via PROFINET IO Controller/Device, integrated 2-port real-time switch (2 x RJ45, 10/100 Mbit/s), S7 communication, TCP/IP, UDP, open IE communication, and web diagnostics.

General Specifications

Manufacturer	Siemens
Product Family	SIMATIC S7-300
Module Type	CP 343-1 Communications Processor
Order Number (MPN)	6GK7343-1EX30-0XE0
Product Status	Available / Standard Product

Technical Specifications

Interface Type	Industrial Ethernet / PROFINET
Number of Interfaces / Ports	2 Ports (2 x RJ45)
Transfer Rate	10 / 100 Mbit/s (Autonegotiation / Autocrossover)
Integrated Switch	2-port ERTEC real-time switch
Supported Protocols	PROFINET IO, S7 Communication, TCP/IP, UDP, HTTP/HTTPS
PROFINET IO Functions	IO Controller / IO Device
Diagnostics	LED status display, Web-based management, STEP 7 / TIA Portal
Supply Voltage	24 V DC
Current Consumption	0.16 A (typical)

Dimensions & Mechanical Data

Width	40 mm
Height	125 mm

Depth	110 mm
Net Weight	Approx. 0.22 kg