

SIMATIC S7-300 CP 342-5

Product Data Sheet

6GK7342-5DA02-0XE0

PROFIBUS communication processor

PROFIBUS INTERFACE	PROFIBUS TRANSMISSION RATES	EXTERNAL SUPPLY RANGE	5 V BACKPLANE CONSUMPTION
1 RS485, 9-pin D-sub	9.6 kbit/s to 12 Mbit/s	20.4 to 28.8 V DC	0.15 A

Siemens 6GK7342-5DA02-0XE0 is the CP 342-5 PROFIBUS communication processor for SIMATIC S7-300. It connects a compatible controller to PROFIBUS networks for distributed I/O exchange and supported controller communication.

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VERIFIED TECHNICAL DATA

PROFIBUS interface	1 RS485, 9-pin D-sub
PROFIBUS transmission rates	9.6 kbit/s to 12 Mbit/s
External supply range	20.4 to 28.8 V DC
5 V backplane consumption	0.15 A
24 V supply consumption	0.25 A
Power loss	5 W
Operating temperature	0 to +60 deg C
Storage temperature	-40 to +70 deg C
Relative humidity	95% maximum, non-condensing
Protection class	IP20

ADDITIONAL PRODUCT DATA

CP capacity per CPU	4 maximum
SEND/RECEIVE connections	16 maximum
SEND/RECEIVE payload	240 bytes
DP master slave capacity	124 slaves
S7 connections	16 maximum

DOCUMENTED USE SETTINGS

Industrial Manufacturing and Process Automation: Automated Assembly Line Production.

Food and Beverage Manufacturing: Food Production and Packaging.

Water Treatment and Distribution: Municipal Water Treatment.

SYSTEM COMPATIBILITY

6GK7342-5DA02-0XE0 is the profibus communication processor for SIMATIC S7-300 CP 342-5. Match the documented interface and installed companion equipment before configuring the assembly.

PRODUCT EVIDENCE

Siemens SIMATIC S7-300 CP 342-5 technical documentation

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM