

SIMATIC S7-400 CP 443-5 EXTENDED

Product Data Sheet

6GK7443-5DX03-0XE0

PROFIBUS rack communication processor

PROFIBUS CONNECTOR	PROFIBUS DATA RATE	BACKPLANE VOLTAGE	TYPICAL BACKPLANE CURRENT
1 RS485, 9-pin D-sub	9.6 kbit/s to 12 Mbit/s	5 V DC $\pm 5\%$	1.3 A

Siemens 6GK7443-5DX03-0XE0 is the CP 443-5 Extended PROFIBUS communication processor for SIMATIC S7-400. It links a compatible rack controller to distributed PROFIBUS equipment and supported automation communication services.

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VERIFIED TECHNICAL DATA

PROFIBUS connector	1 RS485, 9-pin D-sub
PROFIBUS data rate	9.6 kbit/s to 12 Mbit/s
Backplane voltage	5 V DC $\pm 5\%$
Typical backplane current	1.3 A
Power loss	6.5 W
Operating ambient temperature	0 to +60 deg C
Storage ambient temperature	-40 to +70 deg C
Relative humidity limit	95%, non-condensing
Protection degree	IP20
Maximum CPs per CPU	14, subject to CPU configuration

ADDITIONAL PRODUCT DATA

SEND/RECEIVE channel count	16
SEND/RECEIVE data length	240 bytes maximum
DP master capacity	125 slaves
DP process-image capacity	4096 bytes inputs and 4096 bytes outputs
S7 communication connections	48 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

6GK7443-5DX03-0XE0 is the profibus rack communication processor for SIMATIC S7-400 CP 443-5 Extended. Match the documented interface and installed companion equipment before configuring the assembly.

PRODUCT EVIDENCE

Siemens SIMATIC S7-400 CP 443-5 Extended technical documentation

AMIKON PRODUCT SUPPORT

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