

Data sheet

6GK7443-5FX01-0XE0

Product type designation	CP 443-5 Basic SIMATIC NET, CP 443-5 BASIC COMMUNICATIONS PROCESSOR FOR CONNECTING SIMATIC S7-400 TO PROFIBUS, FMS, S5-COMPATIBLE PG/OP AND S7 COMMUNICATION
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Transmission rate	
Transfer rate	
at the 1st interface / acc. to PROFIBUS	9.6 kbit/s ... 12 Mbit/s

Interfaces	
Number of interfaces / acc. to Industrial Ethernet	0
Number of electrical connections	
at the 1st interface / acc. to PROFIBUS	1
Type of electrical connection	
at the 1st interface / acc. to PROFIBUS	9-pin Sub-D socket (RS485)

Supply voltage, current consumption, power loss	
Type of voltage / of the supply voltage	DC
Supply voltage / 1 / from backplane bus	5 V
Supply voltage	5 V
Relative symmetrical tolerance / at DC	
at 5 V	5 %
Power loss [W]	6.5 W

Ambient conditions	
Ambient temperature	
during operation	0 ... 60 °C
during storage	-40 ... +70 °C
during transport	-40 ... +70 °C
Relative humidity	
at 25 °C / without condensation / during operation / maximum	95 %
Protection class IP	IP20

Design, dimensions and weight	
Module format	Compact module S7-400 single width
Width	25 mm
Height	290 mm
Depth	210 mm
Net weight	0.7 kg

Product properties, functions, components / general

Number of units	
• per CPU / maximum • Note	14 depending on CPU type
Performance data / open communication	
Number of possible connections / for open communication / by means of SEND/RECEIVE blocks / maximum	32
Amount of data	
• as user data per connection / for open communication / by means of SEND/RECEIVE blocks / maximum	240 byte
Performance data / FMS functions	
Number of possible connections / for FMS connection / maximum	48
Amount of data / of the variables	
• for READ job / maximum • for WRITE job / maximum	237 byte 233 byte
Number of variables	
• Configurable from server to FMS partner • Loadable from server to FMS partner	512 2640
Performance data / S7 communication	
Number of possible connections / for S7 communication	
• maximum	48
Performance data / multi-protocol mode	
Number of possible connections / of which 2 reserved for PG/OP communication / with multi-protocol mode / maximum	59
Product functions / management, configuration	
Configuration software	
• required	STEP 7 V5.1 SP1 or higher and NCM S7 for PROFIBUS
Further Information / Internet Links	
Internet-Link	
• to website: Selector SIMATIC NET SELECTION TOOL • to website: Industrial communication • to website: Industry Mall • to website: Information and Download Center • to website: Image database • to website: CAx Download Manager • to website: Industry Online Support	http://www.siemens.com/snst http://www.siemens.com/simatic-net https://mall.industry.siemens.com http://www.siemens.com/industry/infocenter http://automation.siemens.com/bilddb http://www.siemens.com/cax https://support.industry.siemens.com

Security information

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