SIEMENS

Product data sheet 6GK7443-5DX03-0XE0

Product type designation	CP 443-5 Extended
	SIMATIC NET, CP 443-5 EXTENDED COMMUNICATIONS PROCESSOR FOR CONNECTING SIMATIC S7-400 TO PROFIBUS, DP, S5-COMPATIBLE PG/OP AND S7 COMMUNICATION
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
• at the 1st interface / acc. to PROFIBUS	1
Design of the 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 / for DC	
• at 5 V	5 %
Relative positive tolerance / for DC / at 24 V	5 %
Relative negative tolerance / for DC / at 24 V	5 %
Consumed current	
• from backplane bus / for DC / at 5 V / typical	1.3 A
Active power loss	6.5 W
Permitted ambient conditions	

subject to modifications
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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	0.8 kg
Product properties, functions, components / general	
Number of units	
• per CPU / maximum	14
• Note	depending on CPU type
Performance data / open communication	
Number of possible connections / for open communication / by means of SEND/RECEIVE blocks	
• maximum	16
Amount of data	
• as user data per connection / for open communication / by means of SEND/RECEIVE blocks / maximum	240 byte
Performance data / PROFIBUS DP	
Service / as DP master	
• DPV1	Yes
Number of DP slaves / on DP master / usable	125
Amount of data	
• of the address area of the inputs / as DP master / total	4096 byte
• of the address area of the outputs / as DP master / total	4096 byte
• of the address area of the inputs / per DP slave	244 byte
• of the address area of the outputs / per DP slave	244 byte
Performance data / S7 communication	
Number of possible connections / for S7 communication	
• maximum	48
Performance data / telecontrol	
Protocol / is supported	
• TCP/IP	No
Product functions / management, configuration	
Configuration software	

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• required	STEP 7 V5.4 SP4 or higher and NCM S7 for PROFIBUS

Further Information / Internet Links

Internet-Link	
• to website: Selector SIMATIC NET SELECTION TOOL	http://www.siemens.com/snst
• to website: Industrial communication	http://www.siemens.com/simatic-net
• to website: Information and Download Center	http://www.siemens.com/automation/net/catalog
• to website: Image database	http://automation.siemens.com/bilddb
• to website: CAx Download Manager	http://www.siemens.com/cax
• to website: Industry Online Support	http://support.automation.siemens.com
letzte Änderung:	Oct 18, 2014

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