MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

SIEMENS

6GK7443-5DX02-0XE0

PROFIBUS COMMUNICATION PROCESSOR

Used with the applicable SIMATIC S7-400 CP 443-5 Extended configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: Siemens 6GK7443-5DX02-0XE0 official technical data; applicable specification pages.

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Product data sheet 6GK7443-5DX02-0XE0

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
Permitted 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	0.8 kg
Performance data / open communication	
Number of possible connections / for open communication / by means of SEND/RECEIVE blocks	
• maximum	16
Amount of data	

subject to modifications
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• as user data per connection / for open communication / by means of SEND/RECEIVE blocks / maximum	240 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	
• required	STEP 7 V5.1 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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