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Data sheet 6GK1411-5AB00

Product type designation

IE/PB-Link PN IO

IE/PB LINK PN IO NETWORK TRANSITION BETWEEN IND. ETHERNET AND PROFIBUS WITH PROFINET IO FUNCTIONALITY, S7-ROUTING AND DATA BLOCK ROUTING, 10/100 MBIT FAST ETHERNET, 9.6 KBIT/S TO 12 MBITS PROFIBUS



Transmission rate	
Transfer rate	
• at the 1st interface	10 ... 100 Mbit/s
• at the 1st interface / acc. to PROFIBUS	9.6 kbit/s ... 12 Mbit/s
Interfaces	
Number of interfaces / acc. to Industrial Ethernet	1
Number of electrical connections	
• at the 1st interface / acc. to Industrial Ethernet	1
• at the 1st interface / acc. to PROFIBUS	1
• for power supply	1
Type of electrical connection	
• at the 1st interface / acc. to PROFIBUS	9-pin Sub-D socket (RS485)
• at the 1st interface / acc. to Industrial Ethernet	RJ45 port
• for power supply	2-pole terminal block
design of the removable storage / C-PLUG	Yes
Supply voltage, current consumption, power loss	
Type of voltage / of the supply voltage	DC

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Supply voltage / external	24 V
Relative positive tolerance / at DC / at 24 V	5 %
Relative negative tolerance / at DC / at 24 V	5 %
Consumed current	
• from external supply voltage / at DC / at 24 V / maximum	0.6 A
Active power loss	10 W

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 S7-300 double width
Width	80 mm
Height	125 mm
Depth	120 mm
Net weight	0.6 kg

Performance data / PROFIBUS DP	
Service / as DP master	
• DPV1	Yes
Number of DP slaves / on DP master / usable	64
Amount of data	
• of the address area of the inputs / as DP master / total	2048 byte
• of the address area of the outputs / as DP master / total	2048 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	32

Performance data / multi-protocol mode	
Number of active connections / with multi-protocol mode	48

Performance data / PROFINET communication / as PN IO-Device

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Product function / PROFINET IO device	Yes

Performance data / telecontrol	
Protocol / is supported	
• TCP/IP	Yes

Product functions / management, configuration	
Product function / MIB support	Yes
Protocol / is supported	
• SNMP v1	Yes
Configuration software	
• required	STEP 7 V5.4 or higher or STEP 7 Professional (TIA Portal) V11 or higher

Product functions / Time	
Product function / pass on time synchronization	Yes

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: Industry Mall	https://mall.industry.siemens.com
• 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	https://support.industry.siemens.com

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last modified:	08.08.2015

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