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Data sheet   **6GK1411-5AB00**

product type designation	IE/PB LINK PN IO

********** spare part ********** IE/PB LINK PN IO gateway between Industrial Ethernet and PROFIBUS with PROFINET IO functionality S7 routing and dataset routing, 10/100 Mbit/s Fast Ethernet 9.6 Kbit/s up to 12 Mbit/s PROFIBUS functional replacement for this product is 6GK1411-5AB10, please note changed enclosure dimensions

transfer rate	
transfer rate	
● at the 1st interface	10 ... 100 Mbit/s
● at the 2nd interface	9.6 kbit/s ... 12 Mbit/s
interfaces	
number of interfaces / according to Industrial Ethernet	1
number of electrical connections	
● at the 1st interface / according to Industrial Ethernet	1
● at the 1st interface / according to PROFIBUS	1
● for power supply	1
type of electrical connection	
● at the 1st interface / according to Industrial Ethernet	RJ45 port
type of electrical connection	
● at the 1st interface / according to PROFIBUS	9-pin Sub-D socket (RS485)
● 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
supply voltage / external	24 V
supply voltage / external / at DC / rated value	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
power loss [W]	10 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 weights	
module format	Compact module S7-300 double width
width	80 mm
height	125 mm

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depth	120 mm
net weight	0.6 kg
performance data / PROFIBUS DP	
service / as DP master	
● DPV1	Yes
number of DP slaves	
● at the 2nd interface / as DP master / maximum	64
data volume	
● of the address range of the inputs / as DP master / total	2048 byte
● of the address range of the outputs / as DP master / total	2048 byte
● of the address range of the inputs / per DP slave	244 byte
● of the address range 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	
product function / PROFINET IO device	Yes
product functions / management, configuration, engineering	
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 / routing	
service / as PROFIBUS / data set routing	Yes; Maximum 32 connections
number of possible connections / with data set routing / maximum	32
product functions / time	
product function / pass on time synchronization	Yes
further information / internet links	
internet link	
● to web page: selection aid TIA Selection Tool	http://www.siemens.com/tia-selection-tool
● 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/industry/infocenter
● 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
security information	
security information	Siemens provides products and solutions with industrial security functions that support the secure operation of plants, solutions, machines, equipment and/or networks. They are important components in a holistic industrial security concept. With this in mind, Siemens' products and solutions undergo continuous development. Siemens recommends strongly that you regularly check for product updates. For the secure operation of Siemens products and solutions, it is necessary to take suitable preventive action(e.g. cell protection concept) and integrate each component into a holistic, state-of-the-art industrial security concept. Third-party products that may be in use should also be considered. For more information about industrial security, visit http://www.siemens.com/industrialsecurity. To stay informed about product updates as they occur, sign up for a product-specific newsletter. For more information, visit http://support.automation.siemens.com. (V3.4)

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