

Product type designation

IE/PB-Link PN IO
IE/PB LINK PN IO gateway between Ind. 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 not: Changed enclosure dimensions



Transfer 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

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 <ul style="list-style-type: none"> • from external supply voltage / at DC / at 24 V / maximum 	0.6 A
Power loss [W]	10 W

Ambient conditions

Ambient temperature <ul style="list-style-type: none"> • during operation • during storage • during transport 	0 ... 60 °C -40 ... +70 °C -40 ... +70 °C
Relative humidity <ul style="list-style-type: none"> • 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
Depth	120 mm
Net weight	0.6 kg

Performance data / PROFIBUS DP

Service / as DP master <ul style="list-style-type: none"> • DPV1 	Yes
Number of DP slaves / on DP master / usable	64
Amount of data <ul style="list-style-type: none"> • of the address area of the inputs / as DP master / total • of the address area of the outputs / as DP master / total • of the address area of the inputs / per DP slave • of the address area of the outputs / per DP slave 	2048 byte 2048 byte 244 byte 244 byte

Performance data / S7 communication

Number of possible connections / for S7 communication <ul style="list-style-type: none"> • maximum 	32
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Performance data / multi-protocol mode

Number of active connections / with multi-protocol mode	48
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Performance data / PROFINET communication / as PN IO device	
Product function / PROFINET IO device	Yes
Performance data / telecontrol	
Protocol / is supported <ul style="list-style-type: none">• TCP/IP	Yes
Product functions / management, configuration, engineering	
Product function / MIB support	Yes
Protocol / is supported <ul style="list-style-type: none">• SNMP v1	Yes
Configuration software <ul style="list-style-type: none">• required	STEP 7 V5.4 or higher or STEP 7 Professional (TIA Portal) V11 or higher
Product functions / Routing	
Service / as PROFIBUS / dataset routing	Yes; Maximum 32 connections
Number of possible connections / with dataset routing / maximum	32
Product functions / time	
Product function / pass on time synchronization	Yes
Further information / Internet-Links	
Internet-Link <ul style="list-style-type: none">• 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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