

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 Mbps Fast Ethernet 9.6 Kbps up to 12 Mbps PROFIBUS functional successor for this product is 6GK1411-5AB10, please note changed enclosure dimensions

product brand name

SIMATIC NET

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
- at the 1st interface / according to PROFIBUS
- for power supply

1
1
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
- for power supply

9-pin Sub-D socket (RS485)
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
- during storage
- during transport

0 ... 60 °C
-40 ... +70 °C
-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
depth	120 mm
net weight	0.6 kg
performance data / PROFIBUS DP	
service / as DP master • DPV1	Yes
number of DP devices • at the 2nd interface / as DP master / maximum	64
data volume • of the address range of the inputs / as DP master / total • of the address range of the outputs / as DP master / total • of the address range of the inputs / per DP device • of the address range of the outputs / per DP device	2048 byte 2048 byte 244 byte 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 / 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 • to web page: selection aid TIA Selection Tool • to website: Industrial communication • to website: Image database • to website: CAx-Download-Manager • to website: Industry Online Support	https://www.siemens.com/tstcloud https://www.siemens.com/simatic-net https://www.automation.siemens.com/bilddb https://siemens.com/cax https://support.industry.siemens.com
security information	
security information	Siemens provides products and solutions with industrial cybersecurity functions that support the secure operation of plants, systems, machines and networks. In order to protect plants, systems, machines and networks against cyber threats, it is necessary to implement - and continuously maintain - a holistic, state-of-the-art industrial cybersecurity concept. Siemens' products and solutions constitute one element of such a concept. Customers are responsible for preventing unauthorized access to their plants, systems, machines and networks. Such systems, machines and components should only be connected to an enterprise network or the internet if and to the extent such a connection is necessary and only when appropriate security measures (e.g. firewalls and/or network segmentation) are in place. For additional information on industrial cybersecurity measures that may be implemented, please visit www.siemens.com/cybersecurity-industry. Siemens' products and solutions undergo continuous development to make them more secure. Siemens strongly recommends that product updates are applied as soon as they are available and that the latest product versions are used. Use of product versions that are no longer supported, and failure to apply the latest updates may increase customer's exposure to cyber threats. To stay informed about product updates, subscribe to the Siemens Industrial Cybersecurity RSS Feed under https://www.siemens.com/cert. (V4.7)
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General Product Approval

EMV

For use in hazardous locations



[China RoHS](#)



[EM](#)

For use in hazard-
ous locations

Maritime application



[NK / Nippon Kaiji Ky-
okai](#)

Maritime application



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