

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 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
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

Permitted ambient conditions

Ambient temperature	
<ul style="list-style-type: none"> • during operation 	0 ... 60 °C
<ul style="list-style-type: none"> • during storage 	-40 ... +70 °C
<ul style="list-style-type: none"> • 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	
<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 	2048 byte
<ul style="list-style-type: none"> • of the address area of the outputs / as DP master / total 	2048 byte
<ul style="list-style-type: none"> • of the address area of the inputs / per DP slave 	244 byte
<ul style="list-style-type: none"> • of the address area of the outputs / per DP slave 	244 byte

Performance data / S7 communication

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

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
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Performance data / telecontrol

Protocol / is supported	
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- TCP/IP
- | | |
|--|-----|
| | Yes |
|--|-----|

Product function / MIB support	Yes
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Protocol / is supported	
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- SNMP v1
- | | |
|--|-----|
| | Yes |
|--|-----|

Configuration software	
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- required
- | | |
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| | STEP 7 V5.4 or higher or STEP 7 Professional (TIA Portal) V11 or higher |
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Product functions / Time

Product function / pass on time synchronization	Yes
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Further Information / Internet Links

Internet-Link	
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- 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/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

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