



SIMATIC NET, IE/AS-i Link PN IO Gateway IE/AS-i with master profile M3, M4 according to AS-i specification V3.0 for integration in PROFINET IO Single master with display IP20

General technical data		
product designation		PROFINET IO/AS-Interface Link
product type designation		IE/AS-i LINK PN IO (single master)
protection class IP		IP20
type of electrical connection of the AS-Interface		Screw-type connection
type of voltage supply		via AS-i or 24 V DC
operating condition separate power supply 24 V		No
supply voltage from optional external supply voltage at DC	V	24
consumed current		
• from profile conductors of the AS-Interface		
— at 30 V maximum	mA	320
— at 24 V with AS-i Power24V maximum	mA	320
power loss [W]	W	9.6
insulation voltage rated value	V	500
product function suitable for AS-i Power24V		No
• note		from product status 4 / firmware V2.2
product feature redundancy capability		No
product function		
• web-based management		Yes
• diagnostics via email		Yes
• galvanic isolation		Yes
display version		
• as status display by LED		SF, BF, ON, APF, CER, AUP, CM
• as status indication through display		LCD display, full graphic, backlighting, 128 x 64 pixels
type of configuration of the AS-Interface		Operator display, integrated web server, STEP7, GSD, command interface
Communication/ Protocol		
version of the AS-Interface specification		V 3.0
AS-Interface master profile is supported		M4 (in acc. with AS-interface specification V 3.0)
type of data transmission		PROFINET
number of interfaces		
• as AS-Interface		1
• according to RS 485		0
• according to Industrial Ethernet		2
• according to PROFINET		2
• according to wireless		0
• according to USB		0
• other		1
product component optical interface		No
protocol is supported		
• ASIsafe (Safety at work) protocol		No

- PROFI-safe protocol
- PROFIBUS protocol
- PROFINET IO protocol
- PROFINET CBA protocol
- TCP/IP
- SNMP

standard for wireless communication IEEE 802.11

No
No
Yes
No
Yes
Yes
No

Inputs/ Outputs

number of inputs for AS-Interface maximum
number of outputs for AS-Interface maximum
number of AS-i slaves per AS-Interface maximum
bus cycle time of the AS-Interface

- for 31 slaves
- for 62 slaves

access to digital I/O data
access to analog I/O data

ms
ms

496
496
62
5
10
via process image/peripheral addresses
via process diagram/peripheral addresses and data record transfer

Mechanical data

width
height
depth
fastening method
module format

mm
mm
mm

90
132
88.5
snap-on fastening on 35 mm DIN rail
IP20

Ambient conditions

ambient temperature

- if installed on horizontal mounting rail
- during transport
- during storage

relative humidity at 25 °C during operation maximum
installation altitude at height above sea level maximum

°C
°C
°C
%
m

0 ... 60
-30 ... +70
-30 ... +70
95
3 000

Safety related data

suitability for use safety-related function
explosion protection marking for intrinsic safety of related equipment

- EEx ia
- EEx ib

explosion protection category for gas
explosion protection category for dust

No
No
No
none
none

Certificates/ approvals

General Product Approval

EMC

For use in hazardous locations

[Confirmation](#)

[FM](#)



For use in hazardous locations

Declaration of Conformity

Marine / Shipping

other



[Confirmation](#)

Further information

Information- and Downloadcenter (Catalogs, Brochures,...)

<https://www.siemens.com/ic10>

Industry Mall (Online ordering system)

<https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=6GK1411-2AB10>

Cax online generator

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=6GK1411-2AB10>

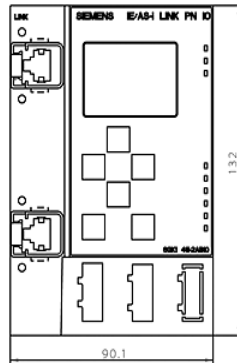
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/6GK1411-2AB10>

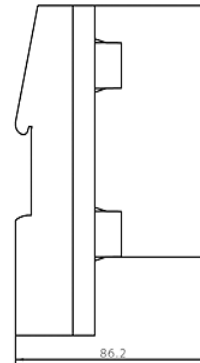
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=6GK1411-2AB10&lang=en

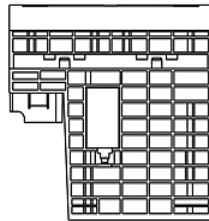
Vorne / Front



Links / Left



Oben / Top



last modified:

11/21/2022 