



SIMATIC NET, DP/AS-Interface Link advanced, Gateway PROFIBUS DP/AS-Interface with master profile M3, M4 according to AS-i specification V3.0 for integration in PROFIBUS DP, Double master with display, Degree of protection IP20

**General technical data**

<b>product designation</b>		PROFIBUS DP/AS-Interface Link
<b>product type designation</b>		DP/AS-i LINK Advanced (double master)
<b>protection class IP</b>		IP20
<b>type of electrical connection of the AS-Interface</b>		Screw-type connection
<b>type of voltage supply</b>		via AS-i or external 24 V supply
<b>operating condition separate power supply 24 V</b>		No
<b>supply voltage from optional external supply voltage at DC</b>	V	24
<b>consumed current</b>		
• from profile conductors of the AS-Interface		
— at 30 V maximum	mA	250
— at 24 V with AS-i Power24V maximum	mA	250
<b>power loss [W]</b>	W	7.5
<b>insulation voltage rated value</b>	V	500
<b>product function suitable for AS-i Power24V</b>		Yes
• note		from product status 4 / firmware V2.2
<b>product feature redundancy capability</b>		Yes
• note		in connection with Y-Link
<b>product function</b>		
• web-based management		Yes
• diagnostics via email		Yes
• galvanic isolation		Yes
<b>display version</b>		
• 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
<b>type of configuration of the AS-Interface</b>		Operator display, integrated web server, STEP7, GSD, command interface

**Communication/ Protocol**

<b>version of the AS-Interface specification</b>		V 3.0
<b>AS-Interface master profile is supported</b>		M4 (in acc. with AS-interface specification V 3.0)
<b>type of data transmission</b>		PROFIBUS
<b>number of interfaces</b>		
• as AS-Interface		2
• according to RS 485		1
• according to Industrial Ethernet		1
• according to PROFINET		0
• according to wireless		0
• according to USB		0
• other		1
<b>product component optical interface protocol is supported</b>		No

- ASIsafe (Safety at work) protocol
- PROFIsafe protocol
- PROFIBUS protocol
- PROFINET IO protocol
- PROFINET CBA protocol
- TCP/IP
- SNMP

No  
No  
Yes  
No  
No  
Yes  
Yes  
No

standard for wireless communication IEEE 802.11

#### Inputs/ Outputs

number of inputs for AS-Interface maximum		496
number of outputs for AS-Interface maximum		496
number of AS-i slaves per AS-Interface maximum		62
bus cycle time of the AS-Interface		
• for 31 slaves	ms	5
• for 62 slaves	ms	10
access to digital I/O data		via process image/peripheral addresses
access to analog I/O data		via process diagram/peripheral addresses and data record transfer

#### Mechanical data

width	mm	90
height	mm	132
depth	mm	88.5
fastening method		snap-on fastening on 35 mm DIN rail
module format		IP20

#### Ambient conditions

ambient temperature		
• if installed on horizontal mounting rail	°C	0 ... 60
• during transport	°C	-30 ... +70
• during storage	°C	-30 ... +70
relative humidity at 25 °C during operation maximum	%	95
installation altitude at height above sea level maximum	m	3 000

#### Safety related data

suitability for use safety-related function		No
explosion protection marking for intrinsic safety of related equipment		
• EEx ia		No
• EEx ib		No
explosion protection category for gas		none
explosion protection category for dust		none

#### Certificates/ approvals

General Product Approval

EMC

For use in hazardous locations

[Confirmation](#)

[FM](#)



For use in hazardous locations

Marine / Shipping

other



[Confirmation](#)

#### Further information

Siemens has decided to exit the Russian market (see here).

<https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business>

Siemens is working on the renewal of the current EAC certificates.

Please contact your local Siemens office on the status of validity of the EAC certification if you intend to import or offer to supply these

products to an EAC relevant market (other than the sanctioned EAEU member states Russia or Belarus).

**Information on the packaging**

<https://support.industry.siemens.com/cs/ww/en/view/109813875>

**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=6GK1415-2BA20>

**Cax online generator**

<http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=6GK1415-2BA20>

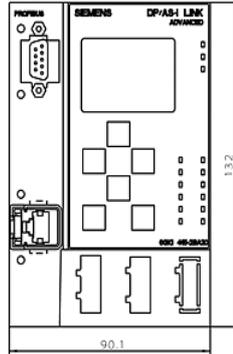
**Service&Support (Manuals, Certificates, Characteristics, FAQs,...)**

<https://support.industry.siemens.com/cs/ww/en/ps/6GK1415-2BA20>

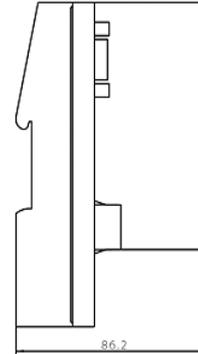
**Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)**

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=6GK1415-2BA20&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=6GK1415-2BA20&lang=en)

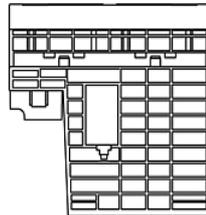
Vorne / Front



Links / Left



Oben / Top



last modified:

11/21/2022 