



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, Single  
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 (single 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 24 V DC
<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		1
• 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</b>		No

<b>protocol is supported</b>		
• ASIsafe (Safety at work) protocol		No
• PROFIsafe protocol		No
• PROFIBUS protocol		Yes
• PROFINET IO protocol		No
• PROFINET CBA protocol		No
• TCP/IP		Yes
• SNMP		Yes
<b>standard for wireless communication IEEE 802.11</b>		No
<b>Inputs/ Outputs</b>		
<b>number of inputs for AS-Interface maximum</b>		496
<b>number of outputs for AS-Interface maximum</b>		496
<b>number of AS-i slaves per AS-Interface maximum</b>		62
<b>bus cycle time of the AS-Interface</b>		
• for 31 slaves	ms	5
• for 62 slaves	ms	10
<b>access to digital I/O data</b>		via process image/peripheral addresses
<b>access to analog I/O data</b>		via process diagram/peripheral addresses and data record transfer
<b>Mechanical data</b>		
<b>width</b>	mm	90
<b>height</b>	mm	132
<b>depth</b>	mm	88.5
<b>fastening method</b>		snap-on fastening on 35 mm DIN rail
<b>module format</b>		IP20
<b>Ambient conditions</b>		
<b>ambient temperature</b>		
• if installed on horizontal mounting rail	°C	0 ... 60
• during transport	°C	-30 ... +70
• during storage	°C	-30 ... +70
<b>relative humidity at 25 °C during operation maximum</b>	%	95
<b>installation altitude at height above sea level maximum</b>	m	3 000
<b>Safety related data</b>		
<b>suitability for use safety-related function</b>		No
<b>explosion protection marking for intrinsic safety of related equipment</b>		
• EEx ia		No
• EEx ib		No
<b>explosion protection category for gas</b>		none
<b>explosion protection category for dust</b>		none
<b>Certificates/ approvals</b>		
<b>General Product Approval</b>	EMC	For use in hazardous locations
<a href="#">Confirmation</a>	<a href="#">FM</a>	   
  	<a href="#">Confirmation</a>	

<b>Further information</b>
Siemens has decided to exit the Russian market (see here). <a href="https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business">https://press.siemens.com/global/en/pressrelease/siemens-wind-down-russian-business</a>
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=6GK1415-2BA10>

Cax online generator

<http://support.automation.siemens.com/WW/CAxorder/default.aspx?lang=en&mlfb=6GK1415-2BA10>

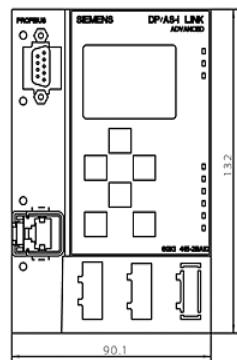
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

<https://support.industry.siemens.com/cs/ww/en/ps/6GK1415-2BA10>

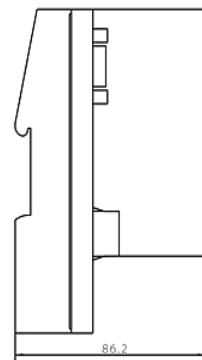
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

[http://www.automation.siemens.com/bilddb/cax\\_de.aspx?mlfb=6GK1415-2BA10&lang=en](http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=6GK1415-2BA10&lang=en)

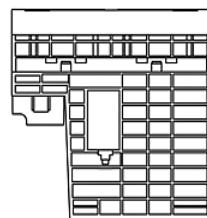
Vorne / Front



Links / Left



Oben / Top



---

last modified:

11/21/2022 