SIEMENS

Data sheet 6GK1415-2AA10



SIMATIC NET, DP/AS-Interface Link 20 E, Gateway PROFIBUS DP/AS-Interface according to AS-Interface specification V 3.0 in degree of protection IP20

General technical data				
product designation		PROFIBUS DP/AS-Interface Link		
product type designation		DP/AS-Interface Link 20E (AS-i V 3.0)		
protection class IP		IP20		
type of electrical connection of the AS-Interface		Screw-type connection		
type of voltage supply		via AS-i		
consumed current				
 from profile conductors of the AS-Interface 				
— at 30 V maximum	mA	200		
power loss [W]	W	4.5		
insulation voltage rated value	V	500		
product feature redundancy capability		Yes		
• note		in connection with Y-Link		
product function suitable for AS-i Power24V		No		
• note		from product status 2 / firmware V3.1		
product function				
 web-based management 		No		
diagnostics via email		No		
galvanic isolation		Yes		
display version				
 as status display by LED 		PWR, APF, CER, AUP, CM, BF, SF		
type of configuration of the AS-Interface		Set pushbutton on device, 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		PROFIBUS		
number of interfaces				
as AS-Interface		1		
		1		
 according to RS 485 		1		
according to RS 485according to Industrial Ethernet		1 0		
according to Industrial Ethernet		0		
according to Industrial Ethernetaccording to PROFINET		0 0		
 according to Industrial Ethernet according to PROFINET according to wireless 		0 0 0		
 according to Industrial Ethernet according to PROFINET according to wireless according to USB 		0 0 0		
 according to Industrial Ethernet according to PROFINET according to wireless according to USB other 		0 0 0 0		
according to Industrial Ethernet according to PROFINET according to wireless according to USB other product component optical interface		0 0 0 0		
according to Industrial Ethernet according to PROFINET according to wireless according to USB other product component optical interface protocol is supported		0 0 0 0 0 No		
according to Industrial Ethernet according to PROFINET according to wireless according to USB other product component optical interface protocol is supported ASIsafe (Safety at work) protocol		0 0 0 0 0 No		

PROFINET CBA protocol		No			
• TCP/IP		No			
• SNMP		No			
standard for wireless communication IEEE 802.11		No			
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 ima	ge/peripheral addresses		
access to analog I/O data		via data record	transfer		
Mechanical data					
width	mm	90			
height	mm	80			
depth	mm	62			
fastening method		snap-on fasteni	ng on 35 mm DIN rail		
module format		IP20			
Ambient conditions					
ambient temperature					
 if installed on horizontal mounting rail during operation 	°C	0 60			
 if installed on vertical mounting rail during operation 	°C	0 45			
during transport	°C	-40 +70			
during storage	°C	-40 +7 0			
relative humidity at 25 °C during operation maximum	%	95			
installation altitude at height above sea level maximum	m	2 000			
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		II 3 G Ex ec IIC T4 Gc			
explosion protection category for dust		none			
Certificates/ approvals					
General Product Approval			EMC	For use in hazard- ous locations	

Confirmation

<u>FM</u>









For use in hazardous locations **Declaration of Conformity**

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)

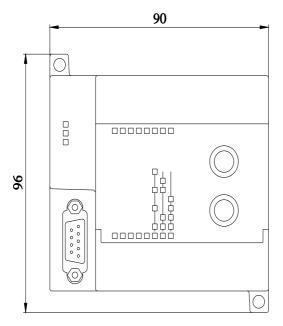
https://mall.industry.siemens.com/mall/en/en/Catalog/product?mlfb=6GK1415-2AA10

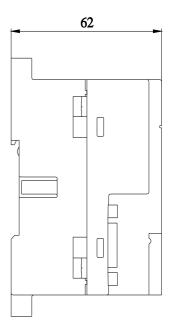
Cax online generator

http://support.automation.siemens.com/WW/CAXorder/default.aspx?lang=en&mlfb=6GK1415-2AA10

Service&Support (Manuals, Certificates, Characteristics, FAQs,...) https://support.industry.siemens.com/cs/ww/en/ps/6GK1415-2AA10

Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...) http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=6GK1415-2AA10&lang=en





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