



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 | | |
|--|----|--|
| product designation | | PROFIBUS DP/AS-Interface Link |
| product type designation | | DP/AS-i LINK Advanced (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 | 250 |
| — at 24 V with AS-i Power24V maximum | mA | 250 |
| power loss [W] | W | 7.5 |
| insulation voltage rated value | V | 500 |
| product function suitable for AS-i Power24V | | Yes |
| • note | | from product status 4 / firmware V2.2 |
| product feature redundancy capability | | Yes |
| • note | | in connection with Y-Link |
| 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 | | PROFIBUS |
| number of interfaces | | |
| • 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 |

| | | |
|---|-----|---|
| product component optical interface | | No |
| protocol is supported | | |
| • 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 |
| 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 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 standard 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

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=6GK1415-2BA10>

Cax online generator

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

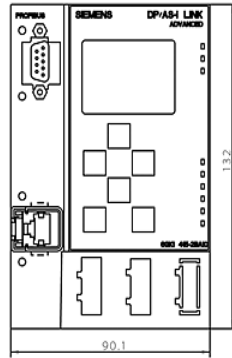
Service&Support (Manuals, Certificates, Characteristics, FAQs,...)

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

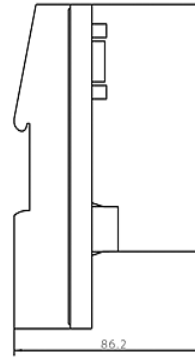
Image database (product images, 2D dimension drawings, 3D models, device circuit diagrams, EPLAN macros, ...)

http://www.automation.siemens.com/bilddb/cax_de.aspx?mlfb=6GK1415-2BA10&lang=en

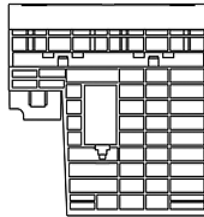
Vorne / Front



Links / Left



Oben / Top



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