SIEMENS

## Data sheet 6GK5615-0AA01-2AA2

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|---|---|
| **product type designation** | **S615 EEC** |
| | SCALANCE S615 EEC LAN router; for protection of devices/networks in automation engineering and for protection of industrial communication by means of VPN and firewall; further functions: address conversion (NAT/NAPT), connection to SINEMA RC, 5-port switch, 1x dig. input, 1x digital output; conformal coating |



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|---|---|
| product brand name | SCALANCE |
| Technical Product Detail Page | https://i.siemens.com/1P6GK5615-0AA01-2AA2 |
| **transfer rate** | |
| transfer rate | 10, 100 Mbit/s |
| **interfaces** | |
| number of electrical/optical connections / for network components or terminal equipment / maximum | 5 |
| number of electrical connections | |
| ● for power supply | 1 |
| ● for redundant voltage supply | 1 |
| type of electrical connection | |
| ● for power supply | 5-pole terminal block |
| design of the removable storage / C-PLUG | Yes |
| **signal inputs/outputs** | |
| number of electrical connections | |
| ● for digital input signals | 1 |
| ● for digital output signals | 1 |
| type of electrical connection | |
| ● for digital input signals | 2-pole terminal block |
| ● for digital output signals | 2-pole terminal block |
| **supply voltage, current consumption, power loss** | |
| **type of voltage / 1 / of the supply voltage** | DC |
| ● supply voltage / 1 / rated value | 24 V |
| ● power loss [W] / 1 / rated value | 4 W |
| ● supply voltage / 1 / rated value | 10.8 ... 28.8 V |
| ● product component / 1 / fusing at power supply input | Yes |
| ● fuse protection type / 1 / at input for supply voltage | Non-replaceable melting fuse (F 2 A5 / 32 V) |
| consumed current / at DC / at 24 V / typical | 0.2 A |
| **ambient conditions** | |
| ambient temperature | |
| ● during operation | -40 ... +70 °C |
| ● during storage | -40 ... +80 °C |
| ● during transport | -40 ... +80 °C |
| relative humidity / at 25 °C / without condensation / during operation / maximum | 95 % |
| protection class IP | IP20 |
| **design, dimensions and weights** | |
| design | compact |


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|---|---|
| width | 35 mm |
| height | 147 mm |
| depth | 127 mm |
| net weight | 0.4 kg |
| fastening method | |
| ● 35 mm DIN-rail mounting | Yes |
| ● S7-300 rail mounting | Yes |
| ● S7-1500 rail mounting | Yes |
| **product features, product functions, product components / general** | |
| product feature / conformal coating | Yes |
| **product functions / management, configuration, engineering** | |
| product function | |
| ● CLI | Yes |
| ● web-based management | Yes |
| ● MIB support | Yes |
| protocol / is supported | |
| ● HTTP | Yes |
| ● SNMP v1 | Yes |
| ● SNMP v2 | Yes |
| ● SNMP v3 | Yes |
| type of configuration | Web Based Management, CLI, SNMP, SCT (Configuration support for certificate generation) |
| **product functions / diagnostics** | |
| product function | |
| ● SysLog | Yes |
| ● packet filter log | Yes |
| ● audit log | Yes |
| ● system log | Yes |
| **product functions / DHCP** | |
| product function | |
| ● DHCP client | Yes |
| ● DHCP server - internal network | Yes |
| **product functions / routing** | |
| product function / static IP routing | Yes |
| protocol / is supported / VRRP for IPv6 | Yes |
| **product functions / security** | |
| firewall version | stateful inspection |
| product function / with VPN connection | IPsec, OpenVPN (as client for SINEMA RC) |
| type of encryption algorithms / with VPN connection | AES-256, AES-192, AES-128, 3DES-168, DES-56 |
| type of authentication procedure / with VPN connection | Preshared key (PSK), X.509v3 certificates |
| type of hashing algorithms / with VPN connection | MD5, SHA-1, SHA-256, SHA-384, SHA-512 |
| number of possible connections / with VPN connection | 20 |
| product function | |
| ● password protection | Yes |
| ● bandwidth limitation | No |
| ● NAT/NAPT | Yes |
| **product functions / time** | |
| protocol / is supported / NTP | Yes |
| product component / hardware real time clock | Yes |
| product feature / hardware real time clock w. battery backup | No |
| **standards, specifications, approvals** | |
| certificate of suitability | |
| ● CE marking | Yes |
| product function / is supported / identification link | Yes; acc. to IEC 61406-1:2022 |
| **standards, specifications, approvals / marine classification** | |
| Marine classification association | |
| ● American Bureau of Shipping Europe Ltd. (ABS) | No |
| ● French marine classification society (BV) | No |
| ● DNV GL | No |


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| ● Lloyds Register of Shipping (LRS) | No |
| ● Nippon Kaiji Kyokai (NK) | No |
| ● Polski Rejestr Statkow (PRS) | No |
| ● Royal Institution of Naval Architects (RINA) | No |
| **standards, specifications, approvals / Environmental Product Declaration** | |
| Environmental Product Declaration | Yes |
| global warming potential [CO2 eq] | |
| ● total | 141.25 kg |
| ● during manufacturing | 15.64 kg |
| ● during operation | 125.19 kg |
| ● after end of life | 0.42 kg |
| **accessories** | |
| product extension / optional | |
| ● C-PLUG | Yes |
| ● KEY-PLUG | Yes |
| accessories | optional KEY-PLUG |
| **further information / internet links** | |
| internet link | |
| ● to website: Selection guide for cables and connectors | https://support.industry.siemens.com/cs/ww/en/view/109766358 |
| ● to web page: selection aid TIA Selection Tool | https://www.siemens.com/tstcloud |
| ● to website: Industrial communication | https://www.siemens.com/simatic-net |
| ● to web page: SiePortal | https://sieportal.siemens.com/ |
| ● to website: Image database | https://www.automation.siemens.com/bilddb |
| ● to website: CAx-Download-Manager | https://www.siemens.com/cax |
| ● to website: Industry Online Support | https://support.industry.siemens.com |
| **security information** | |
| security information | Siemens provides products and solutions with industrial cybersecurity functions that support the secure operation of plants, systems, machines and networks. In order to protect plants, systems, machines and networks against cyber threats, it is necessary to implement - and continuously maintain - a holistic, state-of-the-art industrial cybersecurity concept. Siemens' products and solutions constitute one element of such a concept. Customers are responsible for preventing unauthorized access to their plants, systems, machines and networks. Such systems, machines and components should only be connected to an enterprise network or the internet if and to the extent such a connection is necessary and only when appropriate security measures (e.g. firewalls and/or network segmentation) are in place. For additional information on industrial cybersecurity measures that may be implemented, please visit www.siemens.com/cybersecurity-industry. Siemens' products and solutions undergo continuous development to make them more secure. Siemens strongly recommends that product updates are applied as soon as they are available and that the latest product versions are used. Use of product versions that are no longer supported, and failure to apply the latest updates may increase customer's exposure to cyber threats. To stay informed about product updates, subscribe to the Siemens Industrial Cybersecurity RSS Feed under https://www.siemens.com/cert. (V4.7) |
| **Approvals / Certificates** | |
| **General Product Approval** | |

China RoHS

**last modified:** 7/31/2026


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