SIEMENS

## Data sheet 6GK5632-2GS00-2AC2

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| **product type designation** | **SC632-2C** |



SCALANCE SC632-2C Industrial Security Appliance; For protection of devices and networks in discrete manufacturing and the process industry for protection of the industrial communication with firewall; Further functions: address conversion (NAT/NAPT); Connection to SINEMA RC; 2x combo port electrical or optical; 10/100/1000 Mbit/s RJ45 or 100 Mbit/s SFP or 1000 Mbit/s SFP.

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| **transfer rate** | |
| transfer rate | 10 Mbit/s, 100 Mbit/s, 1000 Mbit/s |
| **interfaces** | |
| number of electrical/optical connections / for network components or terminal equipment / maximum | 2 |
| number of electrical connections | |
| ● for signaling contact | 1 |
| ● for power supply | 1 |
| ● for redundant voltage supply | 1 |
| type of electrical connection | |
| ● for signaling contact | 2-pole terminal block |
| ● for power supply | 4-pole terminal block |
| design of the removable storage / C-PLUG | Yes |
| **signal inputs/outputs** | |
| number of electrical connections | |
| ● for digital input signals | 1 |
| type of electrical connection | |
| ● for digital input signals | 2-pole terminal block |
| operating voltage / of the signaling contacts / at DC / rated value | 24 V |
| operational current / of the signaling contacts / at DC / maximum | 0.1 A |
| **supply voltage, current consumption, power loss** | |
| supply voltage / 1 / rated value | 24 V; (with plugged-in SFPs) |
| power loss [W] / 1 / rated value | 9.12 W |
| supply voltage / 1 / rated value | 9.6 ... 31.2 V |
| consumed current / 1 / maximum | 0.38 A |
| **ambient conditions** | |
| ambient temperature | |
| ● during operation | -40 ... +70 °C |
| ● during storage | -40 ... +85 °C |
| ● during transport | -40 ... +85 °C |
| relative humidity / at 25 °C / without condensation / during operation / maximum | 95 % |
| protection class IP | IP20 |
| **design, dimensions and weights** | |
| design | compact |
| width | 60 mm |
| height | 145 mm |


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|---|---|
| depth | 125 mm |
| net weight | 0.58 kg |
| fastening method | Fixing bolt with additional screw protection |
| fastening method | |
| ● 35 mm top hat DIN rail mounting | Yes |
| ● S7-300 rail mounting | Yes |
| ● S7-1500 rail mounting | Yes |
| ● wall mounting | Yes |
| **product features, product functions, product components / general** | |
| product function / DynDNS client | Yes |
| **product functions / management, configuration, engineering** | |
| product function | |
| ● CLI | Yes |
| ● web-based management | Yes |
| ● MIB support | Yes |
| protocol / is supported | |
| ● HTTP | No |
| ● SNMP v1 | Yes |
| ● SNMP v2 | Yes |
| ● SNMP v3 | Yes |
| type of configuration | WBM, CLI, SNMP |
| **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 |
| **product functions / security** | |
| firewall version | stateful inspection |
| product function / with VPN connection | OpenVPN (as client for SINEMA RC) |
| product function | |
| ● password protection | Yes |
| ● bandwidth limitation | No |
| ● NAT/NAPT | Yes |
| **product functions / time** | |
| protocol / is supported / NTP | Yes |
| product feature / hardware real time clock w. battery backup | Yes |
| **standards, specifications, approvals** | |
| standard | |
| ● for FM | FM 3611 (available soon) |
| ● for safety / from CSA and UL | UL 60950 / CSA C22.2 No. 60950-1-03, CSA C22.2 No. 213-M1987 (in preparation) |
| ● for emitted interference | EN 61000-6-4: 2007 |
| ● for interference immunity | EN 61000-6-2: 2005 |
| certificate of suitability | AS/NZS 2064 (Class A), EN 61000-6-2, EN 61000-6-4 |
| ● CE marking | Yes |
| ● C-Tick | Yes |
| **standards, specifications, approvals / marine classification** | |
| Marine classification association | |
| ● American Bureau of Shipping Europe Ltd. (ABS) | Yes |
| ● French marine classification society (BV) | Yes |
| ● DNV GL | Yes |


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| ● Korean Register of Shipping (KRS) | Yes |
| ● Lloyds Register of Shipping (LRS) | Yes |
| ● Nippon Kaiji Kyokai (NK) | Yes |
| ● Polski Rejestr Statkow (PRS) | Yes |
| ● Royal Institution of Naval Architects (RINA) | Yes |
| **standards, specifications, approvals / hazardous environments** | |
| standard / for hazardous zone | EN 60079-0: 2006, EN60079-15: 2005, II 3 G Ex nA IIC T4 Gc, KEMA 07ATEX0145 X |
| certificate of suitability / CCC / for hazardous zone according to GB standard | Yes |
| **accessories** | |
| product extension / optional / C-PLUG | Yes |
| **further information / internet-Links** | |
| Internet-Link | |
| ● to website: Industrial communication | http://www.siemens.com/simatic-net |
| ● to website: Industry Mall | https://mall.industry.siemens.com |
| ● to website: Information and Download Center | http://www.siemens.com/industry/infocenter |
| ● to website: Image database | http://automation.siemens.com/bilddb |
| ● to website: CAx-Download-Manager | http://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 security functions that support the secure operation of plants, solutions, machines, equipment and/or networks. They are important components in a holistic industrial security concept. With this in mind, Siemens' products and solutions undergo continuous development. Siemens recommends strongly that you regularly check for product updates. For the secure operation of Siemens products and solutions, it is necessary to take suitable preventive action(e.g. cell protection concept) and integrate each component into a holistic, state-of-the-art industrial security concept. Third-party products that may be in use should also be considered. For more information about industrial security, visit http://www.siemens.com/industrialsecurity. To stay informed about product updates as they occur, sign up for a product-specific newsletter. For more information, visit http://support.automation.siemens.com. (V3.4) |

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