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## Data sheet 6GK5326-2QS00-3RR3

SCALANCE XR326-2C PoE WG; managed IE Switch; 19" rack; 24 x 1GE electrical PoE ports 2 x 10GE electrical combo PoE ports; electrical o. optical; LED diagnostics; reset button; console port; PROFINET device; network management function; Redundancy Manager; No UL/FM approval; Power supply 240 V AC (85 – 264 V).



| | |
|---|---|
| **product type designation** | |
| product brand name | SCALANCE |
| product type designation | XR326-2C PoE WG |
| Technical Product Detail Page | https://i.siemens.com/1P6GK5326-2QS00-3RR3 |
| **transfer rate** | |
| transfer rate | 10, 100, 1000 Mbit/s |
| transfer rate | 2.5, 5, 10 Gbit/s |
| **interfaces / for communication / integrated** | |
| number of electrical connections | |
| ● for network components or terminal equipment | 26; RJ45 |
| ● for Power-over-Ethernet / for network components or terminal equipment | 26 |
| number of 10/100/1000 Mbit/s RJ45 ports | |
| ● with PoE | 24; PoE Ports according to IEEE802.3at (30 W) |
| number of 10/100/1000/10000 Mbit/s RJ45 ports / with PoE | 2 |
| number of combo ports / with RJ45 interface for optical plug-in transceiver | 2; 1000 Mbit/s, 2500 Mbit/s, 5000 Mbit/s, 10000 Mbit/s RJ45 port incl. PoE function and 1000 Mbit/s, 10000 Mbit/s SFP port |
| **interfaces / other** | |
| number of electrical connections | |
| ● for operator console | 1 |
| ● for power supply | 2 |
| type of electrical connection | |
| ● for operator console | RJ11 |
| ● for power supply | IEC plug C14 and terminal block for additional PoE power supply (max. 2 additional PSR9230 PoE possible, PoE power expandable to 570 W) |
| **supply voltage, current consumption, power loss** | |
| supplied active power / of PSE / with PoE | |
| ● total / maximum | 210 W |
| **type of voltage / 1 / of the supply voltage** | AC |
| ● supply voltage / 1 / rated value | 240 V; 100 V ... 240 V AC |
| ● supply voltage / 1 / voltage range | 85 ... 264 |
| ● consumed current / 1 / maximum | 4 A |
| ● product component / 1 / fusing at power supply input | Yes |
| ● fuse protection type / 1 / at input for supply voltage | F 4 A / 250 V |
| **ambient conditions** | |
| ambient temperature | |
| ● during operation | 0 ... 60 °C |
| ● during storage | -40 ... +85 °C |
| ● during transport | -40 ... +85 °C |
| relative humidity | |


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| ● at 25 °C / without condensation / during operation / maximum | 95 % |
| protection class IP | IP30 |
| **design, dimensions and weights** | |
| design | 19-inch rack |
| number of modular height units / relating to 19-inch cabinet | 1 |
| width | 482.6 mm |
| height | 43.6 mm |
| depth | 227.3 mm |
| net weight | 4.7 kg |
| material / of the enclosure | metal |
| fastening method | |
| ● 19-inch installation | Yes |
| ● 35 mm DIN-rail mounting | No |
| ● wall mounting | No |
| ● S7-300 rail mounting | No |
| ● S7-1500 rail mounting | No |
| **product features, product functions, product components / general** | |
| cascading in the case of a redundant ring / at reconfiguration time of <\~0.3\~s | 50 |
| cascading in cases of star topology | any (depending only on signal propagation time) |
| **product functions / management, configuration, engineering** | |
| product function | |
| ● CLI | Yes |
| ● web-based management | Yes |
| ● MIB support | Yes |
| ● TRAPs via email | Yes |
| ● configuration with STEP 7 | Yes |
| ● RMON | Yes |
| ● port mirroring | Yes |
| ● multiport mirroring | No |
| ● CoS | Yes |
| ● PROFINET IO diagnosis | Yes |
| ● switch-managed | Yes |
| PROFINET conformity class | B |
| network load class / according to PROFINET | III |
| protocol / is supported | |
| ● Telnet | Yes |
| ● HTTP | Yes |
| ● HTTPS | Yes |
| ● TFTP | Yes |
| ● FTP | Yes |
| ● BOOTP | Yes |
| ● GMRP | No |
| ● DCP | Yes |
| ● LLDP | Yes |
| ● SNMP v1 | Yes |
| ● SNMP v2 | Yes |
| ● SNMP v3 | Yes |
| ● IGMP (snooping/querier) | Yes |
| identification & maintenance function | |
| ● I&M0 - device-specific information | Yes |
| ● I&M1 - higher level designation/location designation | Yes |
| **product functions / diagnostics** | |
| product function | |
| ● port diagnostics | Yes |
| ● statistics Packet Size | Yes |
| ● statistics packet type | Yes |
| ● error statistics | Yes |


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| ● SysLog | Yes |
| **product functions / VLAN** | |
| product function | |
| ● VLAN - port based | Yes |
| ● VLAN - protocol-based | No |
| ● VLAN - IP-based | No |
| ● VLAN dynamic | Yes |
| number of VLANs / maximum | 257 |
| number of VLANs - dynamic / maximum | 257 |
| number of VLANs / at ring redundancy (HRP; MRP; standby link) | 257 |
| **product functions / DHCP** | |
| product function | |
| ● DHCP client | Yes |
| ● DHCP Option 82 | Yes |
| ● DHCP Option 66 | Yes |
| ● DHCP Option 67 | Yes |
| **product functions / redundancy** | |
| protocol / is supported / Media Redundancy Protocol (MRP) | Yes |
| product function | |
| ● media redundancy protocol (MRP) with redundancy manager | Yes |
| ● of the PROFINET IO device / is supported / H-Sync forwarding | No |
| ● ring redundancy | Yes |
| ● high speed redundancy protocol (HRP) with redundancy manager | Yes |
| ● high speed redundancy protocol (HRP) with standby redundancy | Yes |
| ● redundancy procedure STP | Yes |
| ● redundancy procedure RSTP | Yes |
| ● redundancy procedure MSTP | No |
| ● Parallel Redundancy Protocol (PRP)/operation in the PRP-network | Yes |
| ● Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA) | No |
| ● passive listening | Yes |
| protocol / is supported | |
| ● STP/RSTP | Yes |
| ● STP | Yes |
| ● RSTP | Yes |
| ● MSTP | No |
| ● RSTP big network support | Yes |
| ● LACP | No |
| **system modification during operation** | |
| product function / configuration in RUN via CiR/H-CiR | No |
| **product functions / security** | |
| product function | |
| ● IEEE 802.1x (radius) | Yes |
| ● broadcast/multicast/unicast limiter | Yes |
| ● broadcast blocking | Yes |
| protocol / is supported | |
| ● SSH | Yes |
| **product functions / time** | |
| product function | |
| ● SICLOCK support | Yes |
| ● SNTP client | Yes |
| protocol / is supported | |
| ● NTP | Yes |
| ● SNTP | Yes |
| ● IEEE 1588 profile default | No |


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| **standards, specifications, approvals** | |
| certificate of suitability | |
| ● CE marking | Yes |
| ● UKCA marking | Yes |
| ● KC approval | Yes |
| ● Regulatory Compliance Mark (RCM) | Yes |
| standard | |
| ● for EMC interference emission | EN 61000-6-4 |
| ● for immunity to EMC | EN 61000-6-2 |
| **standards, specifications, approvals / other** | |
| certificate of suitability | |
| ● railway application in accordance with EN 50155 | No |
| ● RoHS conformity | Yes |
| resistance to air pollution / conformity according to ANSI/ISA-71.04 | Yes; G3 |
| IT security for industrial automation systems / according to IEC 62443-4-2:2019 | Yes |
| **standards, specifications, approvals / Environmental Product Declaration** | |
| Environmental Product Declaration | Yes |
| global warming potential [CO2 eq] | |
| ● total | 931.69 kg |
| ● during manufacturing | 109.07 kg |
| ● during operation | 822.07 kg |
| ● after end of life | 0.55 kg |
| **product functions / general** | |
| MTBF | 25 a |
| warranty period | 5 a |
| product function / is supported / identification link | Yes; acc. to IEC 61406-1:2022 |
| **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) |

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|---|---|
| **Approvals / Certificates** | |
| Environmental Product Declaration | |
| ● global warming potential [CO2 eq] / during manufacturing | 109.07 kg |
| ● global warming potential [CO2 eq] / during operation | 822.07 kg |
| ● global warming potential [CO2 eq] / after end of life | 0.55 kg |
| ● global warming potential [CO2 eq] / total | 931.69 kg |


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| Environment | General Product Approval | | | | |
|---|---|---|---|---|---|
|  |  |  |  |  | TUEV |

| General Product Approval | Test Certificates | Industrial Communication |
|---|---|---|
| China RoHS | Type Test Certificates/Test Report | PROFINET |

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