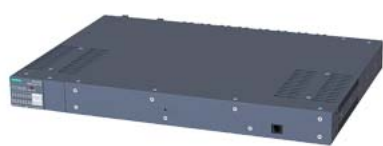


SCALANCE XR324-4M PoE; Managed IE switch, 19" rack; 8x 10/100/1000 Mbit/s for RJ45 ports electrical with PoE, 8x 10/100/1000 Mbit/s for RJ45 ports electrical without PoE 4x 10/100/1000 Mbit/s 2-port media modules, electrical or optical; LED diagnostics; error signaling Contact; Select/set pushbutton, PROFINET IO device; C-plug in scope of delivery; Power supply 230 V AC; Ports at the back.



| product type designation | |
|--|---|
| product brand name | SCALANCE |
| product type designation | XR324-4M PoE |
| Technical Product Detail Page | https://i.siemens.com/1P6GK5324-4QG10-3HR2 |
| transfer rate | |
| transfer rate | 10, 100, 1000 Mbit/s |
| interfaces / for communication / integrated | |
| number of electrical connections | |
| • for network components or terminal equipment | 16; RJ45 |
| • for Power-over-Ethernet / for network components or terminal equipment | 8 |
| number of 100 Mbit/s ST(BFOC) ports | |
| • for multimode | 8 |
| number of 100 Mbit/s SC ports | |
| • for multimode | 8 |
| interfaces / other | |
| number of electrical connections | |
| • for operator console | 1 |
| • for signaling contact | 1 |
| • for media module | 4 |
| • for power supply | 1 |
| type of electrical connection | |
| • for signaling contact | 2-pole terminal block |
| • for power supply | 2-pole terminal block |
| design of the removable storage | |
| • C-PLUG | Yes |
| 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 | |
| product component / connection for redundant voltage supply | Yes |
| type of voltage supply / redundant power supply unit | No |
| type of voltage / 1 / of the supply voltage | |
| • supply voltage / 1 / rated value | 230 V |
| • power loss [W] / 1 / rated value | 46 W |
| • supply voltage / 1 / voltage range | 85 ... 264 |
| • consumed current / 1 / maximum | 1 A |
| • type of electrical connection / 1 / for power supply | 2-pole terminal block |

| | |
|--|--|
| • product component / 1 / fusing at power supply input | Yes |
| ambient conditions | |
| ambient temperature | |
| • during operation | -40 ... +70 °C |
| • during storage | -40 ... +85 °C |
| • during transport | -40 ... +85 °C |
| • note | With vertical installation, the maximum operating temperature is reduced to 60 °C. |
| relative humidity | |
| • at 25 °C / without condensation / during operation / maximum | 95 % |
| protection class IP | IP20 |
| design, dimensions and weights | |
| design | 19-inch rack |
| number of modular height units / relating to 19-inch cabinet | 1 |
| width | 449 mm |
| height | 43.6 mm |
| depth | 305 mm |
| net weight | 6.8 kg |
| fastening method | When used in shipbuilding, the device must be secured in the 19" rack at four points |
| • 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 <1~0.31~s | 100 |
| 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 | Yes |
| • CoS | Yes |
| • PROFINET IO diagnosis | Yes |
| • switch-managed | Yes |
| PROFINET conformity class | B |
| protocol / is supported | |
| • Telnet | Yes |
| • HTTP | Yes |
| • HTTPS | Yes |
| • TFTP | Yes |
| • FTP | Yes |
| • BOOTP | Yes |
| • GMRP | Yes |
| • 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 |
| • 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 | 255 |
| number of VLANs - dynamic / maximum | 255 |
| 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 |
| • 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 | Yes |
| • passive listening | Yes |
| protocol / is supported | |
| • STP/RSTP | Yes |
| • STP | Yes |
| • RSTP | Yes |
| • MSTP | Yes |
| • RSTP big network support | Yes |
| • LACP | Yes |
| 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 |
| protocol / is supported | |
| • NTP | Yes |
| • SNTP | Yes |
| • IEEE 1588 profile default | Yes |
| standards, specifications, approvals | |
| certificate of suitability | |

| | |
|---|---|
| <ul style="list-style-type: none"> • CE marking • UKCA marking • cULus approval • KC approval • Regulatory Compliance Mark (RCM) | Yes Yes Yes Yes Yes |
| standard <ul style="list-style-type: none"> • for EMC interference emission • for immunity to EMC • for safety / from CSA and UL | EN 61000-6-4:2007 (Class A) EN 61000-6-2:2006 UL 508, CSA C22.2 No. 142-M1987 |
| standards, specifications, approvals / other | |
| certificate of suitability <ul style="list-style-type: none"> • RoHS conformity | Yes Yes |
| resistance to air pollution / conformity according to ANSI/ISA-71.04 | Yes; G3 |
| standards, specifications, approvals / marine classification | |
| certificate of suitability / shipbuilding approval / note | Certifications marked 'No' are currently under renewal. |
| Marine classification association <ul style="list-style-type: none"> • Det Norske Veritas (DNV) • Royal Institution of Naval Architects (RINA) | No Yes |
| standards, specifications, approvals / Environmental Product Declaration | |
| Environmental Product Declaration | Yes |
| global warming potential [CO2 eq] <ul style="list-style-type: none"> • total • during manufacturing • during operation • after end of life | 601.38 kg 207 kg 393.45 kg 0.93 kg |
| product functions / general | |
| warranty period | 5 a |
| further information / internet links | |
| internet link <ul style="list-style-type: none"> • to website: Selection guide for cables and connectors • to web page: selection aid TIA Selection Tool • to website: Industrial communication • to web page: SiePortal • to website: Image database • to website: CAX-Download-Manager • to website: Industry Online Support | https://support.industry.siemens.com/cs/ww/en/view/109766358 https://www.siemens.com/tstcloud https://www.siemens.com/simatic-net https://sieportal.siemens.com/ https://www.automation.siemens.com/bilddb https://www.siemens.com/cax https://support.industry.siemens.com |
| security information | |
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| Approvals / Certificates | |
| General Product Approval | |



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