

SCALANCE XR326-8; managed IE switch, 19" rack; 24x 100/1000 Mbps RJ45 ports; 2x 1000/10000 Mbps RJ45 port, 8x 1G/10G SFP+ port; LED diagnostics; error signaling contact; select/set button, PROFINET IO device, network management, integrated redundancy manager, office features (RSTP, VLAN, IGMP,...) CLP included in scope of supply; power supply 230 V AC;



|                                                                                                                                                                                                                                                                                                                              |                                                                                                                                  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| <b>product type designation</b>                                                                                                                                                                                                                                                                                              | <b>SCALANCE</b>                                                                                                                  |
| <b>transfer rate</b>                                                                                                                                                                                                                                                                                                         |                                                                                                                                  |
| transfer rate                                                                                                                                                                                                                                                                                                                | 10 Mbit/s, 100 Mbit/s, 1000 Mbit/s, 2.5 Gbit/s, 5 Gbit/s, 10 Gbit/s                                                              |
| <b>interfaces / for communication / integrated</b>                                                                                                                                                                                                                                                                           |                                                                                                                                  |
| number of electrical connections<br>• for network components or terminal equipment                                                                                                                                                                                                                                           | 26; RJ45                                                                                                                         |
| number of 10/100/1000 Mbit/s RJ45 ports / integrated<br>• with securing collar                                                                                                                                                                                                                                               | 26                                                                                                                               |
| number of 1000/2500/5000/10000 Mbps RJ45 ports / integrated<br>/ with securing collar                                                                                                                                                                                                                                        | 2                                                                                                                                |
| number of electrical connections<br>• for SFP+                                                                                                                                                                                                                                                                               | 8; 1000 Mbps and 10000 Mbps SFP usable                                                                                           |
| <b>interfaces / other</b>                                                                                                                                                                                                                                                                                                    |                                                                                                                                  |
| number of electrical connections<br>• for operator console<br>• for signaling contact<br>• for power supply                                                                                                                                                                                                                  | 1<br>1<br>1                                                                                                                      |
| type of electrical connection<br>• for operator console<br>• for signaling contact<br>• for power supply                                                                                                                                                                                                                     | USB (2.0 Port, Type B, serial via USB)<br>2-pole terminal block<br>IEC plug C14 AC supply or 2-pole terminal block for DC supply |
| design of the removable storage<br>• CLP                                                                                                                                                                                                                                                                                     | Yes                                                                                                                              |
| <b>signal inputs/outputs</b>                                                                                                                                                                                                                                                                                                 |                                                                                                                                  |
| operating voltage / of the signaling contacts<br>• at AC / rated value<br>• at DC / rated value                                                                                                                                                                                                                              | 24 V<br>24 V                                                                                                                     |
| operational current / of the signaling contacts<br>• at DC / maximum                                                                                                                                                                                                                                                         | 0.1 A                                                                                                                            |
| <b>supply voltage, current consumption, power loss</b>                                                                                                                                                                                                                                                                       |                                                                                                                                  |
| product component / connection for redundant voltage supply                                                                                                                                                                                                                                                                  | No                                                                                                                               |
| type of voltage supply / redundant power supply unit                                                                                                                                                                                                                                                                         | No                                                                                                                               |
| <b>type of voltage / 1 / of the supply voltage</b><br>• supply voltage / 1 / rated value<br>• power loss [W] / 1 / rated value<br>• supply voltage / 1 / rated value<br>• consumed current / 1 / maximum<br>• type of electrical connection / 1 / for power supply<br>• product component / 1 / fusing at power supply input | DC<br>240 V<br>99 W<br>77 ... 300 V<br>0.8 A<br>2 x 2-pole terminal block<br>Yes                                                 |
| <b>ambient conditions</b>                                                                                                                                                                                                                                                                                                    |                                                                                                                                  |



|                                                                         |     |
|-------------------------------------------------------------------------|-----|
| • SNMP v3                                                               | Yes |
| • IGMP (snooping/querier)                                               | Yes |
| identification & maintenance function                                   |     |
| • I&M0 - device-specific information                                    | Yes |
| • I&M1 - higher level designation/location designation                  | Yes |
| <b>product functions / diagnostics</b>                                  |     |
| product function                                                        |     |
| • port diagnostics                                                      | Yes |
| • statistics Packet Size                                                | Yes |
| • statistics packet type                                                | Yes |
| • error statistics                                                      | Yes |
| • SysLog                                                                | Yes |
| <b>product functions / VLAN</b>                                         |     |
| product function                                                        |     |
| • VLAN - port based                                                     | Yes |
| • VLAN - protocol-based                                                 | No  |
| • VLAN - IP-based                                                       | No  |
| number of VLANs / maximum                                               | 257 |
| number of VLANs - dynamic / maximum                                     | 257 |
| number of VLANs / at ring redundancy (HRP; MRP; standby link)           | 257 |
| protocol / is supported / GVRP                                          | Yes |
| <b>product functions / DHCP</b>                                         |     |
| product function                                                        |     |
| • DHCP server                                                           | Yes |
| • DHCP client                                                           | Yes |
| • DHCP Option 82                                                        | Yes |
| • DHCP Option 66                                                        | Yes |
| • DHCP Option 67                                                        | Yes |
| <b>product functions / redundancy</b>                                   |     |
| product function                                                        |     |
| • of the PROFINET IO device / is supported / PROFINET system redundancy | Yes |
| • ring redundancy                                                       | Yes |
| • High Speed Redundancy Protocol (HRP)                                  | Yes |
| • high speed redundancy protocol (HRP) with redundancy manager          | Yes |
| • high speed redundancy protocol (HRP) with standby redundancy          | Yes |
| protocol / is supported / Media Redundancy Protocol (MRP)               | Yes |
| product function                                                        |     |
| • media redundancy protocol (MRP) with redundancy manager               | Yes |
| • Media Redundancy Protocol Interconnection (MRP-I)                     | Yes |
| • of the PROFINET IO device / is supported / H-Sync forwarding          | Yes |
| • redundancy procedure STP                                              | Yes |
| • redundancy procedure RSTP                                             | Yes |
| • redundancy procedure RSTP+                                            | Yes |
| • redundancy procedure MSTP                                             | Yes |
| • 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                                                                  | Yes |
| <b>product functions / security</b>                                     |     |

|                                                                      |                                                                                                                                                                                                                                         |
|----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| product function                                                     |                                                                                                                                                                                                                                         |
| • IEEE 802.1x (radius)                                               | Yes                                                                                                                                                                                                                                     |
| • broadcast/multicast/unicast limiter                                | Yes                                                                                                                                                                                                                                     |
| • broadcast blocking                                                 | Yes                                                                                                                                                                                                                                     |
| protocol / is supported                                              |                                                                                                                                                                                                                                         |
| • SSH                                                                | Yes                                                                                                                                                                                                                                     |
| • SSL                                                                | Yes                                                                                                                                                                                                                                     |
| <b>product functions / time</b>                                      |                                                                                                                                                                                                                                         |
| product function                                                     |                                                                                                                                                                                                                                         |
| • SICLOCK support                                                    | Yes                                                                                                                                                                                                                                     |
| • NTP-client                                                         | Yes                                                                                                                                                                                                                                     |
| • SNTP client                                                        | Yes                                                                                                                                                                                                                                     |
| • IEEE 1588 v2 transparent forwarding                                | Yes                                                                                                                                                                                                                                     |
| protocol / is supported                                              |                                                                                                                                                                                                                                         |
| • NTP                                                                | Yes                                                                                                                                                                                                                                     |
| • SNTP                                                               | Yes                                                                                                                                                                                                                                     |
| • IEEE 1588 profile default                                          | No                                                                                                                                                                                                                                      |
| accuracy / at IEEE 1588 v2                                           |                                                                                                                                                                                                                                         |
| • not less than                                                      | 100 µs                                                                                                                                                                                                                                  |
| • typical                                                            | 50 ns                                                                                                                                                                                                                                   |
| <b>system modification during operation</b>                          |                                                                                                                                                                                                                                         |
| product function / configuration in RUN via CiR/H-CiR                | Yes                                                                                                                                                                                                                                     |
| <b>standards, specifications, approvals</b>                          |                                                                                                                                                                                                                                         |
| standard                                                             |                                                                                                                                                                                                                                         |
| • for FM                                                             | in preparation                                                                                                                                                                                                                          |
| • for safety / from CSA and UL                                       | in preparation                                                                                                                                                                                                                          |
| • for emitted interference                                           | EN 61000-6-4 (Class A)                                                                                                                                                                                                                  |
| • for interference immunity                                          | EN 61000-6-2                                                                                                                                                                                                                            |
| MTBF                                                                 | 8.3 a                                                                                                                                                                                                                                   |
| • reference temperature                                              | 40 °C                                                                                                                                                                                                                                   |
| reference code                                                       |                                                                                                                                                                                                                                         |
| • according to IEC 81346-2                                           | KF                                                                                                                                                                                                                                      |
| • according to IEC 81346-2:2019                                      | KFE                                                                                                                                                                                                                                     |
| <b>standards, specifications, approvals / CE</b>                     |                                                                                                                                                                                                                                         |
| certificate of suitability / CE marking                              | Yes                                                                                                                                                                                                                                     |
| product conformity / according to EMC-guideline                      | 2014/30/EU                                                                                                                                                                                                                              |
| standard                                                             |                                                                                                                                                                                                                                         |
| • for EMC interference emission                                      | EN 61000-6-4, EN 50121-9                                                                                                                                                                                                                |
| • for immunity to EMC                                                | EN 61000-6-2, EN 50121-4                                                                                                                                                                                                                |
| certificate of suitability / RoHS conformity                         | Yes; 2011/65/EU                                                                                                                                                                                                                         |
| <b>standards, specifications, approvals / hazardous environments</b> |                                                                                                                                                                                                                                         |
| standard / for hazardous zone                                        | in preparation                                                                                                                                                                                                                          |
| • from CSA and UL                                                    | in preparation                                                                                                                                                                                                                          |
| <b>standards, specifications, approvals / other</b>                  |                                                                                                                                                                                                                                         |
| certificate of suitability                                           |                                                                                                                                                                                                                                         |
| • C-Tick                                                             | Yes                                                                                                                                                                                                                                     |
| • KC approval                                                        | Yes                                                                                                                                                                                                                                     |
| <b>further information / internet links</b>                          |                                                                                                                                                                                                                                         |
| internet link                                                        |                                                                                                                                                                                                                                         |
| • to web page: selection aid TIA Selection Tool                      | <a href="http://www.siemens.com/tia-selection-tool">http://www.siemens.com/tia-selection-tool</a>                                                                                                                                       |
| • to website: Industrial communication                               | <a href="http://www.siemens.com/simatic-net">http://www.siemens.com/simatic-net</a>                                                                                                                                                     |
| • to website: Industry Mall                                          | <a href="https://mall.industry.siemens.com">https://mall.industry.siemens.com</a>                                                                                                                                                       |
| • to website: Information and Download Center                        | <a href="http://www.siemens.com/industry/infocenter">http://www.siemens.com/industry/infocenter</a>                                                                                                                                     |
| • to website: Image database                                         | <a href="http://automation.siemens.com/bilddb">http://automation.siemens.com/bilddb</a>                                                                                                                                                 |
| • to website: CAX-Download-Manager                                   | <a href="http://www.siemens.com/cax">http://www.siemens.com/cax</a>                                                                                                                                                                     |
| • to website: Industry Online Support                                | <a href="https://support.industry.siemens.com">https://support.industry.siemens.com</a>                                                                                                                                                 |
| <b>security information</b>                                          |                                                                                                                                                                                                                                         |
| 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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