

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)



<b>product type designation</b>	<b>SCALANCE XR326-2C PoE WG</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 <ul style="list-style-type: none"> <li>for network components or terminal equipment</li> <li>for Power-over-Ethernet / for network components or terminal equipment</li> </ul>	26; RJ45 26
number of 10/100/1000 Mbit/s RJ45 ports / integrated <ul style="list-style-type: none"> <li>with PoE</li> </ul>	24; PoE Ports according to IEEE802.3at (30 W)
number of 10/100/1000/10000 Mbit/s RJ45 ports / integrated / with PoE	2; PoE Ports according to IEEE802.3bt (60 W) executed as combo port
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
<b>interfaces / other</b>	
number of electrical connections <ul style="list-style-type: none"> <li>for operator console</li> <li>for power supply</li> </ul>	1 2
type of electrical connection <ul style="list-style-type: none"> <li>for operator console</li> <li>for power supply</li> </ul>	RJ11 inlet connector for heating apparatus C14 and terminal block for additional PoE Power Supply
<b>supply voltage, current consumption, power loss</b>	
product component / power supply for PoE	Yes
product feature <ul style="list-style-type: none"> <li>modular power supply</li> </ul>	Yes
supplied active power / of PSE / with PoE <ul style="list-style-type: none"> <li>total / maximum</li> </ul>	210 W
<b>type of voltage / 1 / of the supply voltage</b> <ul style="list-style-type: none"> <li>supply voltage / 1 / rated value</li> <li>supply voltage / 1 / rated value</li> <li>consumed current / 1 / maximum</li> <li>product component / 1 / fusing at power supply input</li> </ul>	240 V 85 ... 264 V 4 A Yes
<b>ambient conditions</b>	
ambient temperature <ul style="list-style-type: none"> <li>during operation</li> <li>during storage</li> <li>during transport</li> </ul>	0 ... 60 °C -40 ... +85 °C -40 ... +85 °C

relative humidity	
<ul style="list-style-type: none"> <li>at 25 °C / without condensation / during operation / maximum</li> </ul>	95 %
protection class IP	IP30
<b>design, dimensions and weights</b>	
design	19" 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	
<ul style="list-style-type: none"> <li>19-inch installation</li> </ul>	Yes
<ul style="list-style-type: none"> <li>35 mm top hat DIN rail mounting</li> </ul>	No
<ul style="list-style-type: none"> <li>wall mounting</li> </ul>	No
<ul style="list-style-type: none"> <li>S7-300 rail mounting</li> </ul>	No
<ul style="list-style-type: none"> <li>S7-1500 rail mounting</li> </ul>	No
<b>product features, product functions, product components / general</b>	
cascading in the case of a redundant ring / at reconfiguration time of <math>\sim 0.3\text{ s}</math>	50
cascading in cases of star topology	any (depending only on signal propagation time)
<b>product functions / management, configuration, engineering</b>	
product function	
<ul style="list-style-type: none"> <li>CLI</li> </ul>	Yes
<ul style="list-style-type: none"> <li>web-based management</li> </ul>	Yes
<ul style="list-style-type: none"> <li>MIB support</li> </ul>	Yes
<ul style="list-style-type: none"> <li>TRAPs via email</li> </ul>	Yes
<ul style="list-style-type: none"> <li>configuration with STEP 7</li> </ul>	Yes
<ul style="list-style-type: none"> <li>RMON</li> </ul>	Yes
<ul style="list-style-type: none"> <li>port mirroring</li> </ul>	Yes
<ul style="list-style-type: none"> <li>multiport mirroring</li> </ul>	No
<ul style="list-style-type: none"> <li>CoS</li> </ul>	Yes
<ul style="list-style-type: none"> <li>PROFINET IO diagnosis</li> </ul>	Yes
PROFINET conformity class	B
network load class / acc. to PROFINET	3
product function / switch-managed	Yes
protocol / is supported	
<ul style="list-style-type: none"> <li>Telnet</li> </ul>	Yes
<ul style="list-style-type: none"> <li>HTTP</li> </ul>	Yes
<ul style="list-style-type: none"> <li>HTTPS</li> </ul>	Yes
<ul style="list-style-type: none"> <li>TFTP</li> </ul>	Yes
<ul style="list-style-type: none"> <li>FTP</li> </ul>	Yes
<ul style="list-style-type: none"> <li>BOOTP</li> </ul>	Yes
<ul style="list-style-type: none"> <li>GMRP</li> </ul>	No
<ul style="list-style-type: none"> <li>DCP</li> </ul>	Yes
<ul style="list-style-type: none"> <li>LLDP</li> </ul>	Yes
<ul style="list-style-type: none"> <li>SNMP v1</li> </ul>	Yes
<ul style="list-style-type: none"> <li>SNMP v2</li> </ul>	Yes
<ul style="list-style-type: none"> <li>SNMP v3</li> </ul>	Yes
<ul style="list-style-type: none"> <li>IGMP (snooping/querier)</li> </ul>	Yes
identification & maintenance function	
<ul style="list-style-type: none"> <li>I&amp;M0 - device-specific information</li> </ul>	Yes
<ul style="list-style-type: none"> <li>I&amp;M1 – higher level designation/location designation</li> </ul>	Yes
<b>product functions / diagnostics</b>	
product function	
<ul style="list-style-type: none"> <li>port diagnostics</li> </ul>	Yes

<ul style="list-style-type: none"> <li>● statistics Packet Size</li> </ul>	Yes
<ul style="list-style-type: none"> <li>● statistics packet type</li> </ul>	Yes
<ul style="list-style-type: none"> <li>● error statistics</li> </ul>	Yes
<ul style="list-style-type: none"> <li>● SysLog</li> </ul>	Yes
<b>product functions / VLAN</b>	
product function	
<ul style="list-style-type: none"> <li>● VLAN - port based</li> </ul>	Yes
<ul style="list-style-type: none"> <li>● VLAN - protocol-based</li> </ul>	No
<ul style="list-style-type: none"> <li>● VLAN - IP-based</li> </ul>	No
<ul style="list-style-type: none"> <li>● VLAN dynamic</li> </ul>	Yes
number of VLANs / maximum	257
protocol / is supported / GVRP	No
<b>product functions / DHCP</b>	
product function	
<ul style="list-style-type: none"> <li>● DHCP client</li> </ul>	Yes
<ul style="list-style-type: none"> <li>● DHCP Option 82</li> </ul>	Yes
<ul style="list-style-type: none"> <li>● DHCP Option 66</li> </ul>	Yes
<ul style="list-style-type: none"> <li>● DHCP Option 67</li> </ul>	Yes
<b>product functions / redundancy</b>	
product function	
<ul style="list-style-type: none"> <li>● ring redundancy</li> </ul>	Yes
<ul style="list-style-type: none"> <li>● High Speed Redundancy Protocol (HRP)</li> </ul>	Yes
<ul style="list-style-type: none"> <li>● high speed redundancy protocol (HRP) with redundancy manager</li> </ul>	Yes
<ul style="list-style-type: none"> <li>● high speed redundancy protocol (HRP) with standby redundancy</li> </ul>	Yes
protocol / is supported / Media Redundancy Protocol (MRP)	Yes
product function	
<ul style="list-style-type: none"> <li>● media redundancy protocol (MRP) with redundancy manager</li> </ul>	Yes
<ul style="list-style-type: none"> <li>● of the PROFINET IO device / is supported / H-Sync forwarding</li> </ul>	No
<ul style="list-style-type: none"> <li>● redundancy procedure STP</li> </ul>	Yes
<ul style="list-style-type: none"> <li>● redundancy procedure RSTP</li> </ul>	Yes
<ul style="list-style-type: none"> <li>● redundancy procedure MSTP</li> </ul>	No
<ul style="list-style-type: none"> <li>● Parallel Redundancy Protocol (PRP)/operation in the PRP-network</li> </ul>	Yes
<ul style="list-style-type: none"> <li>● Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA)</li> </ul>	No
<ul style="list-style-type: none"> <li>● passive listening</li> </ul>	Yes
protocol / is supported	
<ul style="list-style-type: none"> <li>● STP/RSTP</li> </ul>	Yes
<ul style="list-style-type: none"> <li>● STP</li> </ul>	Yes
<ul style="list-style-type: none"> <li>● RSTP</li> </ul>	Yes
<ul style="list-style-type: none"> <li>● MSTP</li> </ul>	No
<ul style="list-style-type: none"> <li>● RSTP big network support</li> </ul>	Yes
<ul style="list-style-type: none"> <li>● LACP</li> </ul>	No
<b>product functions / security</b>	
product function	
<ul style="list-style-type: none"> <li>● ACL - MAC-based</li> </ul>	Yes
<ul style="list-style-type: none"> <li>● ACL - port/MAC-based</li> </ul>	Yes
<ul style="list-style-type: none"> <li>● IEEE 802.1x (radius)</li> </ul>	Yes
<ul style="list-style-type: none"> <li>● broadcast/multicast/unicast limiter</li> </ul>	Yes
<ul style="list-style-type: none"> <li>● broadcast blocking</li> </ul>	Yes
protocol / is supported	
<ul style="list-style-type: none"> <li>● SSH</li> </ul>	Yes
<b>product functions / time</b>	
product function	

<ul style="list-style-type: none"> <li>• SICLOCK support</li> </ul>	Yes
protocol / is supported	
<ul style="list-style-type: none"> <li>• NTP</li> </ul>	Yes
<ul style="list-style-type: none"> <li>• SNTP</li> </ul>	Yes
<ul style="list-style-type: none"> <li>• IEEE 1588 profile default</li> </ul>	No
<b>system modification during operation</b>	
product function / configuration in RUN via CiR/H-CiR	No
<b>standards, specifications, approvals</b>	
standard	
<ul style="list-style-type: none"> <li>• for emitted interference</li> </ul>	EN 61000-6-4
<ul style="list-style-type: none"> <li>• for interference immunity</li> </ul>	EN 61000-6-2
IT security for industrial automation systems / according to IEC 62443-4-2:2019	Yes
MTBF	25 y
<b>standards, specifications, approvals / CE</b>	
certificate of suitability / CE marking	Yes
<b>standards, specifications, approvals / other</b>	
certificate of suitability	
<ul style="list-style-type: none"> <li>• C-Tick</li> </ul>	Yes
<ul style="list-style-type: none"> <li>• KC approval</li> </ul>	Yes
<ul style="list-style-type: none"> <li>• railway application in accordance with EN 50155</li> </ul>	No
<ul style="list-style-type: none"> <li>• EAC approval</li> </ul>	Yes
<b>accessories</b>	
accessories	PSR9230PoE
<b>further information / internet-Links</b>	
Internet-Link	
<ul style="list-style-type: none"> <li>• to web page: selection aid TIA Selection Tool</li> </ul>	<a href="http://www.siemens.com/tia-selection-tool">http://www.siemens.com/tia-selection-tool</a>
<ul style="list-style-type: none"> <li>• to website: Industrial communication</li> </ul>	<a href="http://www.siemens.com/simatic-net">http://www.siemens.com/simatic-net</a>
<ul style="list-style-type: none"> <li>• to website: Industry Mall</li> </ul>	<a href="https://mall.industry.siemens.com">https://mall.industry.siemens.com</a>
<ul style="list-style-type: none"> <li>• to website: Information and Download Center</li> </ul>	<a href="http://www.siemens.com/industry/infocenter">http://www.siemens.com/industry/infocenter</a>
<ul style="list-style-type: none"> <li>• to website: Image database</li> </ul>	<a href="http://automation.siemens.com/bilddb">http://automation.siemens.com/bilddb</a>
<ul style="list-style-type: none"> <li>• to website: CAx-Download-Manager</li> </ul>	<a href="http://www.siemens.com/cax">http://www.siemens.com/cax</a>
<ul style="list-style-type: none"> <li>• to website: Industry Online Support</li> </ul>	<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 <a href="http://www.siemens.com/industrialsecurity">http://www.siemens.com/industrialsecurity</a> . To stay informed about product updates as they occur, sign up for a product-specific newsletter. For more information, visit <a href="http://support.automation.siemens.com">http://support.automation.siemens.com</a> . (V3.4)

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