

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



product type designation	SCALANCE
transfer rate	
transfer rate	10 Mbit/s, 100 Mbit/s, 1000 Mbit/s, 2.5 Gbit/s, 5 Gbit/s, 10 Gbit/s
interfaces / for communication / integrated	
number of electrical connections • for network components or terminal equipment	26; RJ45
number of 10/100/1000 Mbit/s RJ45 ports / integrated • with securing collar	26
number of 1000/2500/5000/10000 Mbps RJ45 ports / integrated / with securing collar	2
number of electrical connections • for SFP+	8; 1000 Mbps and 10000 Mbps SFP usable
interfaces / other	
number of electrical connections • for operator console • for signaling contact • for power supply	1 1 2
type of electrical connection • for operator console • for signaling contact • for power supply	USB (2.0 Port, Type B, serial via USB) 2-pole terminal block IEC plug C14 AC supply or 2-pole terminal block for DC supply
design of the removable storage • CLP	Yes
signal inputs/outputs	
operating voltage / of the signaling contacts • at AC / rated value • at DC / rated value	24 V 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	Yes
type of voltage / 1 / of the supply voltage • supply voltage / 1 / rated value • power loss [W] / 1 / rated value • supply voltage / 1 / rated value • consumed current / 1 / maximum • type of electrical connection / 1 / for power supply • product component / 1 / fusing at power supply input	DC 240 V 99 W 77 ... 300 V 0.8 A 2 x 2-pole terminal block Yes
type of voltage / 2 / of the supply voltage	

<ul style="list-style-type: none"> • supply voltage / 2 / rated value • power loss [W] / 2 / rated value • supply voltage / 2 / rated value • consumed current / 2 / maximum • type of electrical connection / 2 / for power supply 	240 V 99 W 85 ... 264 V 0.8 A C14, IEC plug
ambient conditions	
ambient temperature / in horizontal mounting position / during operation	-25 ... +60 °C; Starting at -25 °C; The maximum ambient temperature during operation depends on the operating height and the plug-in transceivers, see also manual.
ambient temperature / during storage and transport	-40 ... +85 °C
installation altitude / at height above sea level / maximum	3000 m
relative humidity <ul style="list-style-type: none"> • at 25 °C / without condensation / during operation / maximum 	95 %
operating condition / fanless operation	Yes
protection class IP	IP20
design, dimensions and weights	
design	19" rack
number of modular height units / relating to 19-inch cabinet	1
width	446 mm
height	43.6 mm
depth	374.8 mm
net weight	8.4 kg
material / of the enclosure	metal
fastening method <ul style="list-style-type: none"> • 19-inch installation 	Yes
product features, product functions, product components / general	
cascading in the case of a redundant ring / at reconfiguration time of <1~0.31~s	50
cascading in cases of star topology	any (depending only on signal propagation time)
number of automatically learnable MAC addresses	16382
number of QoS queues / per port	8
product function / QoS according to IEEE 802.1Q	Yes
product feature <ul style="list-style-type: none"> • Store & Forward switching method 	Yes
product functions / management, configuration, engineering	
product function <ul style="list-style-type: none"> • CLI • web-based management • MIB support • TRAPs via email • configuration with STEP 7 • RMON • SMTP server • port mirroring • multiport mirroring • Encapsulated Remote Traffic Mirroring (ERTM) • CoS • PROFINET IO diagnosis 	Yes Yes Yes Yes Yes Yes No Yes Yes Yes Yes Yes Yes
PROFINET conformity class	B
network load class / according to PROFINET	3
product function / switch-managed	Yes
telegram length / for Ethernet / maximum	9194 byte
protocol / is supported <ul style="list-style-type: none"> • Telnet • HTTP • HTTPS • TFTP • FTP • SFTP • BOOTP • NETCONF 	Yes Yes Yes Yes Yes Yes Yes Yes

• GMRP	Yes
• DCP	Yes
• LLDP	Yes
• EtherNet/IP	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
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
product functions / DHCP	
product function	
• DHCP server	Yes
• DHCP client	Yes
• DHCP Option 82	Yes
• DHCP Option 66	Yes
• DHCP Option 67	Yes
product functions / redundancy	
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

<ul style="list-style-type: none"> • STP • RSTP • MSTP • RSTP big network support • LACP 	Yes Yes No Yes Yes
product functions / security	
product function	
<ul style="list-style-type: none"> • IEEE 802.1x (radius) • broadcast/multicast/unicast limiter • broadcast blocking 	Yes Yes Yes
protocol / is supported	
<ul style="list-style-type: none"> • SSH • SSL 	Yes Yes
product functions / time	
product function	
<ul style="list-style-type: none"> • SICLOCK support • NTP-client • SNTP client • IEEE 1588 v2 transparent forwarding 	Yes Yes Yes Yes
protocol / is supported	
<ul style="list-style-type: none"> • NTP • SNTP • IEEE 1588 profile default 	Yes Yes No
accuracy / at IEEE 1588 v2	
<ul style="list-style-type: none"> • not less than • typical 	100 µs 50 ns
system modification during operation	
product function / configuration in RUN via CiR/H-CiR	Yes
standards, specifications, approvals	
standard	
<ul style="list-style-type: none"> • for FM • for safety / from CSA and UL • for emitted interference • for interference immunity 	in preparation in preparation EN 61000-6-4 (Class A) EN 61000-6-2
MTBF	10.2 a
<ul style="list-style-type: none"> • reference temperature 	40 °C
reference code	
<ul style="list-style-type: none"> • according to IEC 81346-2 • according to IEC 81346-2:2019 	KF KFE
standards, specifications, approvals / CE	
certificate of suitability / CE marking	Yes
product conformity / according to EMC-guideline	2014/30/EU
standard	
<ul style="list-style-type: none"> • for EMC interference emission • for immunity to EMC 	EN 61000-6-4, EN 50121-9 EN 61000-6-2, EN 50121-4
certificate of suitability / RoHS conformity	Yes; 2011/65/EU
standards, specifications, approvals / hazardous environments	
standard / for hazardous zone	in preparation
<ul style="list-style-type: none"> • from CSA and UL 	in preparation
standards, specifications, approvals / other	
certificate of suitability	
<ul style="list-style-type: none"> • C-Tick • KC approval 	Yes Yes
further information / internet links	
internet link	
<ul style="list-style-type: none"> • to web page: selection aid TIA Selection Tool • to website: Industrial communication • to website: Industry Mail • to website: Information and Download Center 	http://www.siemens.com/tia-selection-tool http://www.siemens.com/simatic-net https://mall.industry.siemens.com http://www.siemens.com/industry/infocenter

- to website: Image database
- to website: CAX-Download-Manager
- to website: Industry Online Support

<http://automation.siemens.com/bilddb>
<http://www.siemens.com/cax>
<https://support.industry.siemens.com>

security information

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