

SCALANCE XR526-8C; managed IE switch; Layer 3 integrated; Power supply 24 V DC; 24x 10/100/1000 Mbit/s RJ45; 8x 100/1000 Mbit/s SFP Combo; 2x 10 Gbit/s SFP+; in total 26 ports can be used; error signaling contact; select/set pushbutton; PROFINET IO device; redundancy functions; office features (RSTP, VLAN, IGMP, ...); C-plug in scope of supply.



product type designation	
product brand name	SCALANCE
product type designation	XR526-8C
transfer rate	
transfer rate	10, 100, 1000 Mbit/s
transfer rate	10 Gbit/s
interfaces / for communication / integrated	
number of electrical connections	
• for network components or terminal equipment	24; RJ45
number of 100 Mbit/s ST(BFOC) ports	
• for multimode	0
number of 100 Mbit/s SC ports	
• for multimode	0
number of electrical connections	
• for SFP	8
• for SFP+	2
number of combo ports / with RJ45 interface for optical plug-in transceiver	8
interfaces / for communication / plug-in	
number of electrical connections	
• for SFP	10
• for SFP+	2
interfaces / other	
number of electrical connections	
• for operator console	1
• for signaling contact	1
• for power supply	1
type of electrical connection	
• for operator console	RJ11
• for management purposes	RJ45
• for signaling contact	2-pole terminal block
• for power supply	4-pole terminal block
product feature / hot-swappable interface modules	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	DC
• supply voltage / 1 / rated value	24 V
• power loss [W] / 1 / rated value	36 W
• supply voltage / 1 / rated value	19.2 ... 28.8 V
• consumed current / 1 / maximum	1.5 A
• type of electrical connection / 1 / for power supply	4-pole terminal block
• product component / 1 / fusing at power supply input	Yes
• fuse protection type / 1 / at input for supply voltage	3.15 A / 250 V
ambient conditions	
ambient temperature	
• during operation	0 ... 50 °C
• during storage	-40 ... +85 °C
• during transport	-40 ... +85 °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	44 mm
depth	305 mm
net weight	4 kg
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
type of cable outlet	Cable outlet at front
product features, product functions, product components / general	
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
telegram length / for Ethernet / maximum	9216 byte
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	Yes
VLAN - IP-based	Yes
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 / routing	
service / routing / note	IP routing integrated
product function	
static IP routing	Yes
static IP routing IPv6	Yes
dynamic IP routing	Yes
dynamic IP routing IPv6	Yes
protocol / is supported	
RIPv2	Yes
RIPnG for IPv6	Yes
OSPFv2	Yes
OSPFv3 for IPv6	Yes
VRRP	Yes
VRRP for IPv6	Yes
product functions / redundancy	
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
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 RSTP+	Yes
redundancy procedure MSTP	Yes
passive listening	Yes
protocol / is supported	
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
standards, specifications, approvals	
certificate of suitability	
• CE marking	Yes
• KC approval	Yes
• Regulatory Compliance Mark (RCM)	Yes
standard	
• for EMC interference emission	EN 61000-6-4 (Class A)
• for immunity to EMC	EN 61000-6-2
• for safety / from CSA and UL	UL 60950-1; CSA C22.2 No. 213-M1987
standards, specifications, approvals / hazardous environments	
certificate of suitability	
• ATEX	Yes
• UKEX	Yes
• IECEx	Yes
• ULhazloc approval	Yes
• CCC / for hazardous zone according to GB standard	Yes
• FM registration	Yes
standards, specifications, approvals / other	
certificate of suitability	
• 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	614.57 kg
• during manufacturing	225.96 kg
• during operation	387.76 kg
• after end of life	0.85 kg
product functions / general	
reference code	
• according to IEC 81346-2	KF
• according to IEC 81346-2:2019	KFE
Warranty period	5 a
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)

Approvals / Certificates

General Product Approval



[Declaration of Con-
formity](#)



[China RoHS](#)



EMV	For use in hazardous locations	Test Certificates
-----	--------------------------------	-------------------

[KC](#)



[FM](#)

[CCC-Ex](#)

[Type Test Certi-
ficates/Test Report](#)

Maritime application



[NK / Nippon Kaiji Ky-
okai](#)



Maritime application	Environment	Industrial Communication
----------------------	-------------	--------------------------



[PROFINET](#)

last modified:

7/15/2025