SIEMENS

Data sheet

6GK5526-8GS00-4AR2

SCALANCE XR526-8C; managed IE switch; layer 3 with Key-Plug available; power supply 2x 230 V AC; 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.



number of electrical connections• for operator console1• for operator console1• for management purposes1• for signaling contact1• for power supply1type of electrical connection1• for operator consoleRJ11• for management purposesRJ45• for signaling contact2-pole terminal block• for power supply4-pole terminal block• for power supplyYes	product type designation	SCALANCE XR526-8C
Interfaces / for communication / integrated number of electrical connections 24; RJ45 number of 100 Mbit/s ST (BFCC) ports 0 • for multimode 0 number of 100 Mbit/s ST (BFCC) ports 0 • for multimode 0 number of 100 Mbit/s SC ports 0 • for multimode 0 • for multimode 8 • for single mode (LD) 8 • for SFP 2 number of electrical connections 8 • for SFP 10 • for SFP 10 • for SFP 10 • for SFP 1 number of electrical connections 1 • for operator console 1 <t< td=""><td>transfer rate</td><td></td></t<>	transfer rate	
number of electrical connections 24; RJ45 number of 100 Mbit/s ST(BFOC) ports 0 i for multimode 0 number of 100 Mbit/s SC ports 0 i for multimode 0 number of 100 Mbit/s SC ports 0 i for multimode 0 number of 100 Mbit/s SC ports 0 i for multimode 8 i for multimode 8 i for single mode (LD) 8 number of electrical connections 8 i for SFP 2 number of orbot ports / with RJ45 interface for optical plug-in transceiver 8 interfaces / for communication / plug-in number of electrical connections 10 i for SFP 10 i for SFP 2 number of electrical connections 1 i for SFP 2 number of electrical connections 1 i for operator console 2	transfer rate	10 Mbit/s, 100 Mbit/s, 1000 Mbit/s, 10 Gbit/s
• for network components or terminal equipment24; RJ45number of 100 Mbit's ST(BFOC) ports0• for multimode0number of 100 Mbit's SC ports0• for multimode0• for multimode8• for single mode (LD)8• for single mode (LD)8• for SFP2number of combo ports / with RJ45 interface for optical plug-in transceiver8• for SFP2number of electrical connections8• for SFP10• for SFP2number of electrical connections8• for SFP10• for span1• for span1• for operator console1• for operator consoleRJ45• for signaling contact2-pole terminal block• for signaling contact2-pole terminal block• for power supply4-pole terminal block• for power supply4-pole terminal block• for signaling contact2-pole terminal block• for power supply4-pole terminal block• for signaling co	interfaces / for communication / integrated	
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number of 100 Mbit/s SC ports 0 number of 1000 Mbit/s LC ports 0 • for multimode 8 • for single mode (LD) 8 number of electrical connections 8 • for SFP 8 • for SFP 8 number of combo ports / with RJ45 interface for optical plug-in transceiver 8 interfaces / for communication / plug-in 8 number of electrical connections 8 • for SFP 10 • for SFP+ 2 interfaces / for communication / plug-in 10 number of electrical connections 1 • for SFP 10 • for SFP+ 2 interfaces / other 1 number of electrical connections 1 • for operator console 1 • for management purposes RJ45 • for management purposes RJ45 • for management purposes Poie	number of 100 Mbit/s ST(BFOC) ports	
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• for SFP+2number of combo ports / with RJ45 interface for optical plug-in transceiver8interfaces / for communication / plug-in1number of electrical connections10• for SFP10• for SFP+2interfaces / other2number of electrical connections1• for operator console1• for signaling contact1• for power supply1type of electrical connection1• for operator console1• for signaling contact1• for operator console1• for power supply1type of electrical connection2-pole terminal block• for operator consoleRJ11• for operator console2-pole terminal block• for signaling contact2-pole terminal block• for signaling contactYes• for signaling contact2-pole terminal block	number of electrical connections	
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number of electrical connections 10 for SFP 2 interfaces / other 2 number of electrical connections 1 of or operator console 1 of or management purposes 1 of or signaling contact 1 of or operator console 1 of or signaling contact 1 of or operator console 1 of or power supply 1 type of electrical connection RJ11 of or operator console RJ45 of or signaling contact 2-pole terminal block of or power supply 4-pole terminal block of or power supply 4-pole terminal block of or power supply 4-pole terminal block		8
• for SFP10• for SFP+2interfaces / other.number of electrical connections1• for operator console1• for management purposes1• for signaling contact1• for operator console1• for operator console1• for signaling contact1• for operator console1• for operator console1• for operator console1• for operator consoleRJ11• for operator consoleRJ45• for signaling contact2-pole terminal block• for signaling contact2-pole terminal block• for power supply4-pole terminal block• for power supplyYes	interfaces / for communication / plug-in	
• for SFP+2interfaces / othernumber of electrical connections1• for operator console1• for management purposes1• for signaling contact1• for power supply1• type of electrical connectionFULL• for operator consoleRJ11• for operator consoleRJ45• for signaling contact2-pole terminal block• for signaling contact2-pole terminal block• for signaling contactYes• for signaling contactYes	number of electrical connections	
interfaces / other number of electrical connections • for operator console • for management purposes • for signaling contact • for power supply 1 • type of electrical connection • for operator console • for operator console • for power supply 1 • for operator console • for operator console • for operator console • for management purposes • for signaling contact • for power supply • design of the removable storage • C-PLUG/KEY-PLUG Yes product feature / hot-swappable interface modules Yes	for SFP	10
number of electrical connections• for operator console1• for operator console1• for management purposes1• for signaling contact1• for power supply1type of electrical connection1• for operator consoleRJ11• for management purposesRJ45• for signaling contact2-pole terminal block• for power supply4-pole terminal block• for power supplyYes	• for SFP+	2
• for operator console1• for management purposes1• for signaling contact1• for power supply1• type of electrical connectionKJ11• for operator consoleRJ45• for signaling contact2-pole terminal block• for power supply4-pole terminal block• for power supplyYes	interfaces / other	
• for management purposes1• for signaling contact1• for power supply1type of electrical connection-• for operator consoleRJ11• for management purposesRJ45• for signaling contact2-pole terminal block• for power supply4-pole terminal block• for power supplyYes	number of electrical connections	
• for signaling contact1• for power supply1type of electrical connectionF• for operator consoleRJ11• for management purposesRJ45• for signaling contact2-pole terminal block• for power supply4-pole terminal block• c-PLUG/KEY-PLUGYesproduct feature / hot-swappable interface modulesYes	 for operator console 	1
• for power supply1type of electrical connectionF• for operator consoleRJ11• for management purposesRJ45• for signaling contact2-pole terminal block• for power supply4-pole terminal block• c-PLUG/KEY-PLUGYesproduct feature / hot-swappable interface modulesYes	 for management purposes 	1
type of electrical connection RJ11 • for operator console RJ45 • for signaling contact 2-pole terminal block • for power supply 4-pole terminal block design of the removable storage Yes product feature / hot-swappable interface modules Yes	 for signaling contact 	1
• for operator consoleRJ11• for management purposesRJ45• for signaling contact2-pole terminal block• for power supply4-pole terminal block• design of the removable storageYes• C-PLUG/KEY-PLUGYes	for power supply	1
• for management purposes RJ45 • for signaling contact 2-pole terminal block • for power supply 4-pole terminal block design of the removable storage Yes • C-PLUG/KEY-PLUG Yes	type of electrical connection	
• for signaling contact 2-pole terminal block • for power supply 4-pole terminal block design of the removable storage • C-PLUG/KEY-PLUG Yes product feature / hot-swappable interface modules Yes	 for operator console 	RJ11
• for power supply 4-pole terminal block design of the removable storage - • C-PLUG/KEY-PLUG Yes product feature / hot-swappable interface modules Yes	 for management purposes 	RJ45
design of the removable storage • C-PLUG/KEY-PLUG Yes product feature / hot-swappable interface modules Yes	 for signaling contact 	2-pole terminal block
C-PLUG/KEY-PLUG Yes product feature / hot-swappable interface modules Yes	 for power supply 	4-pole terminal block
product feature / hot-swappable interface modules Yes	design of the removable storage	
	• C-PLUG/KEY-PLUG	Yes
signal inputs/outputs	product feature / hot-swappable interface modules	Yes
	signal inputs/outputs	
operating voltage / of the signaling contacts	operating voltage / of the signaling contacts	
• at DC / rated value 24 V	 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	Yes
type of voltage / 1 / of the supply voltage	
 supply voltage / 1 / rated value 	230 V
 power loss [W] / 1 / rated value 	36 W
 supply voltage / 1 / rated value 	90 264 V
 consumed current / 1 / maximum 	0.8 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" rack
number of modular height units / relating to 19-inch	1
cabinet	
width	449 mm
height	44 mm
depth	305 mm
net weight	4.7 kg
fastening method	N .
19-inch installation	Yes
35 mm top hat DIN rail mounting	No
wall mounting	No
S7-300 rail mounting S7 1500 rail mounting	No
S7-1500 rail mounting	No Cable outlet at front
type of cable outlet	Cable outlet at front
product features, product functions, product components	
cascading in cases of star topology	any (depending only on signal propagation time)
product functions / management, configuration, engineering	
product function	Vac
CLI web based management	Yes
web-based management MIR support	Yes
 MIB support TRAPs via email 	Yes
	Yes
 configuration with STEP 7 RMON 	Yes
Port mirroring	Yes
multiport mirroring	Yes
CoS	Yes
PROFINET IO diagnosis	Yes
PROFINET conformity class	B
product function / switch-managed	Yes
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
	Yes
protocol / is supported / GVRP	res
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 in combination with KEY-PLUG XR-500
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	
product function	
ing redundancy	Yes
High Speed Redundancy Protocol (HRP)	Yes
 high speed redundancy protocol (HRP) with 	Yes
redundancy manager	
 high speed redundancy protocol (HRP) with standby 	Yes
redundancy	
protocol / is supported / Media Redundancy Protocol	Yes
(MRP)	
product function	
 media redundancy protocol (MRP) with redundancy 	Yes

manager	N .
 Media Redundancy Protocol Interconnection (MRP- I) 	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	
ACL - MAC-based	Yes
ACL - port/MAC-based	Yes
• IEEE 802.1x (radius)	Yes
broadcast/multicast/unicast limiter	Yes
	Yes
broadcast blocking protocol / is supported	
SSH	Yes
• SSH product functions / time	100
product function	Voc
SICLOCK support	Yes
protocol / is supported	Vee
• NTP	Yes
• SNTP	Yes
standards, specifications, approvals	
standard	
• for safety / from CSA and UL	in preparation
for emitted interference	EN 61000-6-4 (Class A)
for interference immunity	EN 61000-6-2
reference code	
according to IEC 81346-2	KF
according to IEC 81346-2:2019	KFE
standards, specifications, approvals / CE	
certificate of suitability / CE marking	Yes
standards, specifications, approvals / other	
certificate of suitability	EN 61000-6-2, EN 61000-6-4
• C-Tick	Yes
 KC approval 	Yes
 E1 approval 	No
• E1 approval	No
standards, specifications, approvals / marine classificatio	n
Marine classification association	
 American Bureau of Shipping Europe Ltd. (ABS) 	Yes
 French marine classification society (BV) 	Yes
• DNV GL	Yes
 Korean Register of Shipping (KRS) 	Yes
 Lloyds Register of Shipping (LRS) 	Yes
 Nippon Kaiji Kyokai (NK) 	Yes
 Polski Rejestr Statkow (PRS) 	Yes
 Royal Institution of Naval Architects (RINA) 	Yes
further information / internet-Links	
Internet-Link	
 to web page: selection aid TIA Selection Tool 	http://www.siemens.com/tia-selection-tool
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 to website: CAx-Download-Manager 	http://www.siemens.com/cax

• to website: Industry Online Support

security information

security information

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