SIEMENS

Data sheet

6GK5334-2TS00-3AR3

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;



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 	1
 for signaling contact 	1
for power supply	1
type of electrical connection	
 for operator console 	USB (2.0 Port, Type B, serial via USB)
 for signaling contact 	2-pole terminal block
for power supply	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	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	No
type of voltage supply / redundant power supply unit	No
type of voltage / 1 / of the supply voltage	DC
supply voltage / 1 / rated value	240 V
power loss [W] / 1 / rated value	99 W
supply voltage / 1 / rated value	77 300 V
consumed current / 1 / maximum	0.8 A
 type of electrical connection / 1 / for power supply 	2 x 2-pole terminal block
product component / 1 / fusing at power supply input	Yes
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
operation	also manual.
ambient temperature / during storage and transport	-40 +85 °C
installation altitude / at height above sea level / maximum	3000 m
relative humidity	
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	8.2 kg
material / of the enclosure	metal
fastening method	
 19-inch installation 	Yes
product features, product functions, product components / gen	neral
cascading in the case of a redundant ring / at reconfiguration time of <\~0.3\~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	
 Store & Forward switching method 	Yes
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
SMTP server	No
 port mirroring 	Yes
 multiport mirroring 	Yes
 Encapsulated Remote Traffic Mirroring (ERTM) 	Yes
• CoS	Yes
PROFINET IO diagnosis	Yes
PROFINET conformity class	В
network load class / according to PROFINET	3
product function / switch-managed	Yes
telegram length / for Ethernet / maximum	9194 byte
protocol / is supported	
• Telnet	Yes
• HTTP	Yes
• HTTPS	Yes
• TFTP	Yes
• FTP	Yes
• SFTP	Yes
• BOOTP	Yes
• NETCONF	Yes
• GMRP	Yes
• DCP	Yes
• LLDP	Yes
EtherNet/IP	Yes
• SNMP v1	Yes
• SNMP v2	Yes

• SNMP v3	Voo
	Yes Yes
IGMP (snooping/querier) identification % maintanance function	Tes
identification & maintenance function	Von
18M0 - device-specific information	Yes
 I&M1 - higher level designation/location designation product functions / diagnostics 	Yes
product function	Voc
port diagnostics potential and polyatics	Yes
statistics Packet Size	Yes
statistics packet type	Yes
• error statistics	Yes
SysLog	Yes
product functions / VLAN	
product function	V
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
ala a sa al ca de sa de sa con	
 ring reaunancy 	Yes
ring redundancyHigh Speed Redundancy Protocol (HRP)	Yes Yes
High Speed Redundancy Protocol (HRP)	
	Yes
High Speed Redundancy Protocol (HRP)high speed redundancy protocol (HRP) with redundancy	Yes
 High Speed Redundancy Protocol (HRP) high speed redundancy protocol (HRP) with redundancy manager high speed redundancy protocol (HRP) with standby 	Yes Yes
 High Speed Redundancy Protocol (HRP) high speed redundancy protocol (HRP) with redundancy manager high speed redundancy protocol (HRP) with standby redundancy 	Yes Yes
High Speed Redundancy Protocol (HRP) high speed redundancy protocol (HRP) with redundancy manager high speed redundancy protocol (HRP) with standby redundancy protocol / is supported / Media Redundancy Protocol (MRP)	Yes Yes Yes Yes Yes
High Speed Redundancy Protocol (HRP) high speed redundancy protocol (HRP) with redundancy manager high speed redundancy protocol (HRP) with standby redundancy protocol / is supported / Media Redundancy Protocol (MRP) product function media redundancy protocol (MRP) with redundancy manager Media Redundancy Protocol Interconnection (MRP-I)	Yes Yes Yes Yes
High Speed Redundancy Protocol (HRP) high speed redundancy protocol (HRP) with redundancy manager high speed redundancy protocol (HRP) with standby redundancy protocol / is supported / Media Redundancy Protocol (MRP) product function media redundancy protocol (MRP) with redundancy manager	Yes Yes Yes Yes Yes
High Speed Redundancy Protocol (HRP) high speed redundancy protocol (HRP) with redundancy manager high speed redundancy protocol (HRP) with standby redundancy protocol / is supported / Media Redundancy Protocol (MRP) product function media redundancy protocol (MRP) with redundancy manager Media Redundancy Protocol Interconnection (MRP-I) of the PROFINET IO device / is supported / H-Sync	Yes Yes Yes Yes Yes Yes
High Speed Redundancy Protocol (HRP) high speed redundancy protocol (HRP) with redundancy manager high speed redundancy protocol (HRP) with standby redundancy protocol / is supported / Media Redundancy Protocol (MRP) product function media redundancy protocol (MRP) with redundancy manager Media Redundancy Protocol Interconnection (MRP-I) of the PROFINET IO device / is supported / H-Sync forwarding	Yes Yes Yes Yes Yes Yes Yes Yes
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 High Speed Redundancy Protocol (HRP) high speed redundancy protocol (HRP) with redundancy manager high speed redundancy protocol (HRP) with standby redundancy protocol / is supported / Media Redundancy Protocol (MRP) product function media redundancy protocol (MRP) with redundancy manager Media Redundancy Protocol Interconnection (MRP-I) of the PROFINET IO device / is supported / H-Sync forwarding redundancy procedure STP redundancy procedure RSTP redundancy procedure MSTP Parallel Redundancy Protocol (PRP)/operation in the PRP-network Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA) passive listening protocol / is supported STP/RSTP RSTP MSTP 	Yes

product function	
● IEEE 802.1x (radius)	Yes
 broadcast/multicast/unicast limiter 	Yes
broadcast blocking	Yes
protocol / is supported	
• SSH	Yes
• SSL	Yes
product functions / time	
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	110
• not less than	100 μs
• typical	50 ns
system modification during operation	00 110
	Voc
product function / configuration in RUN via CiR/H-CiR	Yes
standards, specifications, approvals	
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
standards, specifications, approvals / CE	
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
standards, specifications, approvals / hazardous environments	
standard / for hazardous zone	in preparation
• from CSA and UL	in preparation
standards, specifications, approvals / other	
certificate of suitability	
C-Tick	Yes
KC approval	Yes
further information / internet links	
internet link	
	http://www.giomono.com/tig.polestion.togl
to web page: selection aid TIA Selection Tool to website: Industrial communication	http://www.siemens.com/tia-selection-tool
to website: Industrial communication to website: Industry Mall	http://www.siemens.com/simatic-net
to website: Industry Mall to website: Information and Download Center	https://mall.industry.siemens.com
to website: Information and Download Center	http://www.siemens.com/industry/infocenter
to website: Image database	http://automation.siemens.com/bilddb
to website: CAx-Download-Manager	http://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 security functions that support the secure operation of plants, solutions, machines, equipment and/or networks. They are important components in a holistic industrial security

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