SIEMENS

Data sheet

6GK5324-4QG00-1HR2



Figure similar

product type designation	SCALANCE XR324-4M PoE
transfer rate	
transfer rate	10 Mbit/s, 100 Mbit/s, 1000 Mbit/s
interfaces / for communication / integrated	
number of electrical connections	
 for network components or terminal equipment 	16; RJ45
 for Power-over-Ethernet / for network components or terminal equipment 	8
number of 100 Mbit/s ST(BFOC) ports	
for multimode	8
number of 100 Mbit/s SC ports	
 for multimode 	8
number of 1000 Mbit/s LC ports	
 for multimode 	8
 for single mode (LD) 	8
interfaces / other	
number of electrical connections	
 for operator console 	1
 for signaling contact 	1
 for media module 	4
 for power supply 	1
type of electrical connection	
 for operator console 	RJ11
 for signaling contact 	2-pole terminal block
 for power supply 	4-pole terminal block
design of the removable storage	
• C-PLUG	Yes
signal inputs/outputs	
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 	46 W
 supply voltage / 1 / rated value 	19.2 28.8 V

 consumed current / 1 / maximum 	4.2 A
 consumed current / 1 / maximum type of electrical connection / 1 / for power supply 	4.2 A 4-pole terminal block
 type of electrical connection / 1 / for power supply product component / 1 / fusing at power supply input 	Yes
ambient conditions	
ambient temperature	
during operation	-40 +60 °C
 during storage 	-40 +85 °C
 during transport 	-40 +85 °C
• note	With vertical installation, the maximum operating temperature is reduced to 60 °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 cabinet	1
width	449 mm
height	43.6 mm
depth	305 mm
net weight	6.8 kg
fastening method	When used in shipbuilding, the device must be secured in the 19" rack at four points
• 19-inch installation	Yes
 35 mm top hat DIN rail mounting 	No
wall mounting	No
• S7-300 rail mounting	No
 S7-1500 rail mounting 	No
product features, product functions, product components	
cascading in the case of a redundant ring / at reconfiguration time of <\~0.3\~s	100
cascading in cases of star topology	any (depending only on signal propagation time)
product functions / management, configuration, engineeri	ng
product function	
• CLI	Yes
web-based management	Yes
 MIB support TRAPs via email 	Yes
configuration with STEP 7	Yes
RMON	Yes
port mirroring	Yes
multiport mirroring	Yes
• CoS	Yes
PROFINET IO diagnosis	Yes
PROFINET conformity class	В
product function / switch-managed	Yes
protocol / is supported	
• Telnet	Yes
• HTTP	Yes
• HTTPS	Yes
• TFTP	Yes
• FTP	Yes
BOOTP CMPP	Yes
• GMRP	Yes
	Yes
• LLDP • SNIMD v1	Yes
• SNMP v1 • SNMP v2	Yes
• SNMP V2 • SNMP V3	Yes
SNMP V3 IGMP (snooping/querier)	Yes
identification & maintenance function	
identification & maintenance function	
 identification & maintenance function I&M0 - device-specific information I&M1 - higher level designation/location designation 	Yes

product function Yes • statistics Packet Size Yes • statistics packet type Yes • error statistics Yes • orror statistics Yes product functions /VLAN Yes product functions /VLAN Yes • VLAN - port based Yes • VLAN - protocol-based No • VLAN - IP-based No • VLAN - IP-based No • VLAN - IP-based No • VLAN - Aydmanic Yes rumber of VLANs - dynamic / maximum 255 product functions / DHOP Yes product functions / DHOP Yes product functions / ToHon 82 Yes • DHCP Option 82 Yes • DHCP Option 87 Yes • DHCP Option 87 Yes product functions / rodundancy Yes ordund functions / rodundancy Yes ordut function Yes • high speed redundancy protocol (HRP) with standby Yes redundancy probated / Media Redundancy Protocol Yes	product functions / diagnostics	
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• RSTPYes• MSTPYes• RSTP big network supportYes• LACPYes		
• MSTP Yes • RSTP big network support Yes • LACP Yes		
RSTP big network support Yes LACP Yes		
• LACP Yes		
product functions / security		Yes
	product functions / security	
product function		
ACL - MAC-based Yes	•	Yes
ACL - port/MAC-based Yes		
• IEEE 802.1x (radius) Yes		Yes
broadcast/multicast/unicast limiter Yes		Yes
broadcast blocking Yes		Yes
protocol / is supported	•	
• SSH Yes		Yes
product functions / time	product functions / time	
product function	product function	
SICLOCK support Yes	SICLOCK support	Yes
protocol / is supported	protocol / is supported	

	Voo
• NTP	Yes
SNTP	Yes
IEEE 1588 profile default	Tes
standards, specifications, approvals	
standard	
• for FM	FM3611: Class 1, Divison 2, Group A, B, C, D / T4, Class 1, Zone 2, Group IIC, T4
 for safety / from CSA and UL 	UL 60950-1, CSA C22.2 No. 60950-1
for emitted interference	EN 61000-6-4:2007 (Class A)
for interference immunity	EN 61000-6-2:2006
MTBF	15 a
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 / hazardous environm	
standard / for hazardous zone	EN 60079-0 : 2006, EN 60079-15: 2005, II 3 G Ex nA II T4 KEMA 07 ATEX 0145X
 from CSA and UL 	UL 1604 and UL 2279-15 (Hazardous Location), CSA C22.2 No. 213-
	M1987, Class 1 / Division 2 / Group A, B, C, D / T4, Class 1 / Zone 2 / Group IIC / T4
standarda anasifiastione environde (star	
standards, specifications, approvals / other	
certificate of suitability	EN 61000-6-2:2006, EN 61000-6-4:2007
• C-Tick	Yes
KC approval	
standards, specifications, approvals / marine classification	n
Marine classification association	
American Bureau of Shipping Europe Ltd. (ABS)	Yes
• French marine classification society (BV)	Yes
Det Norske Veritas (DNV)	No
Germanische Lloyd (GL)	No
• DNV GL	Yes
Lloyds Register of Shipping (LRS)	Yes
Nippon Kaiji Kyokai (NK) Deleki Beiget Statkow (BBS)	Yes
Polski Rejestr Statkow (PRS) Poval Institution of Naval Arabitecto (PINA)	No Yes
 Royal Institution of Naval Architects (RINA) 	Tes
further information / internet-Links	
Internet-Link	
 to web page: selection aid TIA Selection Tool 	http://www.siemens.com/tia-selection-tool
• to website: Industrial communication	http://www.siemens.com/simatic-net
• to website: Industry Mall	https://mall.industry.siemens.com
to website: Information and Download Center	http://www.siemens.com/industry/infocenter
to website: Image database to website: CAx Download Manager	http://automation.siemens.com/bilddb
to website: CAx-Download-Manager to website: Industry Opling Support	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 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 http://www.siemens.com/industrialsecurity. To stay informed about product updates as they occur, sign up for a product-specific newsletter. For more information, visit http://support.automation.siemens.com. (V3.4)
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