

Product type designation	
SIPLUS SCALANCE X308-2	
SIPLUS NET SCALANCE X308-2; -10 ... +60 GRAD C WITH CONFORMAL COATING BASED ON 6GK5308-2FL10-2AA3	
Transmission rate	
Transfer rate / 1	10 Mbit/s
Transfer rate / 2	100 Mbit/s
Transfer rate / 3	1000 Mbit/s
Interfaces	
Number of electrical/optical connections / for network components or terminal equipment / maximum	10
Number of electrical connections	
• for network components or terminal equipment	8
• for signaling contact	1
• for power supply	1
• for redundant voltage supply	1
Design of the electrical connection	
• for network components or terminal equipment	RJ45 port (1 x 1GE, 7 x FE)
• for signaling contact	2-pole terminal block
• for power supply	4-pole terminal block
Number of optical interfaces / for fiber optic cable	
• at 1000 Mbit/s	2
Design of the optical interface / for fiber optic cable	
• at 1000 Mbit/s	SC port (multimode up to 0.75 km)
Connectable optical power relative to 1 mW	
• of the transmitter output	
• minimum	-9.5 dB
• maximum	-4 dB
• of the receiver input / maximum	-3 dB
Optical sensitivity relating to 1 mW / of the receiver input / minimum	-17 dB
Damping ratio / of the FOC transmission link / minimum necessary	0 dB
Range / at the optical interface / depending on the optical fiber used	0 ... 0.75 km
design of the removable storage / C-PLUG	Yes
Signal-Inputs/outputs	
Operating voltage / of the signaling contacts	
• for DC	

• Rated value	24 V
Operating current / of the signaling contacts	
• for DC	
• maximum	0.1 A
Supply voltage, current consumption, power loss	
Type of voltage supply / redundant power supply unit	No
Type of voltage / of the supply voltage	DC
Supply voltage / external	24 V
• minimum	18 V
• maximum	32 V
Product component / fusing at power supply input	Yes
Fuse protection type / at input for supply voltage	F 3 A / 32 V
Consumed current / maximum	0.4 A
Active power loss / for DC / at 24 V	9.6 W
Permitted ambient conditions	
Ambient temperature	
• during operation	-10 ... +60 °C
• during storage	-40 ... +70 °C
• during transport	-40 ... +70 °C
Relative humidity	
• at 25 °C / without condensation / during operation / maximum	100 %
• with condensation / maximum	100 %
• Note	r.F., incl. condensation/frost permitted (no commissioning in bedewed state)
Resistance to biologically active substances / conformity acc. to EN 60721-3-3	Yes
Resistance to chemically active substances / conformity acc. to EN 60721-3-3	Yes
Resistance to mechanically active substances / conformity acc. to EN 60721-3-3	Yes
Protection class IP	IP30
Design, dimensions and weight	
Design	compact
Width	120 mm
Height	125 mm
Depth	124 mm
Net weight	1.4 kg
Mounting type	
• 19-inch installation	No
• 35 mm DIN rail mounting	Yes
• wall mounting	Yes

• S7-300 rail mounting	Yes
Mounting type	When used in shipbuilding, installation on a 35 mm standard mounting rail is not permitted.
Product properties, functions, components / general	
Cascading in the case of a redundant ring / at reconfiguration time of <1~0.3~s	50
Cascading in cases of star topology	Any (depending only on signal propagation time)
Product functions / management, configuration	
Product function	
• CLI	Yes
• web-based management	Yes
• MIB support	Yes
• TRAPs via email	Yes
• Configuration with STEP 7	Yes
• RMON	Yes
• SMTP server	Yes
• Port mirroring	Yes
• CoS	Yes
• PROFINET IO diagnosis	Yes
• switch-managed	Yes
Protocol / is supported	
• Telnet	Yes
• HTTP	Yes
• HTTPS	Yes
• TFTP	Yes
• FTP	Yes
• BOOTP	Yes
• GMRP	Yes
• DCP	Yes
• LLDP	Yes
• IGMP (snooping/querier)	Yes
Protocol / is supported	
• SNMP v1	Yes
• SNMP v2	Yes
• SNMP v3	Yes
Product functions / Diagnosis	
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 dynamic	Yes
Number of VLANs / maximum	255
Number of VLANs - dynamic / maximum	255
Protocol / is supported / GVRP	Yes
Product functions / DHCP	
Product function	
• DHCP client	Yes
• DHCP Option 82	Yes
• DHCP Option 66	Yes
• DHCP Option 67	Yes
Product functions / Redundancy	
Product function	
• 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
• Media Redundancy Protocol (MRP)	Yes
• media redundancy protocol (MRP) with redundancy manager	Yes
• redundancy procedure STP	Yes
• redundancy procedure RSTP	Yes
• redundancy procedure MSTP	No
• Passive listening	Yes
Protocol / is supported	
• STP/RSTP	Yes
• STP	Yes
• RSTP	Yes
• MSTP	No
• RSTP big network support	Yes
• 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
• broadcast blocking	Yes
Protocol / is supported	
• SSH	Yes
Product functions / Time	
Product function / SICLOCK support	Yes
Protocol / is supported	
• NTP	No
• SNTP	Yes
• IEEE 1588 profile default	No
Standards, specifications, approvals	
Standard	
• for hazardous zone	EN 60079-0 : 2006, EN 60079-15: 2005, II 3 G Ex nA II T4 KEMA 07 ATEX 0145X
• for emitted interference	EN 61000-6-4 (Class A)
• for interference immunity	EN 61000-6-2
Certificate of suitability	EN 61000-6-2, EN 61000-6-4
• CE marking	Yes
• KC approval	Yes
• Railway application in accordance with EN 50155	No
• Railway application in accordance with EN 50124-1	No
Marine classification association	
• American Bureau of Shipping Europe Ltd. (ABS)	No
• Bureau Veritas (BV)	No
• Det Norske Veritas (DNV)	No
• Germanische Lloyd (GL)	No
• Lloyds Register of Shipping (LRS)	No
• Nippon Kaiji Kyokai (NK)	No
• Polski Rejestr Statkow (PRS)	No
Further Information / Internet Links	
Internet-Link	
• to website: Selector SIMATIC NET SELECTION TOOL	http://www.siemens.com/snst
• to website: Industrial communication	http://www.siemens.com/simatic-net
• to website: Information and Download Center	http://www.siemens.com/automation/net/catalog
• to website: Image database	http://automation.siemens.com/bilddb
• to website: CAx Download Manager	http://www.siemens.com/cax
• to website: Industry Online Support	http://support.automation.siemens.com
Security information	

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letzte Änderung:

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