

SIPLUS NET SCALANCE X202-2PIRT -25...+60°C based on
6GK5202-2BH00-2BA3



Product type designation	SIPLUS NET SCALANCE X202-2P IRT	
Transfer rate		
Transfer rate	10 Mbit/s, 100 Mbit/s	
Interfaces / for communication / Integrated		
Number of electrical connections	2	
• for network components or terminal equipment		
Interfaces / other		
Number of electrical connections	1	
• for signaling contact		
• for power supply		
• for redundant voltage supply		
Type of electrical connection	2-pole terminal block	
• for signaling contact	4-pole terminal block	
• for power supply		
design of the removable storage	Yes	
• C-PLUG		
Signal inputs/outputs		

Operating voltage / of the signaling contacts	
• at DC / Rated value	24 V
Operating current / of the signaling contacts	
• at DC / maximum	0.1 A
Supply voltage, current consumption, power loss	
Type of voltage / of the supply voltage	DC
Supply voltage	
• external	24 V
• external / minimum	18 V
• external / maximum	32 V
Product component / fusing at power supply input	Yes
Fuse protection type / at input for supply voltage	1.1 A / 33 V
Consumed current / maximum	0.3 A
Power loss [W]	
• at DC / at 24 V	7.2 W
Ambient conditions	
Ambient temperature	
• during operation	-25 ... +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 %; rel. humidity, incl. condensation/frost permissible (no commissioning in condensed state)
Ambient condition / relating to ambient temperature - air pressure - installation altitude	-25 ... +60°C at 1080 hPa ... 795 hPa (-1000 m ... +2000 m) // -25 ... +50°C at 795 hPa ... 658 hPa (+2000 m ... +3500 m) // -25 ... +40°C at 658 hPa ... 540 hPa (+3500 m ... +5000 m)
Resistance to biologically active substances	
• conformity acc. to EN 60721-3-3	Yes; Compliance with EN 60721-3-3, Class 3B2 mold, fungus, and sponge spores (except fauna). The supplied plug covers must remain in place over the unused interfaces during operation!
Resistance to chemically active substances	
• conformity acc. to EN 60721-3-3	Yes; Compliance with EN 60721-3-3, class 3C4 incl. salt spray according to EN 60068-2-52 (severity 3). The supplied plug covers must remain in place over the unused interfaces during operation!
Resistance to mechanically active substances	
• conformity acc. to EN 60721-3-3	Yes; Compliance with EN 60721-3-3, Class 3S4 including sand, dust. The supplied plug covers must remain in place over the unused interfaces during operation!
Protection class IP	IP30
Design	compact
Width	60 mm

Height	125 mm
Depth	124 mm
Net weight	0.78 kg
Mounting type	
• 35 mm DIN rail mounting	Yes
• wall mounting	Yes
• S7-300 rail mounting	Yes

Product features, product functions, product components / general

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)

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
• SMTP server	Yes
• Port mirroring	No
• with IRT / PROFINET IO switch	Yes
• PROFINET IO diagnosis	Yes
Product function / switch-managed	Yes
Protocol / is supported	
• Telnet	Yes
• HTTP	Yes
• HTTPS	Yes
• TFTP	Yes
• FTP	Yes
• BOOTP	No
• GMRP	No
• DCP	Yes
• LLDP	Yes
• SNMP v1	Yes
• SNMP v2	Yes
• SNMP v3	Yes
• IGMP (snooping/querier)	No

Product functions / Diagnostics

Product function	
• Port diagnostics	Yes
• Statistics Packet Size	Yes

Statistics packet type	Yes
Error statistics	Yes
Product functions / DHCP	
Product function	
DHCP client	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
Protocol / is supported / Media Redundancy Protocol (MRP)	Yes
Product function	
media redundancy protocol (MRP) with redundancy manager	Yes
Passive listening	Yes
Product functions / Security	
Protocol / is supported	
SSH	Yes
Product functions / time	
Product function	
SICLOCK support	Yes
Protocol / is supported	
NTP	No
SNTP	Yes
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
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
Railway application in accordance with EN 50155	No

- Railway application in accordance with EN 50124-1
- KC approval

No

Yes

Standards, specifications, approvals / marine classification

Marine classification association

- American Bureau of Shipping Europe Ltd. (ABS)
- Bureau Veritas (BV)
- Det Norske Veritas (DNV)
- Germanische Lloyd (GL)
- Lloyds Register of Shipping (LRS)
- Nippon Kaiji Kyokai (NK)
- Polski Rejestr Statkow (PRS)

No

No

No

No

No

No

No

Further information / Internet-Links

Internet-Link

- to website: Selector SIMATIC NET SELECTION TOOL
- to website: Industrial communication
- to website: Industry Mall
- to website: Information and Download Center
- to website: Image database
- to website: CAx Download Manager
- to website: Industry Online Support

<http://www.siemens.com/snst>

<http://www.siemens.com/simatic-net>

<https://mall.industry.siemens.com>

<http://www.siemens.com/industry/infocenter>

<http://automation.siemens.com/bilddb>

<http://www.siemens.com/cax>

<https://support.industry.siemens.com>

Security information

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