

SIPLUS NET SCALANCE XCM102 based on 6GK5102-1GS00-2AC2 with conformal coating, -40...+70 °C, IE media converter unmanaged 1x 100/1000 Mbps RJ45 port, LED diagnostics, error signaling contact with set pushbutton redundant power supply, securing collar, manual as download available.

transfer rate	
transfer rate	100 Mbit/s, 1000 Mbit/s
interfaces	
number of electrical/optical connections / for network components or terminal equipment / maximum	2
number of electrical connections	
• for network components or terminal equipment	1
• for SFP / plug-in	1; 100 Mbps and 1000 Mbps SFP plug-in transceiver usable
• for signaling contact	1
• for power supply	1
• for redundant voltage supply	1
type of electrical connection	
• for network components or terminal equipment	RJ45 port
• for signaling contact	2-pole terminal block
• for power supply	2x 3-pole terminal block
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	
supply voltage / 1 / rated value	24 V
• type of voltage / 1 / of the supply voltage	DC
• consumed current / 1 / at rated supply voltage / maximum	0.15 A
• power loss [W] / 1 / rated value	2.5 W
supply voltage / 2 / rated value	24 V
• type of voltage / 2 / of the supply voltage	AC
• consumed current / 2 / at rated supply voltage / maximum	0.3 A
• power loss [W] / 2 / rated value	5 W
product component / fusing at power supply input	Yes
consumed current	
• maximum	dependent on the use of SFP plug-in transceiver
power loss [W]	
• maximum	dependent on the use of SFP plug-in transceiver
ambient conditions	
ambient temperature	
• note	max. operating temperature dependent on the use of SFP plug-in transceiver
ambient temperature	
• in horizontal mounting position / during operation / maximum	70 °C
• in horizontal mounting position / during operation / minimum	-40 °C
• during storage and transport	85 ... -40 °C
installation altitude / at height above sea level / maximum	5000 m
relative humidity / with condensation / according to IEC 60068-2-38 / maximum	100 %
chemical resistance / to commercially available cooling lubricants	Yes
resistance to biologically active substances	
• conformity according to EN 60721-3-3	Yes
• conformity according to EN 60721-3-6	Yes

resistance to chemically active substances	
• conformity according to EN 60721-3-3	Yes
• conformity according to EN 60721-3-6	Yes
resistance to mechanically active substances	
• conformity according to EN 60721-3-3	Yes
• conformity according to EN 60721-3-6	Yes
coating / for equipped printed circuit board / according to EN 61086	Yes
type of coating / protection against pollution according to EN 60664-3	Yes
type of test / of the coating / according to MIL-I-46058C	Yes
product conformity / of the coating / Qualification and Performance of Electrical Insulating Compound for Printed Board Assemblies according to IPC-CC-830A	Yes
protection class IP	IP20

design, dimensions and weights

design	Compact
width	35 mm
height	147 mm
depth	123 mm
net weight	0.22 kg
fastening method	
• 35 mm top hat DIN rail mounting	Yes
• S7-300 rail mounting	Yes
• S7-1500 rail mounting	Yes
• wall mounting	Yes

standards, specifications, approvals

MTBF	152 a
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further information / internet links

internet link	
• to website: Selection guide for cables and connectors	https://support.industry.siemens.com/cs/ww/en/view/109766358
• to web page: selection aid TIA Selection Tool	https://www.siemens.com/tstcloud
• to website: Industrial communication	https://www.siemens.com/simatic-net
• to web page: SiePortal	https://sieportal.siemens.com/
• to website: Image database	https://www.automation.siemens.com/bilddb
• to website: CAX-Download-Manager	https://www.siemens.com/cax
• to website: Industry Online Support	https://support.industry.siemens.com

security information

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Approvals / Certificates

General Product Approval

[Miscellaneous](#)



last modified:

7/21/2024

