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Data sheet 6AG1102-1GS00-7AC2

product type designation	**XCM102**
	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.



Figure similar

Technical Product Detail Page	https://i.siemens.com/1P6AG1102-1GS00-7AC2
transfer rate	
transfer rate	100 Mbit/s, 1000
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	2 x 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	

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● 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
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	
security information	Siemens provides products and solutions with industrial cybersecurity functions that support the secure operation of plants, systems, machines and networks. In order to protect plants, systems, machines and networks against cyber threats, it is necessary to implement - and continuously maintain - a holistic, state-of-the-art industrial cybersecurity concept. Siemens' products and solutions constitute one element of such a concept. Customers are responsible for preventing unauthorized access to their plants, systems, machines and networks. Such systems, machines and components should only be connected to an enterprise network or the internet if and to the extent such a connection is necessary and only when appropriate security measures (e.g. firewalls and/or network segmentation) are in place. For additional information on industrial

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Approvals / Certificates

General Product Approval





China RoHS





Manufacturer Declaration

last modified: 6/28/2026

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