SIEMENS

Data sheet

6GK5108-0GA00-2AC2

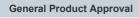
SCALANCE XCM108 (8x100/1000 Mbps RJ45) unmanaged IE switch LED diagnostics, error-signaling contact with set pushbutton, redundant power supply manual available as a download

product type designation	
product brand name	SCALANCE
product type designation	XCM108
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 	8; RJ45
number of 10/100/1000 Mbit/s RJ45 ports	
with securing collar	8
interfaces / other	
number of electrical connections	
 for signaling contact 	1
• for power supply	1
type of electrical connection	
for signaling contact	2-pole terminal block
• for power supply	4-pole terminal block
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 / 1 / of the supply voltage	DC
 supply voltage / 1 / rated value 	24 V
• power loss [W] / 1 / rated value	3.2 W
 consumed current / 1 / at rated supply voltage / maximum 	0.22 A
 supply voltage / 1 / rated value 	9.6 31.2 V
 consumed current / 1 / maximum 	0.45 A
 type of electrical connection / 1 / for power supply 	4-pole terminal block
 product component / 1 / fusing at power supply input 	Yes
 fuse protection type / 1 / at input for supply voltage 	2.5 A / 125 V
ambient conditions	
ambient temperature	
during operation	-40 +70 °C
during storage	-40 +85 °C
during transport	-40 +85 °C
relative humidity	
 at 25 °C / without condensation / during operation / maximum 	95 %
protection class IP	IP20
design, dimensions and weights	
design	compact
width	60 mm
height	147 mm
depth	125 mm
net weight	0.504 kg
fastening method	
 35 mm top hat DIN rail mounting 	Yes
wall mounting	Yes

• S7-300 rail mounting	Vec
 S7-300 rail mounting S7-1500 rail mounting 	Yes
5	
product features, product functions, product components / general	
number of automatically learnable MAC addresses product functions / management, configuration, engineering	2048
product function	No
multiport mirroring	
• CoS	Yes
switch-managed PROFINET conformity class	No
product functions / redundancy	A
product functions / redundancy	
Parallel Redundancy Protocol (PRP)/operation in the PRP-network	Yes
 Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA) 	No
standards, specifications, approvals	
certificate of suitability	
• CE marking	Yes
UKCA marking	Yes
• EC Declaration of Conformity EN 61010, IEC 61010-1, UL 61010A-1	Yes
 KC approval 	Yes
 Regulatory Compliance Mark (RCM) 	Yes
standard	
 for EMC interference emission 	EN 61000-6-4
 for immunity to EMC 	EN 61000-6-2
 for safety / from CSA and UL 	UL 62368-1
standards, specifications, approvals / other	
certificate of suitability	
RoHS conformity	Yes
resistance to air pollution / conformity according to ANSI/ISA-	Yes
71.04 product functions / general	
MTBF	73 a
reference code	
according to IEC 81346-2	KF
according to IEC 81346-2:2019	KFE
	5a
Warranty period	
product function / is supported / identification link further information / internet links	Yes; acc. to IEC 61406-1:2022
internet link	
to website: Selection guide for cables and connectors	https://support.industry.siemens.com/cs/ww/en/view/109766358
 to website: Selection guide for cables and connectors to web page: selection aid TIA Selection Tool 	https://support.industry.siemens.com/tstcloud
to website: Industrial communication	https://www.siemens.com/simatic-net
 to website: industrial communication to web page: SiePortal 	https://www.siemens.com/
to web page. SiePortai to website: Image database	https://www.automation.siemens.com/bilddb
0	
to website: CAx-Download-Manager to website: Industry Online Support	https://www.siemens.com/cax
to website: Industry Online Support security information	https://support.industry.siemens.com
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 cybersecurity measures that may be implemented, please visit www.siemens.com/cybersecurity-industry. Siemens' products and solutions undergo continuous development to make them more secure. Siemens strongly recommends that product versions are used. Use of product versions that are

no longer supported, and failure to apply the latest updates may increase customer's exposure to cyber threats. To stay informed about product updates, subscribe to the Siemens Industrial Cybersecurity RSS Feed under https://www.siemens.com/cert. (V4.7)

Approvals / Certificates





CE EG-Konf. **Miscellaneous**

last modified:

1/28/2025 🖸