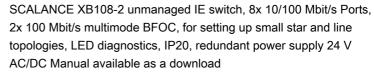
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Data sheet

6GK5108-2BB00-2AB2





Product type designation	SCALANCE XB108-2
Transfer rate	
Transfer rate	10 Mbit/s, 100 Mbit/s
Interfaces / for communication / Integrated	
Number of electrical connections	
• for network components or terminal equipment	8; RJ45
Number of 100 Mbit/s ST(BFOC) ports	
• for multimode	2
Interfaces / other	
Number of electrical connections	
• for power supply	1
for redundant voltage supply	1
Supply voltage, current consumption, power loss	
Type of voltage / of the supply voltage	AC/DC
Supply voltage	
• external	24 V
• external / minimum	19.2 V

• external / maximum	28.8 V
• at AC	24 V
Product component / fusing at power supply input	Yes
Fuse protection type / at input for supply voltage	0.6 A / 60 V
Consumed current / maximum	0.3 A
Power loss [W]	
• at DC / at 24 V	7.2 W

Ambient conditions	
Ambient temperature	
during operation	0 60 °C
during storage	-40 +80 °C
during transport	-40 +80 °C
Relative humidity	
 at 25 °C / without condensation / during operation / maximum 	95 %
Protection class IP	IP20

Design, dimensions and weights	
Design	compact
Width	80 mm
Height	117 mm
Depth	109 mm
Net weight	0.34 kg
Mounting type	
• 35 mm DIN rail mounting	Yes
• wall mounting	No
• S7-300 rail mounting	No
• S7-1500 rail mounting	No

Product functions / management, configuration, engineering	
Product function	
 multiport mirroring 	No
• CoS	Yes
PROFINET conformity class	A
Product function / switch-managed	No

Product functions / redundancy	
Product function	
 Parallel Redundancy Protocol (PRP)/operation in the PRP-network 	Yes
 Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA) 	No

Standards, specifications, approvals	
Standard	

● for FM
 FM3611: Class 1, Divison 2, Group A, B, C, D / T4, CL.1, Zone 2, GP. IIC, T4
 ● for hazardous zone
 EN 60079-0:2009, EN60079-15:2010, II 3 G Ex nA IIC T4 Gc, KEMA 07ATEX0145 X
 ● for safety / from CSA and UL
 ● for emitted interference
 ● for interference immunity
 MTBF
 FM3611: Class 1, Divison 2, Group A, B, C, D / T4, CL.1, Zone 2, GP. IIC, T4
 EN 60079-0:2009, EN60079-15:2010, II 3 G Ex nA IIC T4 Gc, KEMA 07ATEX0145 X
 ● for safety / from CSA and UL
 EN 61000-6-4 (Class B)
 ● for interference immunity
 MTBF

Standards, specifications, approvals / CE

Certificate of suitability / CE marking Yes

Standards, specifications, approvals / hazardous environments

Certificate of suitability

• IECEx Yes; IEC 60079-0, IEC 60079-15, IECEx DEK 14.0025X, Ex nA

IIC T4 Gc

Standards, specifications, approvals / other

Certificate of suitability EN 61000-6-2, EN 61000-6-4

• Regulatory Compliance Mark (RCM) Yes

• KC approval Yes

Further information / Internet-Links

Internet-Link

• to website: Selector SIMATIC NET http://www.siemens.com/snst

SELECTION TOOL

• to website: Industrial communication http://www.siemens.com/simatic-net

• to website: Industry Mall https://mall.industry.siemens.com

• to website: Information and Download Center http://www.siemens.com/industry/infocenter

• to website: Image database http://automation.siemens.com/bilddb

• to website: CAx Download Manager http://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 security functions that support the secure operation of plants, solutions, machines, equipment and/or networks. They are important components in a holistic industrial security concept. With this in mind, Siemens' products and solutions undergo continuous development. Siemens recommends strongly that you regularly check for product updates. For the secure operation of Siemens products and solutions, it is necessary to take suitable preventive action(e.g. cell protection concept) and integrate each component into a holistic, state-of-the-art industrial security concept. Thirdparty products that may be in use should also be considered. For more information about industrial security, visit http://www.siemens.com/industrialsecurity. To stay informed about product updates as they occur, sign up for a product-specific newsletter. For more information, visit http://support.automation.siemens.com. (V3.4)

last modified:

05/13/2020