

MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

SIEMENS SCALANCE

6GK5108-2BB00-2AB2

UNMANAGED INDUSTRIAL ETHERNET SWITCH

Used with the applicable Siemens SCALANCE configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: Siemens official manufacturer documentation



SCALANCE XB108-2 unmanaged IE switch, 8x 10/100 Mbit/s Ports, 2x 100 Mbit/s multimode BFOC, for setting up small star and line topologies, LED diagnostics, IP20, redundant power supply 24 V AC/DC Manual available as a download

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
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		7.2 W
supply voltage / 1 / rated value		19.2 ... 28.8 V

consumed current / 1 / maximum	0.3 A
product component / 1 / fusing at power supply input	Yes
type of voltage / 2 / of the supply voltage	
supply voltage / 2 / rated value	19.2 ... 28.8 V
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
fastening method	
35 mm top hat 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, Division 2, Group A, B, C, D / T4, CL.1, Zone 2, GP. IIC, T4

• for hazardous zone • for safety / from CSA and UL • for emitted interference • for interference immunity	EN 60079-0:2009, EN60079-15:2010, II 3 G Ex nA IIC T4 Gc, KEMA 07ATEX0145 X UL 60950-1, CSA C22.2 No. 60950-1 EN 61000-6-4 (Class B) 61000-6-2
MTBF	71 y
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) • KC approval	Yes Yes
further information / internet-Links	
Internet-Link	
• to website: Selector TIA 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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