



SCALANCE XB108-2 unmanaged IE switch, 8x 10/100 Mbit/s Ports, 2x 100 Mbit/s multimode SC, 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	
product brand name	SCALANCE
product type designation	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 SC ports	
• for multimode	2
transmission method / of the optical interface	100BaseFX
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	
• supply voltage / 1 / rated value	DC
• power loss [W] / 1 / rated value	24 V
• supply voltage / 1 / rated value	7.2 W
• consumed current / 1 / maximum	19.2 ... 28.8 V
• product component / 1 / fusing at power supply input	0.3 A
• fuse protection type / 1 / at input for supply voltage	Yes
• fuse protection type / 1 / at input for supply voltage	0.6 A / 60 V
type of voltage / 2 / of the supply voltage	
• supply voltage / 2 / rated value	AC
• 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	<ul style="list-style-type: none"> • 35 mm top hat DIN rail mounting • wall mounting • S7-300 rail mounting • S7-1500 rail mounting 	Yes No No No
product functions / management, configuration, engineering		
product function	<ul style="list-style-type: none"> • multiport mirroring • CoS • switch-managed 	No Yes No
PROFINET conformity class		
product functions / redundancy		
product function	<ul style="list-style-type: none"> • Parallel Redundancy Protocol (PRP)/operation in the PRP-network • Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA) 	Yes No
standards, specifications, approvals		
certificate of suitability	<ul style="list-style-type: none"> • CE marking • cULus approval • KC approval • Regulatory Compliance Mark (RCM) 	Yes Yes Yes Yes
standard	<ul style="list-style-type: none"> • for EMC interference emission • for immunity to EMC • for safety / from CSA and UL 	EN 61000-6-4 (Class B) 61000-6-2 UL 60950-1, CSA C22.2 No. 60950-1
standards, specifications, approvals / hazardous environments		
certificate of suitability	<ul style="list-style-type: none"> • ATEX • UKEX • IECEx • ULhazloc approval • CCC / for hazardous zone according to GB standard • FM registration 	Yes Yes Yes Yes Yes Yes
standards, specifications, approvals / other		
certificate of suitability	<ul style="list-style-type: none"> • RoHS conformity 	Yes
resistance to air pollution / conformity according to ANSI/ISA-71.04		Yes
standards, specifications, approvals / Environmental Product Declaration		
Environmental Product Declaration		Yes
global warming potential [CO2 eq]	<ul style="list-style-type: none"> • total • during manufacturing • during operation • after end of life 	266.77 kg 40.94 kg 225.32 kg 0.51 kg
product functions / general		
MTBF		71 a
reference code	<ul style="list-style-type: none"> • according to IEC 81346-2 • according to IEC 81346-2:2019 	KF KFE
Warranty period		5 a
further information / internet links		
internet link	<ul style="list-style-type: none"> • to website: Selection guide for cables and connectors • to web page: selection aid TIA Selection Tool • to website: Industrial communication • to web page: SiePortal • to website: Image database • to website: CAx-Download-Manager 	https://support.industry.siemens.com/cs/ww/en/view/109766358 https://www.siemens.com/tstcloud https://www.siemens.com/simatic-net https://sieportal.siemens.com/ https://www.automation.siemens.com/bilddb https://www.siemens.com/cax

security information

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Approvals / Certificates

General Product Approval



[Declaration of Conformity](#)



EMV

For use in hazardous locations

Environment

KC



IECEx



ATEX

EM

[CCC-Ex](#)

[Confirmation](#)

Environment

Industrial Communication



[PROFINET](#)

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