

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



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

<ul style="list-style-type: none"> <li>external / maximum</li> </ul>	28.8 V
<ul style="list-style-type: none"> <li>at AC</li> </ul>	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]	
<ul style="list-style-type: none"> <li>at DC / at 24 V</li> </ul>	7.2 W

#### Ambient conditions

Ambient temperature	
<ul style="list-style-type: none"> <li>during operation</li> </ul>	0 ... 60 °C
<ul style="list-style-type: none"> <li>during storage</li> </ul>	-40 ... +80 °C
<ul style="list-style-type: none"> <li>during transport</li> </ul>	-40 ... +80 °C
Relative humidity	
<ul style="list-style-type: none"> <li>at 25 °C / without condensation / during operation / maximum</li> </ul>	95 %
Protection class IP	IP20
Design	compact
Width	80 mm
Height	117 mm
Depth	109 mm
Net weight	0.34 kg
Mounting type	
<ul style="list-style-type: none"> <li>35 mm DIN rail mounting</li> </ul>	Yes
<ul style="list-style-type: none"> <li>wall mounting</li> </ul>	No
<ul style="list-style-type: none"> <li>S7-300 rail mounting</li> </ul>	No
<ul style="list-style-type: none"> <li>S7-1500 rail mounting</li> </ul>	No

#### Product functions / management, configuration, engineering

Product function	
<ul style="list-style-type: none"> <li>multiport mirroring</li> </ul>	No
<ul style="list-style-type: none"> <li>CoS</li> </ul>	Yes
PROFINET conformity class	A
Product function / switch-managed	No

#### Product functions / redundancy

Product function	
<ul style="list-style-type: none"> <li>Parallel Redundancy Protocol (PRP)/operation in the PRP-network</li> </ul>	Yes
<ul style="list-style-type: none"> <li>Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA)</li> </ul>	No

#### Standards, specifications, approvals

Standard	
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- for FM
- for hazardous zone
- for safety / from CSA and UL
- for emitted interference
- for interference immunity

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  
 UL 60950-1, CSA C22.2 No. 60950-1  
 EN 61000-6-4 (Class B)  
 61000-6-2

#### 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

- Regulatory Compliance Mark (RCM)
- KC approval

EN 61000-6-2, EN 61000-6-4

Yes

Yes

#### Standards, specifications, approvals / Product conformity

MTBF 71 y

#### Further information / Internet-Links

Internet-Link

- to website: Selector SIMATIC NET 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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Security information

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