



SCALANCE XB008 Unmanaged Industrial Ethernet Switch for 10/100 Mbit/s; for setting up small star and line topologies; LED diagnostics, IP20, 24 V AC/DC power supply, with 8x 10/100 Mbit/s twisted pair ports with RJ45 sockets; Manual available as a download .

| product type designation | |
|--|---|
| product brand name | SCALANCE |
| product type designation | XB008 |
| 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 | 0 |
| interfaces / other | |
| number of electrical connections • for power supply | 1 |
| type of electrical connection • for power supply | 3-pole terminal block |
| supply voltage, current consumption, power loss | |
| type of voltage / 1 / of the supply voltage • supply voltage / 1 / rated value • power loss [W] / 1 / rated value • supply voltage / 1 / rated value • consumed current / 1 / maximum • type of electrical connection / 1 / for power supply • product component / 1 / fusing at power supply input • fuse protection type / 1 / at input for supply voltage | DC 24 V 2.88 W 19.2 ... 28.8 V 0.12 A 3-pole terminal block Yes 0.6 A / 60 V |
| type of voltage / 2 / of the supply voltage • supply voltage / 2 / rated value | AC 19.2 ... 28.8 V |
| ambient conditions | |
| ambient temperature • during operation • during storage • during transport | -10 ... +60 °C -40 ... +80 °C -40 ... +80 °C |
| relative humidity • at 25 °C / without condensation / during operation / maximum | 95 % |
| protection class IP | IP20 |
| design, dimensions and weights | |
| design | Box |
| width | 45 mm |
| height | 100 mm |
| depth | 87 mm |

| | |
|---|--|
| net weight | 0.18 kg |
| fastening method | |
| • 35 mm top hat DIN rail mounting | Yes |
| • wall mounting | Yes |
| • S7-1500 rail mounting | No |
| product functions / management, configuration, engineering | |
| product function | |
| • multiport mirroring | No |
| • CoS | Yes |
| • switch-managed | No |
| PROFINET conformity class | A |
| 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 | |
| certificate of suitability | |
| • CE marking | Yes |
| • KC approval | Yes |
| • Regulatory Compliance Mark (RCM) | Yes |
| standard | |
| • for safety / from CSA and UL | UL 60950-1, CSA C22.2 No. 60950-1 |
| standards, specifications, approvals / hazardous environments | |
| certificate of suitability | |
| • ATEX | Yes |
| • UKEX | Yes |
| • IECEx | Yes |
| • ULhazloc approval | Yes |
| • CCC / for hazardous zone according to GB standard | Yes |
| • FM registration | Yes |
| standards, specifications, approvals / other | |
| certificate of suitability | |
| • RoHS conformity | Yes |
| standards, specifications, approvals / Environmental Product Declaration | |
| Environmental Product Declaration | Yes |
| Global Warming Potential [CO2 eq] | |
| • total | 151.5 kg |
| • during manufacturing | 7.42 kg |
| • during operation | 143.95 kg |
| • after end of life | 0.14 kg |
| product functions / general | |
| MTBF | 214 a |
| reference code | |
| • according to IEC 81346-2 | KF |
| • according to IEC 81346-2:2019 | KFE |
| Warranty period | 5 a |
| further information / internet links | |
| internet link | |
| • to website: Image database | https://www.automation.siemens.com/bilddb |
| • to website: Industry Online Support | https://support.industry.siemens.com |
| security information | |
| 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 |

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Approvals / Certificates

General Product Approval



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[Manufacturer Declara-
tion](#)



General Product Ap-
proval

EMV

For use in hazardous locations



[KC](#)



[EM](#)

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Environment

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