



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 .

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|---|---|
| product type designation | SCALANCE XB008 |
| transfer rate | |
| transfer rate | 10 Mbit/s, 100 Mbit/s |
| interfaces / for communication / maximum configuration for modular devices | |
| number of electrical ports / maximum | 8 |
| interfaces / for communication / integrated | |
| number of electrical connections <ul style="list-style-type: none"> for network components or terminal equipment | 8; RJ45 |
| number of 100 Mbit/s SC ports <ul style="list-style-type: none"> for multimode | 0 |
| interfaces / other | |
| number of electrical connections <ul style="list-style-type: none"> for power supply | 1 |
| type of electrical connection <ul style="list-style-type: none"> for power supply | 3-pole terminal block |
| supply voltage, current consumption, power loss | |
| type of voltage / 1 / of the supply voltage <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> supply voltage / 2 / rated value | 19.2 ... 28.8 V |
| ambient conditions | |
| ambient temperature <ul style="list-style-type: none"> during operation during storage during transport | -10 ... +60 °C -40 ... +80 °C -40 ... +80 °C |
| relative humidity <ul style="list-style-type: none"> 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 |

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| 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 |
| 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 safety / from CSA and UL | UL 60950-1, CSA C22.2 No. 60950-1 |
| • for emitted interference | EN 61000-6-4 (Class A) |
| • for interference immunity | EN 61000-6-2 |
| MTBF | 214 a |
| reference code | |
| • according to IEC 81346-2 | KF |
| • according to IEC 81346-2:2019 | KFE |
| standards, specifications, approvals / CE | |
| certificate of suitability / CE marking | Yes |
| standards, specifications, approvals / hazardous environments | |
| standard / for hazardous zone | EN 60079-0:2009, EN60079-15:2010, II 3 G Ex nA IIC T4 Gc, KEMA 07ATEX0145 X |
| certificate of suitability | |
| • CCC / for hazardous zone according to GB standard | Yes |
| • CCC / for hazardous zone according to GB standard / as marking | Ex nA IIC T4 Gc |
| standards, specifications, approvals / other | |
| certificate of suitability | EN 61000-6-2, EN 61000-6-4 |
| • C-Tick | Yes |
| • KC approval | Yes |
| further information / internet links | |
| internet link | |
| • to web page: selection aid TIA Selection Tool | http://www.siemens.com/tia-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 | |
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