

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



|                                                                                                                                 |                       |
|---------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| Product type designation                                                                                                        | SCALANCE XB008        |
| Transmission rate                                                                                                               |                       |
| Transfer rate                                                                                                                   | 10 Mbit/s, 100 Mbit/s |
| Interfaces / for communication / integrated                                                                                     |                       |
| Number of electrical connections <ul style="list-style-type: none"><li>• for network components or terminal equipment</li></ul> | 8; RJ45               |
| Number of 100 Mbit/s SC ports <ul style="list-style-type: none"><li>• for multimode</li></ul>                                   | 0                     |
| Interfaces / others                                                                                                             |                       |
| Number of electrical connections <ul style="list-style-type: none"><li>• for power supply</li></ul>                             | 1                     |
| Type of electrical connection <ul style="list-style-type: none"><li>• for power supply</li></ul>                                | 3-pole terminal block |
| Supply voltage, current consumption, power loss                                                                                 |                       |
| Type of voltage / of the supply voltage                                                                                         | DC                    |
| Supply voltage <ul style="list-style-type: none"><li>• external</li></ul>                                                       | 24 V                  |

|                                                    |              |
|----------------------------------------------------|--------------|
| • external / minimum                               | 19.2 V       |
| • external / maximum                               | 28.8 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                         | 0.12 A       |
| Power loss [W]                                     |              |
| • at DC / at 24 V                                  | 2.88 W       |

#### Permitted ambient conditions

|                                                                |                |
|----------------------------------------------------------------|----------------|
| Ambient temperature                                            |                |
| • during operation                                             | -10 ... +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 weight

|                           |         |
|---------------------------|---------|
| Design                    | Box     |
| Width                     | 45 mm   |
| Height                    | 100 mm  |
| Depth                     | 87 mm   |
| Net weight                | 0.18 kg |
| Mounting type             |         |
| • 35 mm DIN rail mounting | Yes     |
| • wall mounting           | Yes     |
| • S7-1500 rail mounting   | No      |

#### Product functions / management, configuration

|                       |     |
|-----------------------|-----|
| Product function      |     |
| • multiport mirroring | No  |
| • CoS                 | Yes |
| • 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, Divison 2, Group A, B, C, D / T4, CL.1, Zone 2, GP. IIC, T4 |

- for hazardous zone

EN 60079-0:2009, EN60079-15:2010, II 3 G Ex nA IIC T4 Gc, KEMA 07ATEX0145 X

- 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

#### Standards, specifications, approvals / CE

Certificate of suitability / CE marking

Yes

#### Standards, specifications, approvals / miscellaneous

Certificate of suitability

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

- C-Tick

Yes

- KC approval

Yes

#### Standards, specifications, approvals / product conformity

MTBF

214 y

#### Accessories

#### 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

Security information

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last modified:

07/02/2018