

SCALANCE XB005G unmanaged Industrial Ethernet Switch for 10/100/1000 Mbit/s; for setting up small star and line topologies; LED diagnostics, IP20, 24 V DC power supply, with 5x 10/100/1000 Mbit/s RJ45 ports electrical; Manual available as a download



| | |
|--|------------------------------------|
| Product type designation | SCALANCE XB005G |
| Transmission rate | |
| Transfer rate | 10 Mbit/s, 100 Mbit/s, 1000 Mbit/s |
| Interfaces / for communication / integrated | |
| Number of electrical connections | |
| • for network components or terminal equipment | 5; RJ45 |
| Number of 100 Mbit/s SC ports | |
| • for multimode | 0 |
| Interfaces / others | |
| 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 / of the supply voltage | DC |
| Supply voltage | |
| • external | 24 V |

| | |
|--|--------------|
| <ul style="list-style-type: none"> external / minimum | 19.2 V |
| <ul style="list-style-type: none"> 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 | 0.44 A |
| Power loss [W] | |
| <ul style="list-style-type: none"> at DC / at 24 V | 10.5 W |

Permitted ambient conditions

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|--|----------------|
| Ambient temperature | |
| <ul style="list-style-type: none"> during operation | -10 ... +60 °C |
| <ul style="list-style-type: none"> during storage | -40 ... +80 °C |
| <ul style="list-style-type: none"> during transport | -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 weight

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|---|---------|
| Design | Box |
| Width | 45 mm |
| Height | 100 mm |
| Depth | 87 mm |
| Net weight | 0.22 kg |
| Mounting type | |
| <ul style="list-style-type: none"> 35 mm DIN rail mounting | Yes |
| <ul style="list-style-type: none"> wall mounting | Yes |
| <ul style="list-style-type: none"> S7-1500 rail mounting | No |

Product functions / management, configuration

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

Product functions / Redundancy

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

Standards, specifications, approvals

| | |
|----------|--|
| Standard | |
|----------|--|

- 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)
 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 | 139 y |
|------|-------|

Further Information / Internet Links

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|---|---|
| Internet-Link | |
| • to website: Selector SIMATIC NET SELECTION TOOL | http://www.siemens.com/snst |
| • 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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|----------------------|---|
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