



SCALANCE XF208, flat, Managed IE switch, 8x 10/100 Mbit/s RJ45 ports, Error signaling contact with set pushbutton, Redundant power supply, PROFINET IO device, network management, Redundancy Manager integrated, incl. electron. manual on CD-ROM, C-plug optional.

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| product type designation | SCALANCE XF208 |
| 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 | |
| • for network components or terminal equipment | 8 |
| interfaces / other | |
| number of electrical connections | |
| • for signaling contact | 1 |
| • for power supply | 1 |
| type of electrical connection | |
| • for signaling contact | 2-pole terminal block |
| • for power supply | 4-pole terminal block |
| design of the removable storage | |
| • C-PLUG | Yes |
| signal inputs/outputs | |
| operating voltage / of the signaling contacts | |
| • at DC / rated value | 24 V |
| operational current / of the signaling contacts | |
| • at DC / maximum | 0.1 A |
| supply voltage, current consumption, power loss | |
| type of voltage / 1 / of the supply voltage | DC |
| • supply voltage / 1 / rated value | 24 V |
| • power loss [W] / 1 / rated value | 3.12 W |
| • supply voltage / 1 / rated value | 18 ... 32 V |
| • consumed current / 1 / maximum | 0.13 A |
| • type of electrical connection / 1 / for power supply | 4-pole terminal block |
| • product component / 1 / fusing at power supply input | Yes |
| • fuse protection type / 1 / at input for supply voltage | 1.1 A / 33 V |
| ambient conditions | |
| ambient temperature | |
| • during operation | -40 ... +60 °C |
| • during storage | -40 ... +70 °C |
| • during transport | -40 ... +70 °C |
| • note | If the IE-Switch XF-200 is installed horizontally, a maximum ambient temperature of +40 °C is permitted |
| relative humidity | |
| • at 25 °C / without condensation / during operation / | 95 % |

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| maximum | |
| protection class IP | IP20 |
| design, dimensions and weights | |
| design | Flat |
| width | 75 mm |
| height | 125 mm |
| depth | 73 mm |
| net weight | 0.25 kg |
| fastening method | |
| • 35 mm top hat DIN rail mounting | Yes |
| • wall mounting | No |
| • S7-300 rail mounting | No |
| • S7-1500 rail mounting | No |
| product features, product functions, product components / general | |
| cascading in the case of a redundant ring / at reconfiguration time of <1~0.3~s | 100 |
| cascading in cases of star topology | any (depending only on signal propagation time) |
| product functions / management, configuration, engineering | |
| product function | |
| • CLI | Yes |
| • web-based management | Yes |
| • MIB support | Yes |
| • TRAPs via email | Yes |
| • configuration with STEP 7 | Yes |
| • port mirroring | Yes |
| • multiport mirroring | No |
| • with IRT / PROFINET IO switch | No |
| • PROFINET IO diagnosis | Yes |
| PROFINET conformity class | B |
| product function / switch-managed | Yes |
| protocol / is supported | |
| • Telnet | Yes |
| • HTTP | Yes |
| • HTTPS | Yes |
| • TFTP | Yes |
| • FTP | Yes |
| • BOOTP | No |
| • DCP | Yes |
| • LLDP | Yes |
| • SNMP v1 | Yes |
| • SNMP v2 | Yes |
| • SNMP v3 | Yes |
| identification & maintenance function | |
| • I&M0 - device-specific information | Yes |
| • I&M1 - higher level designation/location designation | Yes |
| product functions / diagnostics | |
| product function | |
| • port diagnostics | Yes |
| • statistics Packet Size | Yes |
| • statistics packet type | Yes |
| • error statistics | Yes |
| product functions / DHCP | |
| product function | |
| • DHCP client | Yes |
| product functions / redundancy | |
| product function | |
| • ring redundancy | Yes |
| • High Speed Redundancy Protocol (HRP) | Yes |
| • high speed redundancy protocol (HRP) with redundancy manager | Yes |
| • high speed redundancy protocol (HRP) with standby | No |

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| redundancy | |
| protocol / is supported / Media Redundancy Protocol (MRP) | Yes |
| product function | |
| • media redundancy protocol (MRP) with redundancy manager | Yes |
| • Parallel Redundancy Protocol (PRP)/operation in the PRP-network | Yes |
| • Parallel Redundancy Protocol (PRP)/Redundant Network Access (RNA) | No |
| • passive listening | Yes |
| product functions / security | |
| protocol / is supported | |
| • SSH | Yes |
| product functions / time | |
| product function | |
| • SICLOCK support | Yes |
| protocol / is supported | |
| • NTP | No |
| • SNTP | Yes |
| standards, specifications, approvals | |
| standard | |
| • for FM | FM3611: Class 1, Division 2, Group A, B, C, D / T4, CL.1, Zone 2, GP. IIC, T4, 3021908 |
| • for emitted interference | EN 61000-6-4:2001 (Class A) |
| • for interference immunity | EN 61000-6-2:2001 |
| MTBF | 54.8 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: 2006, EN60079-15: 2005, II 3 G Ex nA II T4, KEMA 07 ATEX 0145 X |
| • from CSA and UL | ANSI / ISA 12.12.01, CSA C22.2 No. 213-M1987, CL. 1 / Div. 2 / GP. A, B, C, D T4, CL. 1 / Zone 2 / GP. IIC, T4, E240480 |
| certificate of suitability | |
| • CCC / for hazardous zone according to GB standard | Yes; GB3836.1, GB3836.8 |
| • CCC / for hazardous zone according to GB standard / as marking | Ex nA IIC T4 Gc |
| • for cULus HazLoc / as File Nr. | E240480 (NWHP, NWHP7) |
| standards, specifications, approvals / other | |
| certificate of suitability | EN 61000-6-2:2001, EN 61000-6-4:2001 |
| • C-Tick | Yes |
| • KC approval | Yes |
| • railway application in accordance with EN 50155 | No |
| • railway application in accordance with EN 50124-1 | No |
| standards, specifications, approvals / marine classification | |
| Marine classification association | |
| • American Bureau of Shipping Europe Ltd. (ABS) | Yes |
| • French marine classification society (BV) | Yes |
| • Det Norske Veritas (DNV) | No |
| • Germanische Lloyd (GL) | No |
| • DNV GL | Yes |
| • Lloyds Register of Shipping (LRS) | Yes |
| • Nippon Kaiji Kyokai (NK) | Yes |
| • Polski Rejestr Statkow (PRS) | Yes |
| • Royal Institution of Naval Architects (RINA) | 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
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- to website: Image database
- to website: CAX-Download-Manager
- to website: Industry Online Support













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security information

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Approvals / Certificates

| General Product Approval | | EMC | For use in hazardous locations | |
|---|---|---|---|---|
| Manufacturer Declaration |  | Miscellaneous |  | ATEX-Zone 2-Declaration |
| | UL | | | IECEX |
| For use in hazardous locations | | Declaration of Conformity | | |
| FM | CCC-Ex |  |  |  |
| | | UL | EG-Konf. | UKCA |
| Declaration of Conformity | Marine / Shipping | | | |
| Manufacturer Declaration |  |  |  | NK / Nippon Kaiji Kyokai |
| | ABS | BUREAU VERITAS | DNV | LRS |
| Marine / Shipping | | other | Environment | |
|  |  |  | PROFINET-Certification |  |
| | PRS | RINA | | |

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