



Compact Switch Module CSM 377 Connection SIMATIC S7-300 and up to 3 further nodes to Industrial Ethernet with 10/100 Mbit/s unmanaged switch, 4 RJ45 ports, External 24 V DC power supply LED diagnostics, S7-300 module, incl. electron. Equipment Manual on CD-ROM.

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| product type designation | SCALANCE CSM 377 |
| transfer rate | |
| transfer rate | 10 Mbit/s, 100 Mbit/s |
| interfaces / for communication / maximum configuration for modular devices | |
| number of electrical ports / maximum | 4 |
| interfaces / for communication / integrated | |
| number of electrical connections | |
| • for network components or terminal equipment | 4 |
| number of 100 Mbit/s SC ports | |
| • for multimode | 0 |
| number of 1000 Mbit/s LC ports | |
| • for multimode | 0 |
| • for single mode (LD) | 0 |
| interfaces / other | |
| number of electrical connections | |
| • for power supply | 1 |
| type of electrical connection | |
| • for power supply | 2-pole terminal block |
| 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 | 1.6 W |
| • supply voltage / 1 / rated value | 19.2 ... 28.8 V |
| • consumed current / 1 / maximum | 0.07 A |
| • type of electrical connection / 1 / for power supply | 2-pole terminal block |
| • product component / 1 / fusing at power supply input | Yes |
| • fuse protection type / 1 / at input for supply voltage | 0.5 A / 60 V |
| ambient conditions | |
| ambient temperature | |
| • during operation | 0 ... 60 °C |
| • during storage | -40 ... +70 °C |
| • during transport | -40 ... +70 °C |
| relative humidity | |
| • at 25 °C / without condensation / during operation / maximum | 95 % |
| protection class IP | IP20 |
| design, dimensions and weights | |
| design | SIMATIC S7-300 device design |
| width | 40 mm |
| height | 125 mm |

| | |
|--|--|
| depth | 118 mm |
| net weight | 0.2 kg |
| fastening method | |
| • 35 mm top hat DIN rail mounting | No |
| • wall mounting | No |
| • S7-300 rail mounting | Yes |
| • S7-1500 rail mounting | No |
| product functions / management, configuration, engineering | |
| product function | |
| • multiport mirroring | No |
| 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, Divison 2, Group A, B, C, D / T.., CL.1, Zone 2, GP. IIC, T.. Ta |
| • for safety / from CSA and UL | UL 508, CSA C22.2 No. 142 |
| • for emitted interference | EN 61000-6-4:2001 |
| • for interference immunity | EN 61000-6-2:2001 |
| MTBF | 144 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 60079-15, II 3 G Ex nA II T.., KEMA 06 ATEX 0021 X |
| • from CSA and UL | UL 1604 and UL 2279-15 (Hazardous Location) |
| certificate of suitability | |
| • CCC / for hazardous zone according to GB standard | Yes |
| standards, specifications, approvals / other | |
| certificate of suitability | EN 61000-6-2:2001, EN 61000-6-4:2001 |
| • C-Tick | Yes |
| • KC approval | 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) | Yes |
| • Germanische Lloyd (GL) | No |
| • Lloyds Register of Shipping (LRS) | Yes |
| • Nippon Kaiji Kyokai (NK) | Yes |
| • Polski Rejestr Statkow (PRS) | No |
| • Royal Institution of Naval Architects (RINA) | No |
| 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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