



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.

| product type designation | |
|--|-----------------------|
| product brand name | SCALANCE |
| product type designation | CSM 377 |
| transfer rate | |
| transfer rate | 10 Mbit/s, 100 Mbit/s |
| 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 |
| 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, 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 | |
| width | 40 mm |
| height | 125 mm |
| depth | 118 mm |
| net weight | 0.2 kg |
| fastening method | |
| • 35 mm top hat DIN rail mounting | No |

| | |
|---|---|
| <ul style="list-style-type: none"> • wall mounting | No |
| <ul style="list-style-type: none"> • S7-300 rail mounting | Yes |
| <ul style="list-style-type: none"> • S7-1500 rail mounting | No |
| product functions / management, configuration, engineering | |
| product function | |
| <ul style="list-style-type: none"> • multiport mirroring | No |
| <ul style="list-style-type: none"> • switch-managed | No |
| product functions / redundancy | |
| 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 | |
| certificate of suitability | |
| <ul style="list-style-type: none"> • CE marking | Yes |
| <ul style="list-style-type: none"> • cULus approval | Yes |
| <ul style="list-style-type: none"> • KC approval | No |
| <ul style="list-style-type: none"> • Regulatory Compliance Mark (RCM) | Yes |
| standard | |
| <ul style="list-style-type: none"> • for EMC interference emission | EN 61000-6-4:2001 |
| <ul style="list-style-type: none"> • for immunity to EMC | EN 61000-6-2:2001 |
| <ul style="list-style-type: none"> • for safety / from CSA and UL | UL 508, CSA C22.2 No. 142 |
| standards, specifications, approvals / hazardous environments | |
| certificate of suitability | |
| <ul style="list-style-type: none"> • ATEX | Yes |
| <ul style="list-style-type: none"> • UKEX | Yes |
| <ul style="list-style-type: none"> • IECEx | Yes |
| <ul style="list-style-type: none"> • ULhazloc approval | Yes |
| <ul style="list-style-type: none"> • CCC / for hazardous zone according to GB standard | Yes |
| <ul style="list-style-type: none"> • FM registration | Yes |
| standards, specifications, approvals / other | |
| certificate of suitability | |
| <ul style="list-style-type: none"> • RoHS conformity | Yes |
| standards, specifications, approvals / marine classification | |
| Marine classification association | |
| <ul style="list-style-type: none"> • American Bureau of Shipping Europe Ltd. (ABS) | Yes |
| <ul style="list-style-type: none"> • French marine classification society (BV) | Yes |
| <ul style="list-style-type: none"> • DNV GL | Yes |
| <ul style="list-style-type: none"> • Korean Register of Shipping (KRS) | Yes |
| <ul style="list-style-type: none"> • Lloyds Register of Shipping (LRS) | Yes |
| <ul style="list-style-type: none"> • Nippon Kaiji Kyokai (NK) | Yes |
| <ul style="list-style-type: none"> • Polski Rejestr Statkow (PRS) | Yes |
| <ul style="list-style-type: none"> • Royal Institution of Naval Architects (RINA) | Yes |
| product functions / general | |
| MTBF | 144 a |
| reference code | |
| <ul style="list-style-type: none"> • according to IEC 81346-2 | KF |
| <ul style="list-style-type: none"> • according to IEC 81346-2:2019 | KFE |
| Warranty period | 5 a |
| product function / is supported / identification link | Yes; acc. to IEC 61406-1:2022 |
| further information / internet links | |
| internet link | |
| <ul style="list-style-type: none"> • to website: Selection guide for cables and connectors | https://support.industry.siemens.com/cs/ww/en/view/109766358 |
| <ul style="list-style-type: none"> • to web page: selection aid TIA Selection Tool | https://www.siemens.com/tstcloud |
| <ul style="list-style-type: none"> • to website: Industrial communication | https://www.siemens.com/simatic-net |
| <ul style="list-style-type: none"> • to web page: SiePortal | https://sieportal.siemens.com/ |
| <ul style="list-style-type: none"> • to website: Image database | https://www.automation.siemens.com/bilddb |
| <ul style="list-style-type: none"> • to website: CAx-Download-Manager | https://www.siemens.com/cax |
| <ul style="list-style-type: none"> • to website: Industry Online Support | https://support.industry.siemens.com |
| security information | |

security information

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Approvals / Certificates

General Product Approval



[Declaration of Conformity](#)



General Product Approval

For use in hazardous locations

Marine / Shipping



[CCC-Ex](#)



Marine / Shipping

Environment



[NK / Nippon Kaiji Kyokai](#)



[Confirmation](#)

Environment



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12/23/2024