



*** spare part *** SIMATIC S7-200, PROFIBUS DP Slave module, 9.6 KB to 12 MB, 1 interface PROFIBUS-DP/MPI

| Supply voltage | |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| Load voltage L+ | |
| • Rated value (DC) | 24 V |
| • permissible range, lower limit (DC) | 20.4 V |
| • permissible range, upper limit (DC) | 28.8 V |
| Input current | |
| from external supply (24 V DC), max. | 180 mA; 30 to 180 mA |
| from backplane bus 5 V DC, max. | 150 mA |
| Output current | |
| For interface (5 V DC), max. | 90 mA |
| For interface (24 V DC), max. | 120 mA |
| • Current limitation | 0.7 to 2.4 A |
| Power loss | |
| Power loss, typ. | 2.5 W |
| Hardware configuration | |
| connectable nodes | TD 200 as of V2.0, OP, TP, PG/PC, S7-300/400, PROFIBUS DP master |
| Interfaces | |
| Number of RS 485 interfaces | 1 |
| MPI | |
| • Number of connections, max. | 6 |
| Interface types | |
| RS 485 | |
| • Transmission rate, max. | 12 Mbit/s; 9,6 / 19,2 / 45,45 / 93,75 / 187,5 / 500 kbit/s; 1 / 1,5 / 3 / 6 / 12 Mbit/s |
| • automatic detection of transmission rate | Yes |
| • Cable length, max. | 1 200 m; 100 to 1200 m, depending on transmission speed |
| Protocols | |
| Bus protocol/transmission protocol | PROFIBUS DP (slave), MPI (slave) |
| PROFIBUS DP | |
| • Number of node addresses, max. | 0 to 99, adjustable |
| • Number of stations per segment, max. | 32 |
| • Number of stations in network, max. | 126; of which max. 99 EM 277 |
| Interrupts/diagnostics/status information | |
| Diagnostics indication LED | |
| • Monitoring of the supply voltage (PWR-LED) | Yes |
| • Bus fault BF (red) | Yes |
| • CPU error (red) | Yes |
| • DX mode (red) | Yes |
| Isolation | |
| Isolation tested with | between external signal and control logic: 500 V AC (galvanic); 5 V DC interface: Isolation between output and module as well as 24 V DC supply |

voltage: 500 V AC (max. 1 min.); 24 V DC interface: Isolation no; same circuit as 24 V DC supply voltage

connection method

Plug-in I/O terminals

No

Dimensions

Width

71.2 mm

Height

80 mm

Depth

62 mm

Weights

Weight, approx.

175 g

last modified:

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