

SIMATIC DP, INTERFACE MODULE IM151-1 HIGH FEATURE F. ET200S; TRANSMISS. RATE UP TO 12MBIT/S; DATA VOLUMEN 244 BYTE FOR I/O, MAX. 63 MODULES CONNECTABLE; ISOCHRONONE MODE, BUS INTERFACING VIA 9-WAY SUB-D CONNECTOR, INCL. TERMINATING MODULE



Figure similar

| | |
|--|-----------|
| Supply voltage | |
| Mains buffering | |
| • Mains/voltage failure stored energy time | 20 ms |
| Input current | |
| from supply voltage 1L+, max. | 200 mA |
| Power loss | |
| Power loss, typ. | 3.3 W |
| Address area | |
| Addressing volume | |
| • Inputs | 244 byte |
| • Outputs | 244 byte |
| Interfaces | |
| Interface physics, RS 485 | Yes |
| PROFIBUS DP | |
| • Transmission rate, max. | 12 Mbit/s |
| • SYNC capability | Yes |
| • FREEZE capability | Yes |

| | |
|---|---------------|
| • Direct data exchange (slave-to-slave communication) | Yes |
| Protocols | |
| Supports protocol for PROFINET IO | No |
| PROFIBUS DP | Yes |
| Protocols (Ethernet) | |
| • TCP/IP | No |
| Isochronous mode | |
| Isochronous operation (application synchronized up to terminal) | Yes |
| Interrupts/diagnostics/status information | |
| Alarms | |
| • Alarms | Yes |
| Diagnostic messages | |
| • Diagnostic functions | Yes |
| Diagnostics indication LED | |
| • Bus fault BF (red) | Yes |
| • Group error SF (red) | Yes |
| • Monitoring 24 V voltage supply ON (green) | Yes |
| Potential separation | |
| between backplane bus and electronics | No |
| between electronic block and PROFIBUS DP | Yes |
| between supply voltage and electronics | No |
| Permissible potential difference | |
| between different circuits | 75V DC/60V AC |
| Isolation | |
| Isolation tested with | 500 V DC |
| Standards, approvals, certificates | |
| CE mark | Yes |
| UL approval | Yes |
| Ambient conditions | |
| Ambient temperature during operation | |
| • min. | 0 °C |
| • max. | 60 °C |
| Dimensions | |
| Width | 45 mm |
| Height | 119.5 mm |
| Depth | 75 mm |
| Weights | |

Weight, approx.

150 g

last modified:

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