




Figure similar

SIMATIC DP, Interface module IM 151-3 PN HF for ET 200S Transmission rate 100 Mbit/s max. 63 I/O modules up to 2 m width can be connected; 2x bus connections via RJ45 incl. termination module

| General information | |
|---|----------------|
| Product type designation | IM 151-3 PN HF |
| Configuration control | |
| via dataset | Yes |
| 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 | 256 byte |
| • Outputs | 256 byte |
| Interfaces | |
| Number of PROFINET interfaces | 1 |
| Transmission rate, max. | 100 Mbit/s |
| 1. Interface | |
| Autonegotiation | Yes |
| Autocrossing | Yes |
| Interface types | |
| • RJ 45 (Ethernet) | Yes |
| • Number of ports | 2 |
| PROFINET IO Device | |
| Services | |
| — IRT | Yes |
| — PROFIenergy | Yes |
| — Prioritized startup | Yes |
| — Shared device | Yes |
| — Number of IO Controllers with shared device, max. | 2 |
| Protocols | |
| Supports protocol for PROFINET IO | Yes |
| Protocols (Ethernet) | |
| • SNMP | Yes |
| • LLDP | Yes |
| • ping | Yes |

| | |
|--|---|
| • ARP | Yes |
| Redundancy mode | |
| Media redundancy | |
| — MRP | Yes |
| Interrupts/diagnostics/status information | |
| Alarms | Yes |
| Diagnostics function | Yes |
| Diagnostics indication LED | |
| • LINK LED | Yes |
| • 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 supply voltage and electronics | No |
| between Ethernet and electronics | Yes |
| Isolation | |
| Isolation tested with | 500 V |
| Standards, approvals, certificates | |
| CE mark | Yes |
| UL approval | Yes |
| Ambient conditions | |
| Ambient temperature during operation | |
| • min. | 0 °C |
| • max. | 60 °C |
| Dimensions | |
| Width | 60 mm |
| Height | 119.5 mm |
| Depth | 75 mm; with mounting rail |
| Weights | |
| Weight, approx. | 150 g |
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