# SIEMENS

Data sheet

SIMATIC ET 200SP, PROFIBUS INTERFACE MODULE, IM155-6DP
HIGH FEATURE, MAX. 32 PERIPHERY MODULES, MULTI HOT
SWAP, INCL. SERVER MODULE, INCL. PROFIBUS CONNECTOR



| Product type designation | |
|---|---|
| **General information** | |
| Product function | |
| • I&M data | Yes; I&M0 to I&M3 |
| Engineering with | |
| • STEP 7 TIA Portal configurable/integrated as of version | - / - |
| • STEP 7 configurable/integrated as of version | V5.5 SP3 / - |
| • PROFIBUS as of GSD version/GSD revision | GSD as of Revision 5 |
| **Supply voltage** | |
| Type of supply voltage | DC |
| Rated value (DC) | 24 V |
| permissible range, lower limit (DC) | 19.2 V |
| permissible range, upper limit (DC) | 28.8 V |
| Reverse polarity protection | Yes |
| Mains buffering | |
| • Mains/voltage failure stored energy time | 5 ms |
| **Input current** | |

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| | |
|---|---|
| Current consumption, max. | 250 mA |
| Inrush current, max. | 4.5 A |

| Power loss | |
|---|---|
| Power loss, typ. | 1.5 W |

| Address space per station | |
|---|---|
| • Address space per station, max. | 244 byte |

| Interfaces | |
|---|---|
| Number of PROFIBUS interfaces | 1 |
| 1. Interface | |
| Interface types | |
| — RS 485 | Yes |
| — Output current of the interface, max. | 90 mA |
| Protocols | |
| — PROFIBUS DP slave | Yes |
| RS 485 | |
| • Transmission rate, max. | 12 Mbit/s |
| PROFIBUS | |
| Services | |
| — SYNC capability | Yes |
| — FREEZE capability | Yes |
| — DPV0 | No |
| — DPV1 | Yes |

| Interrupts/diagnostics/status information | |
|---|---|
| Status indicator | Yes |
| Alarms | |
| • Alarms | Yes |
| Diagnostic messages | |
| • Diagnostic functions | Yes |
| Diagnostics indication LED | |
| • RUN LED | Yes; Green LED |
| • ERROR LED | Yes; Red LED |
| • MAINT LED | Yes; yellow LED |
| • Monitoring of the supply voltage (PWR-LED) | Yes; green PWR LED |
| • Connection display DP | Yes; Green DP LED |

| Potential separation | |
|---|---|
| between PROFIBUS DP and all other circuit components | Yes |
| between supply and all other circuits | Yes |

| Permissible potential difference | |
|---|---|
| between different circuits | 75 V DC/60 V AC (base isolation) |

| Isolation | |
|---|---|
| Isolation tested with | 707 V DC (type test) |

| Dimensions | |
|---|---|
| Width | 50 mm |
| Height | 117 mm |
| Depth | 74 mm |

| Weights | |
|---|---|
| Weight, approx. | 150 g |

| **last modified:** | 29.07.2015 |