



Main

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| Range of product | Modicon STB distributed I/O solution |
| Product or component type | Standard Network Interface Module |
| Integrated connection type | DeviceNet conforming to Open DeviceNet Vendors Assoc 5-way male 1 twisted pair (network) DeviceNet conforming to Open DeviceNet Vendors Assoc HE-13 (RS232 port) DeviceNet conforming to Open DeviceNet Vendors Assoc 8-way female (RS232 port) |
| Number of segments | 1 primary, maximum 6 extensions |
| Number of slave | 64 |
| Transmission rate | 125...500 kbit/s for bus length of 0...1200 m |

Complementary

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| Number of addressable I/O module | 0...32 per island |
| Communication service | Island Bus Object (class ID101) DeviceNet Object (class ID3) Connection Object (class ID5) |
| [Us] rated supply voltage | 24 V DC |
| Power supply type | SELV |
| Maximum supply current | 700 A |
| Supply voltage limits | 19.2...30 V |
| Input current | 430 mA for supply circuit |
| Nominal output current | 0.575 A at 60...70 °C 1.2 A |
| Maximum output impedance | 0.05 Ohm at 100000 kHz |
| Output voltage | 5.25 V DC (tolerance: +/- 0.21 %) for logic bus |
| Marking | CE |
| Overvoltage category | II |
| Status LED | 1 LED (green)island state (RUN) 1 LED (green)MNSG 1 LED (green)MNSR 1 LED (green)power supply (PWR) 1 LED (red)module error (ERR) 1 LED (yellow)test mode |
| Depth | 70 mm |
| Height | 40 mm |
| Width | 128.3 mm |

Environment

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| Electromagnetic compatibility | Immunity to electromagnetic interference conforming to IEC 61131-2 |
| Product certifications | FM Class 1 Division 2 CSA UL ATEX Cat 3G C-Tick |
| Pollution degree | 2 conforming to IEC 60664-1 |
| Operating altitude | <= 2000 m |
| IP degree of protection | IP20 conforming to EN 61131-2 class 1 |
| Ambient air temperature for operation | 0...60 °C (without derating) -25...70 °C (with derating factor) |
| Ambient air temperature for storage | -40...85 °C |

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| Relative humidity | 95 % at 60 °C without condensation |
| Vibration resistance | 3 gn at 58...150 Hz on 35 x 7.5 mm symmetrical DIN rail 5 gn at 58...150 Hz on 35 x 15 mm symmetrical DIN rail +/-0.35 mm at 10...58 Hz |
| Shock resistance | 30 gn for 11 ms conforming to IEC 88 reference 2-27 |

Packing Units

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| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Weight | 135 g |
| Package 1 Height | 2.5 cm |
| Package 1 width | 8 cm |
| Package 1 Length | 13 cm |

Offer Sustainability

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| REACH Regulation |  REACH Declaration |
| EU RoHS Directive | Pro-active compliance (Product out of EU RoHS legal scope)  EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information |  Yes |
| China RoHS Regulation |  China RoHS Declaration |
| Environmental Disclosure |  Product Environmental Profile |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |

Contractual warranty

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| Warranty | 18 months |
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Dimensions

