

Product data sheet

Specifications



network interface module, Modicon STB, standard, Ethernet/IP, 10-100Mbit/s

STBNIC2212

Product availability: Stock - Normally stocked in distribution facility

Main

| | |
|-------------------------------|--|
| Range of Product | Modicon STB distributed I/O solution |
| Product or Component Type | Standard Network Interface Module |
| Integrated connection type | Ethernet/IP IEEE 802.3 female RJ45 double shielded twisted pair via Ethernet network) Ethernet/IP IEEE 802.3 HE-13 RS232 port) Ethernet/IP IEEE 802.3 8-way female RS232 port) |
| Port Ethernet | 10BASE-T/100BASE-T |
| Exchange mode | Half or full duplex |
| Number of segments | 1 primary, maximum 6 extensions |
| Number of devices per segment | 0...256 |
| Transmission rate | 10/100 Mbit/s |

Complementary

| | |
|----------------------------------|---|
| Number of addressable I/O module | 0...32 per island |
| Communication Service | Embedded web (configuration,diagnostics and access to variable) BootP/DHCP protocol SNMP agent |
| [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 supply circuit |
| Nominal output current | 0.575 A 140...158 °F (60...70 °C) 1.2 A |
| Output voltage | 5.25 V DC +/- 0.21 %)logic bus |
| marking | CE |
| Overvoltage category | II |
| Status LED | 1 LED ACT 1 LED island state (RUN) 1 LED module error (ERR) 1 LED MS 1 LED NS 1 LED power supply (PWR) 1 LED test mode (TEST) |
| Depth | 2.8 in (70 mm) |
| Height | 1.6 in (40 mm) |
| Width | 5.05 in (128.3 mm) |

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

| | |
|------------|-------------------------|
| Net Weight | 0.320 lb(US) (0.145 kg) |
|------------|-------------------------|

Environment

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|---------------------------------------|--|
| Standards | FM Class 1 division 2, groups A, B, C and D T4A with 70 °C IEC 61131-2 : 2003 |
| Product Certifications | UL ODVA C-tick CSA |
| Pollution degree | 2 IEC 60664-1 |
| Operating altitude | <= 6561.68 ft (2000 m) |
| IP degree of protection | IP20 conforming to IEC 61131-2 class 1 |
| Ambient air temperature for operation | 32...140 °F (0...60 °C) without derating) -13...158 °F (-25...70 °C) with derating factor) |
| Ambient Air Temperature for Storage | -40...185 °F (-40...85 °C) |
| Relative humidity | 95 % 140 °F (60 °C) without condensation |
| Vibration resistance | 3 gn 58...150 Hz 35 x 7.5 mm symmetrical DIN rail 5 gn 58...150 Hz 35 x 15 mm symmetrical DIN rail +/-0.35 mm 10...58 Hz |
| Shock resistance | 30 gn 11 ms IEC 88 reference 2-27 |

Ordering and shipping details

| | |
|-------------------|---------------|
| Category | US1PC3218215 |
| Discount Schedule | PC32 |
| GTIN | 3595863987812 |
| Returnability | Yes |
| Country of origin | US |

Packing Units

| | |
|------------------------------|--------------------------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 1.69 in (4.300 cm) |
| Package 1 Width | 2.83 in (7.200 cm) |
| Package 1 Length | 5.12 in (13.000 cm) |
| Package 1 Weight | 5.820 oz (165.000 g) |
| Unit Type of Package 2 | S02 |
| Number of Units in Package 2 | 30 |
| Package 2 Height | 5.91 in (15.000 cm) |
| Package 2 Width | 11.81 in (30.000 cm) |
| Package 2 Length | 15.75 in (40.000 cm) |
| Package 2 Weight | 11.784 lb(US) (5.345 kg) |

Contractual warranty

| | |
|----------|-----------|
| Warranty | 18 months |
|----------|-----------|

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[How we assess product sustainability >](#)



Transparency

Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information [Yes](#)

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Pro-active compliance (Product out of EU RoHS legal scope)

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.

California Proposition 65 WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Scip Number F760fd97-89c1-4651-a374-9b8eff254b6a

Dimensions Drawings

Dimensions

