

# Product datasheet

Specifications



## standard Network Interface Module STB - Ethernet/IP - 10...100 Mbit/s

STBNIC2212

Price: 7,024.29 ZAR

### Main

|                               |                                                                                                                                                                                                                                   |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Range Of Product              | Modicon STB distributed I/O solution                                                                                                                                                                                              |
| Product Or Component Type     | Standard Network Interface Module                                                                                                                                                                                                 |
| Integrated Connection Type    | Ethernet/IP conforming to IEEE 802.3 female RJ45 double shielded twisted pair via Ethernet (network)<br>Ethernet/IP conforming to IEEE 802.3 HE-13 (RS232 port)<br>Ethernet/IP conforming to 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)<br>BootP/DHCP protocol<br>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 for supply circuit                                                                                                                       |
| Nominal Output Current           | 0.575 A at 60...70 °C<br>1.2 A                                                                                                                  |
| Output Voltage                   | 5.25 V DC (tolerance: +/- 0.21 %) for logic bus                                                                                                 |
| Marking                          | CE                                                                                                                                              |
| Overvoltage Category             | II                                                                                                                                              |
| Status Led                       | 1 LED ACT<br>1 LED island state (RUN)<br>1 LED module error (ERR)<br>1 LED MS<br>1 LED NS<br>1 LED power supply (PWR)<br>1 LED test mode (TEST) |
| Depth                            | 70 mm                                                                                                                                           |
| Height                           | 40 mm                                                                                                                                           |
| Width                            | 128.3 mm                                                                                                                                        |

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

|            |          |
|------------|----------|
| Net Weight | 0.145 kg |
|------------|----------|

## Environment

|                                       |                                                                                                                                               |
|---------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Standards                             | FM Class 1 division 2, groups A, B, C and D T4A with 70 °C<br>IEC 61131-2 : 2003                                                              |
| Product Certifications                | UL<br>ODVA<br>C-Tick<br>CSA                                                                                                                   |
| Pollution Degree                      | 2 conforming to IEC 60664-1                                                                                                                   |
| Operating Altitude                    | <= 2000 m                                                                                                                                     |
| Ip Degree Of Protection               | IP20 conforming to IEC 61131-2 class 1                                                                                                        |
| Ambient Air Temperature For Operation | 0...60 °C (without derating)<br>-25...70 °C (with derating factor)                                                                            |
| Ambient Air Temperature For Storage   | -40...85 °C                                                                                                                                   |
| 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<br>5 gn at 58...150 Hz on 35 x 15 mm symmetrical DIN rail<br>+/-0.35 mm at 10...58 Hz |
| Shock Resistance                      | 30 gn for 11 ms conforming to IEC 88 reference 2-27                                                                                           |

## Packing Units

|                              |           |
|------------------------------|-----------|
| Unit Type Of Package 1       | PCE       |
| Number Of Units In Package 1 | 1         |
| Package 1 Height             | 4.300 cm  |
| Package 1 Width              | 7.200 cm  |
| Package 1 Length             | 13.000 cm |
| Package 1 Weight             | 165.000 g |
| Unit Type Of Package 2       | S02       |
| Number Of Units In Package 2 | 30        |
| Package 2 Height             | 15.000 cm |
| Package 2 Width              | 30.000 cm |
| Package 2 Length             | 40.000 cm |
| Package 2 Weight             | 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-CO<sub>2</sub> 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 >](#)

[Guide to assess a product's 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 |     |

Dimensions Drawings

Dimensions

