

# Product data sheet

Specifications



## ASCII serial link module Modicon Quantum - 2 RS232C port

140ESI06210C

⚠ Discontinued on: Dec 31, 2021

⚠ To be end-of-service on: Dec 31, 2029

⚠ Discontinued - Service only

### Main

|                           |   |
|---------------------------|---|
| Range Of Product          | Modicon Quantum automation platform                                   |
| Product Or Component Type | ASCII serial link module  |
| Software Name             | Concept > V2<br>ProWORX 32 > V2<br>ProWORX NxT > V2<br>Unity Pro > V2 |

### Complementary

|  |   |
|--|---|
| Product Compatibility                  | All Quantum CPU                               |
| Product Specific Application           | For severe environments                       |
| Mode Of Transmission                   | ASCII   |
| Number Of Port                         | 2 RS232C non isolated conforming to DIN 66020 |
| Electrical Connection                  | 2 connectors SUB-D 9                          |
| Transmission Rate                      | 19.2 kbit/s                                   |
| Maximum Cable Distance Between Devices | <20 m   |
| Message Nesting                        | 8 levels                                      |
| Buffer Size                            | 255 I bytes/255 O bytes                       |
| Number Of Messages                     | 255   |
| Message Length                         | 127 characters + 1 checksum maximum           |
| Clock                                  | With calendar clock                           |
| Memory Capacity                        | 128 kB flash<br>32 kB RAM                     |
| Maximum Power Dissipation In W         | 2 W   |
| Addressing Requirement                 | 12 input words<br>12 output words             |
| Bus Current Requirement                | 300 mA  |
| Module Format                          | Standard                                      |
| Net Weight                             | 0.3 kg  |

### Environment

|                                       |  |
|---------------------------------------|--|
| Resistance To Electromagnetic Fields  | 10 V/m 80...1000 MHz conforming to IEC 801-3 |
| Ambient Air Temperature For Operation | 0...60 °C                                    |

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

|                                     |                           |
|-------------------------------------|---------------------------|
| Ambient Air Temperature For Storage | -40...85 °C               |
| Relative Humidity                   | 95 % without condensation |
| Operating Altitude                  | <= 5000 m                 |

## Packing Units

|                              |          |
|------------------------------|----------|
| Unit Type Of Package 1       | PCE      |
| Number Of Units In Package 1 | 1        |
| Package 1 Height             | 5.0 cm   |
| Package 1 Width              | 16.5 cm  |
| Package 1 Length             | 31.5 cm  |
| Package 1 Weight             | 423.0 g  |
| Unit Type Of Package 2       | S02      |
| Number Of Units In Package 2 | 2        |
| Package 2 Height             | 15.0 cm  |
| Package 2 Width              | 30.0 cm  |
| Package 2 Length             | 40.0 cm  |
| Package 2 Weight             | 1.196 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 >](#)



RoHS/REACH

## Well-being performance

✓ Reach Free Of Svhc

✓ Mercury Free

✓ Rohs Exemption Information [Yes](#)

## Certifications & Standards

|                           |   |
|---------------------------|---|
| Eu Rohs Directive         | Pro-active compliance (Product out of EU RoHS legal scope)<br><a href="#">EU RoHS Declaration</a>   |
| China Rohs Regulation     | <a href="#">China RoHS declaration</a>  |
| Weee                      | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins   |
| Circularity Profile       | <a href="#">End of Life Information</a>   |
| 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a> |

Dimensions Drawings

Racks for Modules Mounting

Dimensions of Modules and Racks



- (1) 2 slots
- (2) 3 slots
- (3) 4 slots
- (4) 6 slots
- (5) 10 slots
- (6) 16 slots