# Product data sheet

Specifications

## communication module, Zelio Logic SR2 SR3, modbus slave, 24V DC, smart relay

SR3MBU01BD

## Main

| | |
|---|---|
| **Range Of Product** | Zelio Logic |
| **Product Or Component Type** | Modbus slave communication module |
| **Wiring Mode** | 2 or 4 wires |

## Complementary

| | |
|---|---|
| **Product Compatibility** | All modules with 24 V supply SR3 B...BD |
| **Communication Port Protocol** | Modbus |
| **Communication Port Support** | RS485 |
| **Electrical Connection** | 1 connector RJ45 |
| **Transmission Frame** | RTU<br>ASCII |
| **Transmission Rate** | 1200 bauds<br>9600 bauds<br>38400 bauds<br>19200 bauds<br>57600 bauds<br>28800 bauds<br>2400 bauds<br>4800 bauds |
| **Parity** | No<br>Odd<br>Even |
| **Number Of Addresses** | 1…247 |
| **Programming Language** | FBD<br>Ladder |
| **Connections - Terminals** | Screw terminals, 1 x 0.25...1 x 2.5 mm² (AWG 24...AWG 14) semi-solid<br>Screw terminals, 1 x 0.25...1 x 2.5 mm² (AWG 24...AWG 14) solid<br>Screw terminals, 2 x 0.25...2 x 1.5 mm² (AWG 23...AWG 16) solid<br>Screw terminals, 1 x 0.25...1 x 2.5 mm² (AWG 24...AWG 14) flexible with cable end<br>Screw terminals, 2 x 0.25...2 x 0.75 mm² (AWG 24...AWG 18) flexible with cable end |
| **Tightening Torque** | 0.5 N.m |
| **Local Signalling** | 1 LED for communication<br>1 LED for power ON |
| **Net Weight** | 0.11 kg |

## Environment

| | |
|---|---|
| **Product Certifications** | GOST<br>CSA<br>GL<br>C-Tick<br>UL |

| Standards | IEC 60068-2-27 Ea |
|---|---|
| | IEC 61000-4-3 |
| | IEC 61000-4-4 level 3 |
| | IEC 61000-4-2 level 3 |
| | IEC 61000-4-5 |
| | IEC 60068-2-6 Fc |
| Ip Degree Of Protection | IP20 (terminal block) conforming to IEC 60529 |
| | IP40 (front panel) conforming to IEC 60529 |
| Environmental Characteristic | EMC directive conforming to IEC 61000-6-2 |
| | EMC directive conforming to IEC 61000-6-3 |
| | EMC directive conforming to IEC 61000-6-4 |
| | EMC directive conforming to IEC 61131-2 zone B |
| | Low voltage directive conforming to IEC 61131-2 |
| Disturbance Radiated/Conducted | Class B conforming to EN 55022-11 group 1 |
| Pollution Degree | 2 conforming to IEC 61131-2 |
| Ambient Air Temperature For Operation | -20…40 °C conforming to IEC 60068-2-1 and IEC 60068-2-2 |
| | -20…55 °C conforming to IEC 60068-2-1 and IEC 60068-2-2 |
| Ambient Air Temperature For Storage | -40…70 °C |
| Operating Altitude | 2000 m |
| Maximum Altitude Transport | 3048 m |
| Relative Humidity | 95 % without condensation or dripping water |

## Packing Units

| Unit Type Of Package 1 | PCE |
|---|---|
| Number Of Units In Package 1 | 1 |
| Package 1 Height | 6.000 cm |
| Package 1 Width | 6.500 cm |
| Package 1 Length | 11.000 cm |
| Package 1 Weight | 105.000 g |
| Unit Type Of Package 2 | S03 |
| Number Of Units In Package 2 | 48 |
| Package 2 Height | 30.000 cm |
| Package 2 Width | 30.000 cm |
| Package 2 Length | 40.000 cm |
| Package 2 Weight | 5.540 kg |

## Contractual warranty

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

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# Sustainability

**Green Premium<sup>TM</sup> 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-$CO_2$ 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    RoHS/REACh

## Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information        Yes

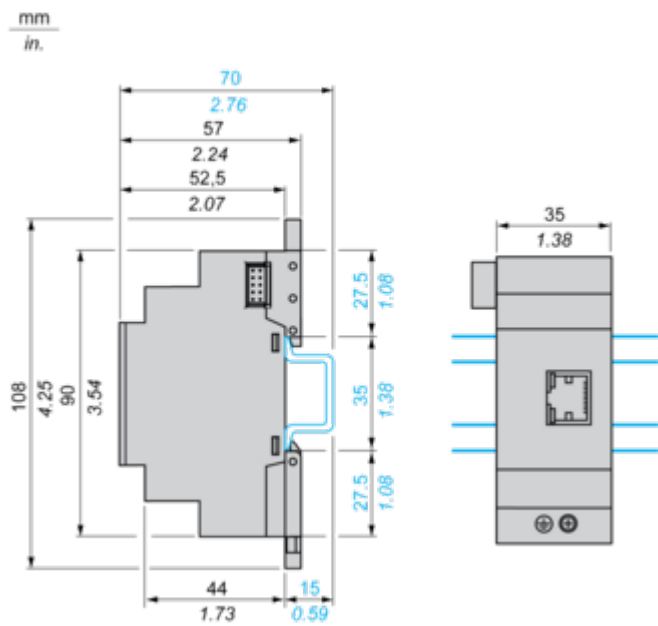✓ Pvc Free

## Certifications & Standards

| | |
|---|---|
| **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 |
| **Circularity Profile** | End of Life Information |
| **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 |

## Dimensions Drawings

**Communication Modules**

**Rail Mounting**



**Screw Mounting (Retractable Lugs)**