# Product data sheet Characteristics

## SR3MBU01BD

# Modbus network slave communication module - for SR3 24 V DC smart relay

Product availability: Stock - Normally stocked in distribution facility



| 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 BBD  |
|-----------------------------|---|
| Communication port protocol | Modbus  |
| Communication port support  | RS485   |
| Electrical connection       | 1 connector RJ45  |
| Transmission frame          | ASCII<br>RTU  |
| Transmission rate           | 57600 bauds 38400 bauds 1200 bauds 4800 bauds 9600 bauds 19200 bauds 2400 bauds 28800 bauds   |
| Parity                      | Odd<br>Even<br>No   |
| Number of addresses         | 1247  |
| Programming language        | FBD<br>Ladder   |
| Connections - terminals     | Screw terminals, 1 x 0.251 x 2.5 mm², AWG 24AWG 14, semi-solid cable Screw terminals, 1 x 0.251 x 2.5 mm², AWG 24AWG 14, solid cable Screw terminals, 2 x 0.252 x 1.5 mm², AWG 23AWG 16, solid cable Screw terminals, 1 x 0.251 x 2.5 mm², AWG 24AWG 14, flexible cable with cable end Screw terminals, 2 x 0.252 x 0.75 mm², AWG 24AWG 18, flexible cable with cable end |
| Tightening torque           | 4.42 lbf.in (0.5 N.m)   |
| Local signalling            | 1 LED communication 1 LED power ON  |
| Product weight              | 0.24 lb(US) (0.11 kg)   |
|                             |   |

#### Environment

| Product certifications                | GOST  |
|---------------------------------------|---|
|                                       | C-Tick  |
|                                       | UL  |
|                                       | CSA   |
|                                       | GL  |
| Standards                             | EN/IEC 60068-2-27 Ea  |
|                                       | EN/IEC 61000-4-2 level 3  |
|                                       | EN/IEC 61000-4-4 level 3  |
|                                       | EN/IEC 61000-4-5  |
|                                       | EN/IEC 61000-4-3  |
|                                       | EN/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 EN/IEC 61000-6-2                      |
|                                       | EMC directive conforming to EN/IEC 61000-6-3                      |
|                                       | EMC directive conforming to EN/IEC 61000-6-4                      |
|                                       | EMC directive conforming to EN/IEC 61131-2 zone B                 |
|                                       | Low voltage directive conforming to EN/IEC 61131-2                |
| Disturbance radiated/conducted        | Class B conforming to EN 55022-11 group 1                         |
| Pollution degree                      | 2 conforming to EN/IEC 61131-2                                    |
| Ambient air temperature for operation | -4131 °F (-2055 °C) conforming to IEC 60068-2-1 and IEC 60068-2-2 |
| ·                                     | -4104 °F (-2040 °C) conforming to IEC 60068-2-1 and IEC 60068-2-2 |
| Ambient air temperature for storage   | -40158 °F (-4070 °C)  |
| Operating altitude                    | 6561.68 ft (2000 m)   |
| Altitude transport                    | <= 10000 ft (3048 m)  |
| Relative humidity                     | 95 % without condensation or dripping water                       |
|                                       |   |

#### Ordering and shipping details

| and omposing dotails         |  |
|------------------------------|--|
| 22378 - SR2,3 ZELIO 2 RELAYS |  |
| I                            |  |
| 00785901824411               |  |
| 1                            |  |
| 0.2300000000000001           |  |
| Υ                            |  |
| FR                           |  |
|                              |  |

### Offer Sustainability

| California proposition 65 | WARNING: This product can expose you to chemicals including:   |
|---------------------------|--|
| Substance 1               | Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. |
| More information          | For more information go to www.p65warnings.ca.gov  |

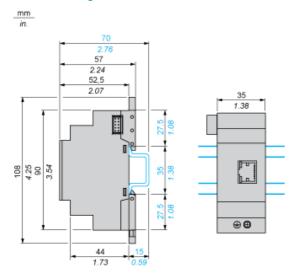
#### Contractual warranty

| orni dotadi. Hallani, |           |  |
|-----------------------|-----------|--|
| Warranty period       | 18 months |  |

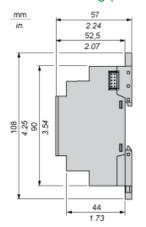
# SR3MBU01BD

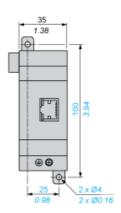
#### **Communication Modules**

#### Rail Mounting



#### Screw Mounting (Retractable Lugs)





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