# Product datasheet

**SR3MBU01BD**  
Modbus network slave communication module - for SR3 24 V DC smart relay

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**Price**: 1,512,500.00 IDR

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### 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, ASCII
- **Transmission rate**: 1200 bauds, 9600 bauds, 38400 bauds, 19200 bauds, 57600 bauds, 28800 bauds, 2400 bauds, 4800 bauds
- **Parity**: No, Odd, Even
- **Number of addresses**: 1…247
- **Programming language**: FBD, Ladder
- **Connections - terminals**:  
  - Screw terminals, 1 x 0.25...1 x 2.5 mm² (AWG 24...AWG 14) semi-solid  
  - Screw terminals, 1 x 0.25...1 x 2.5 mm² (AWG 24...AWG 14) solid  
  - Screw terminals, 2 x 0.25...2 x 1.5 mm² (AWG 23...AWG 16) solid  
  - Screw terminals, 1 x 0.25...1 x 2.5 mm² (AWG 24...AWG 14) flexible with cable end  
  - 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**: Communication: 1 LED  
  - Power ON: 1 LED
- **Product weight**: 0.11 kg
### Environment

| **Product certifications** | GOST  
|                           | CSA  
|                           | GL  
|                           | C-Tick  
|                           | UL  
| **Standards** | EN/IEC 60068-2-27 Ea  
|                  | EN/IEC 61000-4-3  
|                  | EN/IEC 61000-4-4 level 3  
|                  | EN/IEC 61000-4-2 level 3  
|                  | EN/IEC 61000-4-5  
|                  | EN/IEC 60068-2-6 Fc  
| **IP degree of protection** | IP20 conforming to IEC 60529 (terminal block)  
|                          | IP40 conforming to IEC 60529 (front panel)  
| **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** | -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  

### Offer Sustainability

| **Sustainable offer status** | Green Premium product  
| **REACH Regulation** | REACh Declaration  
| **EU RoHS Directive** | Pro-active compliance (Product out of EU RoHS legal scope)  
| | EU RoHS Declaration  
| **Mercury free** | Yes  
| **RoHS exemption information** | Yes  
| **China RoHS Regulation** | Download RoHS China Declaration  
| **Environmental Disclosure** | Product Environmental Profile  
| **Circularity Profile** | End of Life Information  
| **WEEE** | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins  

### Contractual warranty

| **Warranty** | 12 months  

Communication Modules

Rail Mounting

[Diagram of rail mounting dimensions]

Screw Mounting (Retractable Lugs)

[Diagram of screw mounting dimensions]