

Product data sheet

Characteristics

SR3MBU01BD

Modbus slave communication module, Zelio Logic, network for SR3 24 V DC smart relay



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 mm ² (AWG 24...AWG 14) semi-solid Screw terminals, 1 x 0.25...1 x 2.5 mm ² (AWG 24...AWG 14) solid Screw terminals, 2 x 0.25...2 x 1.5 mm ² (AWG 23...AWG 16) solid Screw terminals, 1 x 0.25...1 x 2.5 mm ² (AWG 24...AWG 14) flexible with cable end Screw terminals, 2 x 0.25...2 x 0.75 mm ² (AWG 24...AWG 18) flexible with cable end
Tightening torque	0.5 N.m
Local signalling	1 LED for communication 1 LED for power ON
Net 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 (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	-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 Weight	101.9 g
Package 1 Height	6 cm
Package 1 width	6.5 cm
Package 1 Length	11 cm
Unit Type of Package 2	S03
Number of Units in Package 2	48
Package 2 Weight	5.54 kg
Package 2 Height	30 cm
Package 2 width	30 cm
Package 2 Length	40 cm

Offer Sustainability

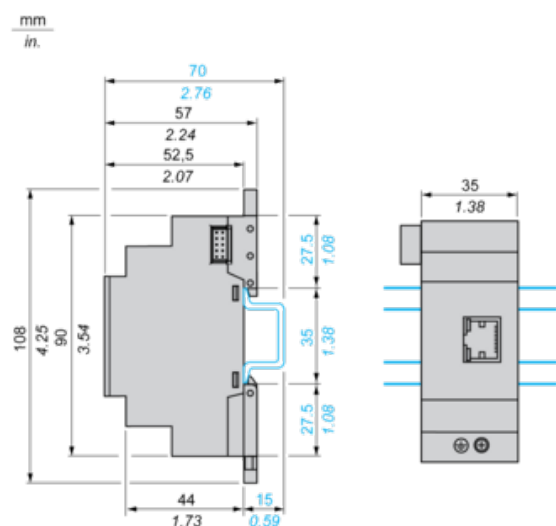
Sustainable offer status	Green Premium product
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope)  EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	 Yes
China RoHS Regulation	 China RoHS Declaration
Environmental Disclosure	 Product Environmental Profile
Circularity 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
PVC free	Yes

Contractual warranty

Warranty	18 months
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Communication Modules

Rail Mounting



Screw Mounting (Retractable Lugs)

