Product data sheet
Characteristics

SR3MBU01BD
Modbus network slave communication module - 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	ASCII RTU
Transmission rate	1200 bauds 19200 bauds 2400 bauds 28800 bauds 38400 bauds 4800 bauds 57600 bauds 9600 bauds
Parity	Even No Odd
Number of addresses	1...247
Programming language	FBD Ladder
Connections - terminals	Screw terminals, 2 x 0.25...2 x 0.75 mm², AWG 24...AWG 18, flexible cable with cable end Screw terminals, 1 x 0.25...1 x 2.5 mm², AWG 24...AWG 14, flexible cable with cable end Screw terminals, 2 x 0.25...2 x 1.5 mm², AWG 23...AWG 16, solid cable Screw terminals, 1 x 0.25...1 x 2.5 mm², AWG 24...AWG 14, solid cable Screw terminals, 1 x 0.25...1 x 2.5 mm², AWG 24...AWG 14, semi-solid cable
Tightening torque	0.5 N.m
Local signalling	1 LED for power ON 1 LED for communication
Product weight	0.11 kg

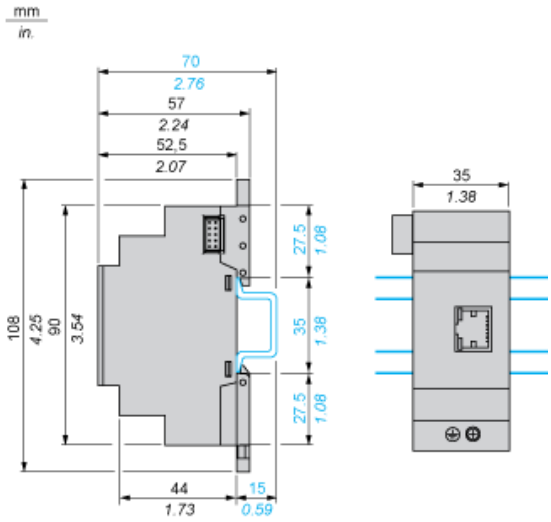
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Environment

Product certifications	CSA C-Tick GL GOST UL
Standards	EN/IEC 60068-2-27 Ea EN/IEC 60068-2-6 Fc EN/IEC 61000-4-2 level 3 EN/IEC 61000-4-3 EN/IEC 61000-4-4 level 3 EN/IEC 61000-4-5
IP degree of protection	IP40 (front panel) conforming to IEC 60529 IP20 (terminal block) conforming to IEC 60529
Environmental characteristic	Low voltage directive conforming to EN/IEC 61131-2 EMC directive conforming to EN/IEC 61131-2 zone B EMC directive conforming to EN/IEC 61000-6-4 EMC directive conforming to EN/IEC 61000-6-3 EMC directive conforming to EN/IEC 61000-6-2
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...55 °C conforming to IEC 60068-2-1 and IEC 60068-2-2 -20...40 °C conforming to IEC 60068-2-1 and IEC 60068-2-2
Ambient air temperature for storage	-40...70 °C
Operating altitude	2000 m
Altitude transport	<= 3048 m
Relative humidity	95 % without condensation or dripping water

Communication Modules

Rail Mounting



Screw Mounting (Retractable Lugs)

