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 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	1 LED for communication 1 LED for power ON
Product weight	0.11 kg

Environment

Product certifications	GOST CSA GL C-Tick UL

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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	104.000 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	5.470 kg

Contractual warranty

Warranty	18 months

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing "Use Better, Use Longer, Use Again" campaign to extend product lifetimes and recyclability.

Environmental Data explained ›

How we assess product sustainability ›

Environmental footprint

Total lifecycle Carbon footprint	**55**
Environmental Disclosure	**Product Environmental Profile**

Use Better

Materials and Substances

Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**Yes**
EU RoHS Directive	**Pro-active compliance (Product out of EU RoHS legal scope)**
SCIP Number	**Ab7a5df6-4d23-4fb1-96de-7c15d64130aa**
REACh Regulation	**REACh Declaration**
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**
PVC free	**Yes**

Use Again

Repack and remanufacture

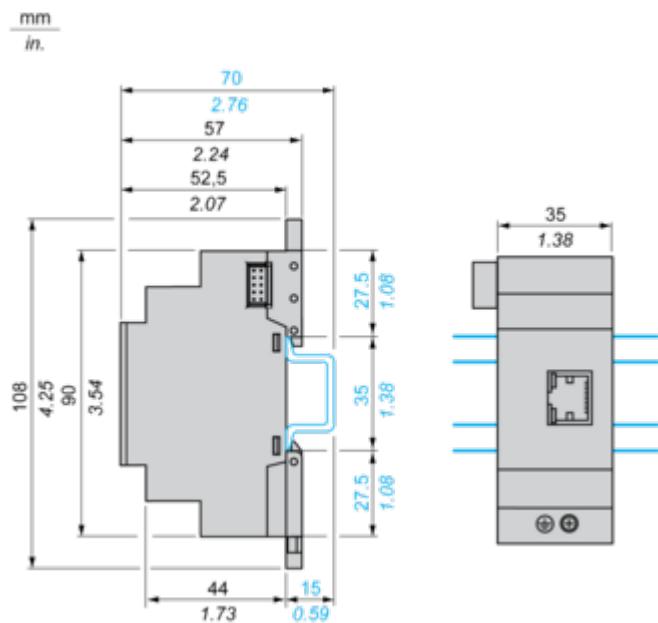|	
End of life manual availability	**End of Life Information**
Take-back	**No**
WEEE Label	**The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins**

Dimensions Drawings

Communication Modules
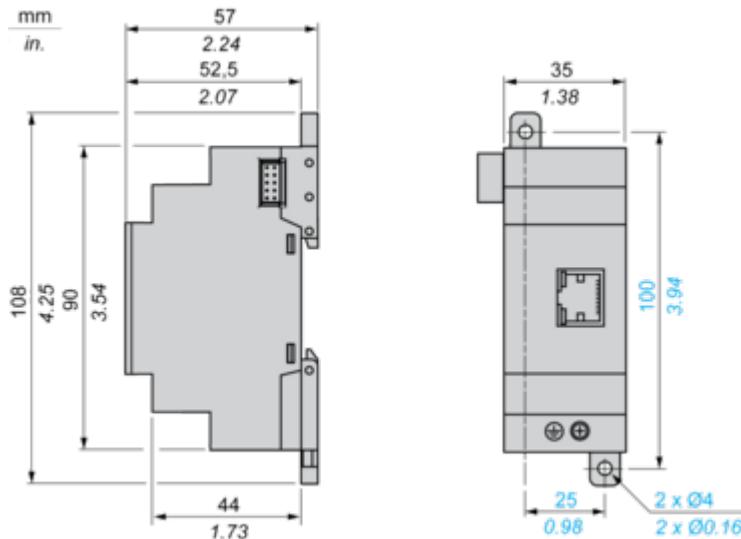
Rail Mounting

Screw Mounting (Retractable Lugs)

Image of product / Alternate images

Alternative

Aug 30, 2025