Product data sheet

Specifications



communication module, Zelio Logic SR2 SR3, modbus slave, 24V DC, smart relay

SR3MBU01BD

Product availability: Non-Stock - Not 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 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	4.4 lbf.in (0.5 N.m)
Local signalling	1 LED for communication 1 LED for power ON
Product Weight	0.24 lb(US) (0.11 kg)

Environment

Product Certifications	GOST CSA GL C-tick UL

Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

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 IEC 60529 terminal block) IP40 IEC 60529 front panel)
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 EN 55022-11 group 1
Pollution degree	2 IEC 61131-2
Ambient air temperature for operation	-4…104 °F (-20…40 °C) IEC 60068-2-1 and IEC 60068-2-2 -4…131 °F (-20…55 °C) IEC 60068-2-1 and IEC 60068-2-2
Ambient Air Temperature for Storage	-40…158 °F (-40…70 °C)
Operating altitude	6561.68 ft (2000 m)
Maximum altitude transport	10000 ft (3048 m)
Relative Humidity	95 % without condensation or dripping water

Ordering and shipping details

Category	US1000I22378
Discount Schedule	000I
GTIN	3389110840339
Returnability	No
Country of origin	FR

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	2.362 in (6.000 cm)
Package 1 Width	2.559 in (6.500 cm)
Package 1 Length	4.331 in (11.000 cm)
Package weight(Lbs)	3.598 oz (102.000 g)
Unit Type of Package 2	S03
Number of Units in Package 2	48
Package 2 Height	11.811 in (30.000 cm)
Package 2 Width	11.811 in (30.000 cm)
Package 2 Length	15.748 in (40.000 cm)
Package 2 Weight	12.059 lb(US) (5.470 kg)

Contractual warranty

Warranty (in months)	18

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 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**12 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**0 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**43 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**0.1 kg CO2 eq.**
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances

Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**Yes**
SCIP Number	**Ab7a5df6-4d23-4fb1-96de-7c15d64130aa**
EU RoHS Directive	Compliant By Exemption
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
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 Longer

Lifetime extension

Repair	**No**

Use Again

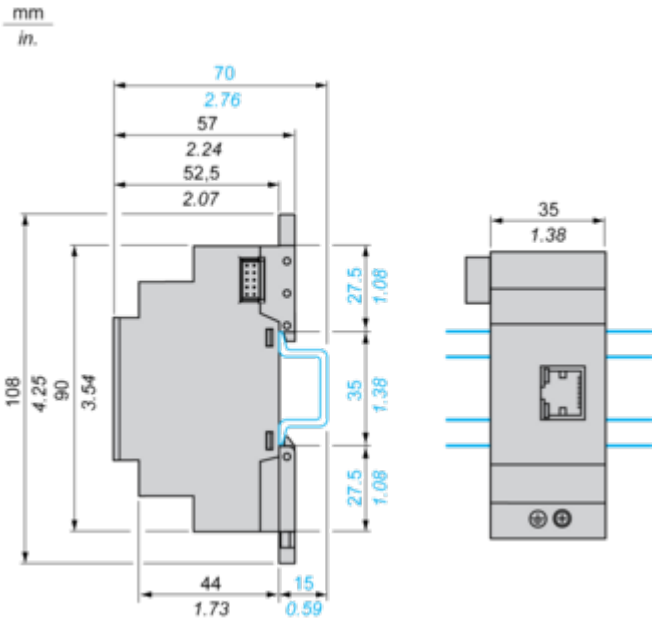
Repack and remanufacture

Circularity Profile	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.**

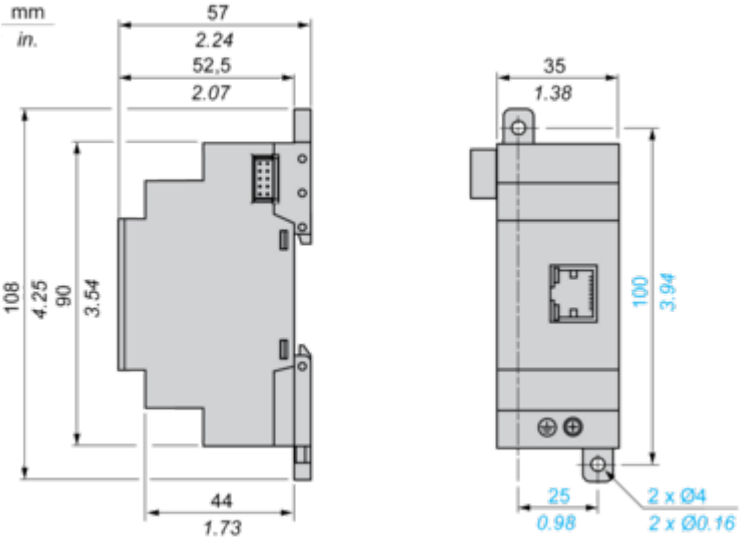
Dimensions Drawings

Communication Modules

Rail Mounting



Screw Mounting (Retractable Lugs)



Technical Illustration

Dimensions

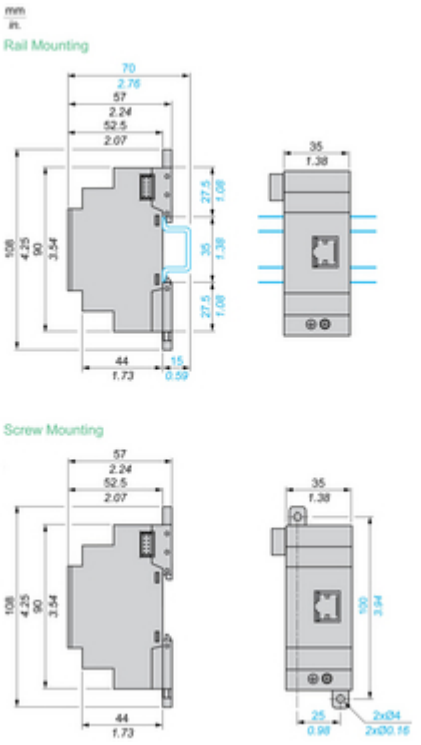


Image of product / Alternate images

Alternative






Schneider Electric
Zelio
SR3 MBU01BD


SR3 MBU01BD
COM
PWR
MB485-V1