

# Product datasheet

Specifications



## modem interface - GSM - for communication interface SR2COM01

SR2MOD02

⚠ To be discontinued on: 31 December 2023

⚠ To be end-of-service on: 01 June 2026

⚠ To be discontinued

### Main

Range of product	Zelio Logic
Product or component type	GSM modem
Type of modem	Type quad band 900/1800 MHz, 850/1900 MHz
Data backed up	Flash memory

### Complementary

Kit composition	GSM modem Fixing on DIN rail (assembled with the GSM modem) 1 supply cable 1 antenna with cable 2 lugs for plate mounting
Function available	Send alarm/receive instruction Send alarm to e-mail address Transfer program Update firmware monitoring
Number of messages	28
Electrical data recording	Telephone/e-mail Discrete and digital value Date and time
[Us] rated supply voltage	12...24 V DC
Supply voltage limits	5.5...32 V
Maximum supply current	165 mA at 12 V 87 A at 24 V 2100 mA at 5.5 V
Power dissipation in W	2.1 W
Associated fuse rating	2.5 A
Electrical connection	1 cable Com-M Com-M specific to Zelio RS232 serial, specific Zelio communication protocol for link with the modem, AT commands 1 antenna with cable 1 cable 1 cable Com-Z Com-Z specific to Zelio, specific Zelio communication protocol for Zelio Logic smart relays SR.B..... and SR2 E..... Version (>= V3.1) Supply cable
Cable length	1.5 m supply cable 2.5 m antenna with cable
Insulation	1780 V optocoupler, connector type: Com-Z specific to Zelio By the cable SR2 CBL07, connector type: Com-M specific to Zelio
Connections - terminals	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 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
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Tightening torque	0.5 N.m
Net weight	0.335 kg

## Environment

Product certifications	UL PTCRB GOST CSA IC FCC part 15 standard C-Tick
Standards	EN/IEC 60068-2-6 Fc EN/IEC 60068-2-32
Electromagnetic compatibility	Conducted and radiated emissions class B group 1 conforming to EN 55022-11
IP degree of protection	IP31 conforming to IEC 60529
Environmental characteristic	Low voltage directive conforming to EN/IEC 60950-1 R and TTE directive conforming to ETSI EN 301419-1 R and TTE directive conforming to ETSI EN 301 489-7 R and TTE directive conforming to ETSI EN 301 511 EMC directive conforming to ETSI EN 301 489-1
Pollution degree	2 conforming to EN/IEC 61131-2
Ambient air temperature for operation	-20...55 °C conforming to IEC 60068-2-2 -20...55 °C conforming to IEC 60068-2-2
Ambient air temperature for storage	-40...70 °C
Operating altitude	2000 m
Maximum altitude transport	3048 m
Relative humidity	0...95 % at 55 °C without condensation 0...95 % without condensation, during storage

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	7.5 cm
Package 1 Width	7.5 cm
Package 1 Length	14.7 cm
Package 1 Weight	318.0 g
Unit Type of Package 2	S03
Number of Units in Package 2	20
Package 2 Height	30.0 cm
Package 2 Width	30.0 cm
Package 2 Length	40.0 cm
Package 2 Weight	6.895 kg

## Offer Sustainability

REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
China RoHS Regulation	<a href="#">China RoHS declaration</a>

RoHS exemption information	Yes
PVC free	Yes
Contractual warranty	
Warranty	18 months

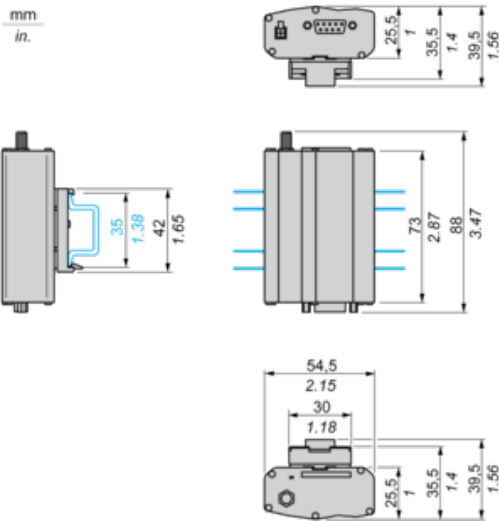
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## Dimensions Drawings

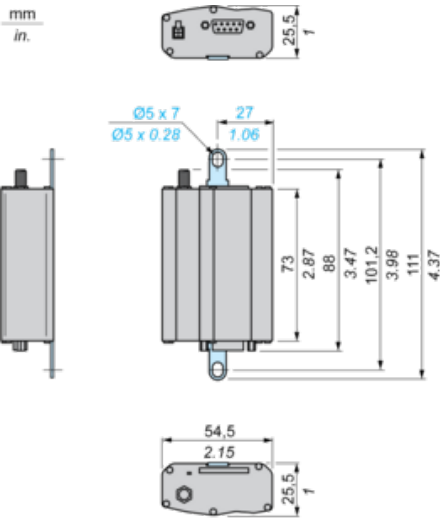
# SR2MOD02

## GSM Modem

## Rail Mounting



## Screw Fixing



### Recommended replacement(s)