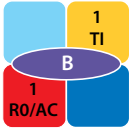
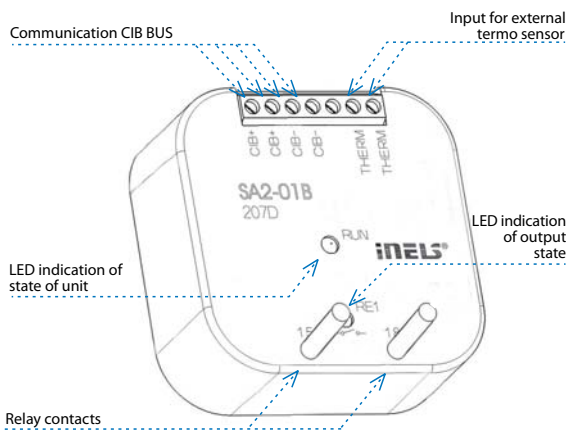


# Switching actuator 1 fold SA2-01B

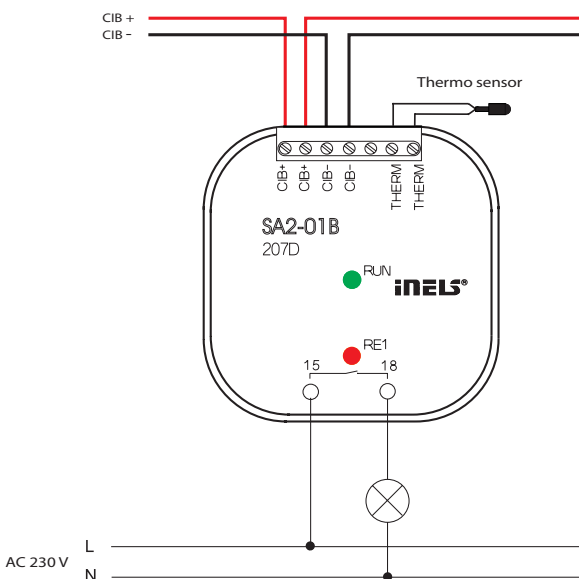


- One channel switching unit SA2-01B is designated for switching appliances connected to the system.
- SA2-01B contains 1 relay with potential-free NO contact with maximum load 16A/4000 VA/AC1.
- Output contact is individually controlled and addressable.
- LED diode on front panel signalizes state of output contact.
- SA2-01B in MINI design is designated for mounting into a wiring box.
- Unit is produced in two versions that differ by material used in relay contacts - AgSn and AgNi.
- For more information on relay contacts see loadability chart on pg. 32.

## Device description



## Connection



## Technical parameters:

### Inputs

Temperature measuring:	Yes, input for external thermo sensor see accessories pg. 53
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### Outputs

Output:	1 x NO contact 16 A/AC1 see chart pg. 32
Switching voltage:	250 V AC1, 24 V DC
Switched load:	4000 VA/AC1, 384 W/DC
Surge current:	30 A/<3s
Insulation voltage between outputs and in-built circuits:	SELV according to EN 60950
Minimal switching current:	100 mA
Switching frequency/no load:	1200 min <sup>-1</sup>
Switching frequency/rated load:	6 min <sup>-1</sup>
Mechanical lifetime:	3 x 10 <sup>7</sup>
Electrical lifetime for AC1:	0,7 x 10 <sup>5</sup>
Indication of output:	red LED

### Communication

Data BUS:	CIB BUS
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### Power supply

Supply voltage/rated current:	27 V DC/40 mA, from CIB BUS
Indication of state of unit:	green LED

### Connection

Connection:	terminal block
Max. wire size:	0,5 mm <sup>2</sup> - 1 mm <sup>2</sup>
Power outputs:	2x conductor CY, profile 2,5 mm <sup>2</sup>

### Operating environment

Operating temperature:	-20 .. +55 °C
Storage temperature:	-30 .. +70 °C
Protection degree:	IP 30
Overvoltage category:	III.
Pollution degree:	2
Operating position:	any
Installation:	into wiring box

### Size and weight

Size:	49 x 49 x 21 mm
Weight:	43 g