



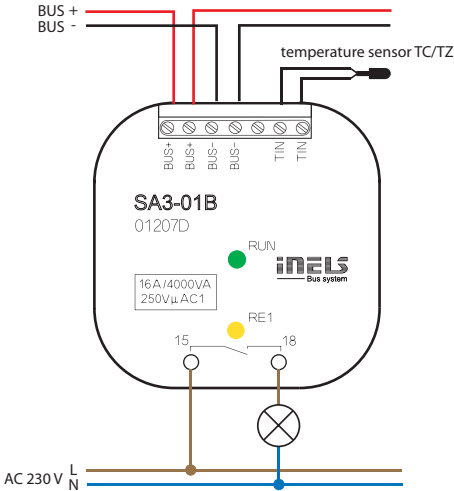
EAN code  
SA3-01B: 8595188132350  
SA3-02B: 8595188132367

Technical parameters		SA3-01B	SA3-02B
Inputs			
Temperature measuring:	Yes, input for external thermo sensor TC, TZ		
Scope and accuracy of tem. meas.:	-20 .. +120°C; 0.5°C from the range		
Outputs			
Output:	1x NO 16 A/AC1	2x NC 8 A/AC1	
Switching voltage:	250 V AC, 24 V DC		
Switched load:	4000 VA/AC1, 384 W/DC	2000 VA/AC1, 192 W/DC	
Surge current:	30 A; max. 4 s. when repeating 10%	10A	
Output relays separated from all internal circuits:	reinforced Insulation (Cat. II surges by EN 60664-1)		
Insulation voltage between relay outputs RE1-RE2:	x	basic Isolation (Cat. II surges by EN 60664-1)	
Minimal switching current:	100 mA / 5 V		
Switching frequency/no load:	1200 min <sup>-1</sup>	300 min <sup>-1</sup>	
Switching frequency/rated load:	6 min <sup>-1</sup>	15 min <sup>-1</sup>	
Mechanical lifetime:	3x 10 <sup>7</sup>	1x 10 <sup>7</sup>	
Electrical lifetime for AC1:	0.7x 10 <sup>5</sup>	1x 10 <sup>5</sup>	
Output indication:	yellow LED	2x yellow LED	
Communication			
Installation BUS:	BUS		
Power supply			
Supply voltage / tolerance:	27 V DC, -20 / +10 %		
Dissipated power:	max. 4 W		
Rated current:	30 mA (at 27V DC)	50 mA (at 27V DC)	
Status indication unit:	green LED RUN		
Connection			
Data terminals:	terminal, 0.5 - 1 mm <sup>2</sup>		
Power outputs:	2x conduct. CY, Ø 2.5 mm <sup>2</sup>	6x conduct.CY, Ø 0.75 mm <sup>2</sup>	
Operating conditions			
Operating temperature:	-20 .. +55 °C		
Storage temperature:	-30 .. +70 °C		
Protection degree:	IP30		
Overvoltage category:	II.		
Pollution degree:	2		
Operating position:	any		
Installation:	into installation box		
Dimensions and weight			
Dimensions:	49 x 49 x 21 mm		
Weight:	50 g	50 g	

- Actuators are designed for switching of one (SA3-01B), respectively two (SA3-02B) of various appliances and loads relay output (potentialless contact).
- SA3-01B contains 1 relay with switching potentialless contact with max. load 16 A/4000 VA/AC1.
- SA3-02B contains 2 relays with switching potentialless contacts with max. load 8 A/2000 VA/AC1.
- Output contacts are separately controllable and addressable.
- Both relay actuator SA3-02B are individually decorated input terminals, and therefore can switch various independent potentials.
- Thanks to changeover contacts, the SA3-02B actuator can used to control a 230 V drive (such as blinds, shutters or awnings), whereas by proper bridging of contacts, it is possible to secure locking hardware options while switching on phase two outputs.
- Actuators are equipped with a temperature input for connecting an external two-wire temperature sensor TC / TZ (see accessories).
- LED on front panel signalizes state of each output.
- SA3 is normally supplied in the option AgSnO<sub>2</sub> contact material.
- SA3-01B, SA3-02B are designed for mounting into the installation box.

Connection

SA3-01B



SA3-02B

