



EAN code
SA3-02M: 8595188132374

Technical parameters		SA3-02M
Outputs		
Output:	2x changeover 16 A/AC1	
Switching voltage:	250 V AC1, 24 V DC	
Switching load:	4000 VA/AC1, 384 W/DC	
Surge current:	30 A; max. 4 s. at duty cycle 10%	
Output relays separated from all internal circuits:	reinforced Insulation (Cat. II surges by EN 60664-1)	
Isolation between relay outputs RE1 and RE2:	reinforced Insulation (Cat. II surges by EN 60664-1)	
Isolates. voltage open relay contact:	1 kV	
Minimal switching current:	100 mA	
Switching frequency/no load:	1200 min ⁻¹	
Switching frequency/rated load:	6 min ⁻¹	
Mechanical lifetime:	3x 10 ⁷	
Electrical lifetime AC1:	0.7x 10 ⁵	
Outputs indication:	2x yellow LED	
Communication		
Installation BUS:	BUS	
Power supply		
Supply voltage / tolerance:	27 V DC, -20 / +10 %	
Rated current:	50 mA (at 27V DC), from BUS	
Status indication unit:	green LED RUN	
Connection		
Terminal:	max. 2.5 mm ² /1.5 mm ² with sleeve	
Operating conditions		
Air humidity:	max. 80 %	
Operating temperature:	-20 to +55 °C	
Storing temperature:	-30 to +70 °C	
Protection degree:	IP20 device, IP40 mounting in the switchboard	
Overvoltage category:	II.	
Pollution degree:	2	
Operation position:	any	
Installation:	switchboard on DIN rail EN 60715	
Design:	1-MODULE	
Dimensions and weight		
Dimensions:	90 x 17.6 x 64 mm	
Weight:	82 g	

- Actuator SA3-02M is designed for switching two various appliance and loads with potentialless contact.
- SA3-02M is a switching actuator containing 2 independent relays with changeover potentialless contacts.
- Maximum load per contact is 16 A/4000 VA/AC1.
- Each of the two output contacts are individually controllable and addressable.
- Both relays are individually decorated input terminals, and therefore can switch various independent potentials.
- The actuator is designed for switching up to two various appliances and loads relay output (potentialless contact).
- Thanks to changeover contacts, it can be used to control one 230 V power (such as blinds, shutters or awnings) with appropriate bridging, the contacts can secure hardware blocking the possibility of simultaneous switching of the phase on both outputs, see example of connection.
- LEDs on the front panel signal the status of each output.
- Contact status of each relay can be changed separately and manually by control buttons on the front panel.
- Switching actuators SA3 are normally supplied in the option AgSnO₂ contact material.
- SA3-02M in 1-MODULE version is designed for mounting into a switchboard, on DIN rail EN60715.

Connection

