



EAN code
SA3-06M: 8595188132879

Technical parameters		SA3-06M
Outputs		
Output:	6x changeover 8 A/AC1	
Switching voltage:	250 V AC1, 24 V DC	
Switching output:	2000 VA/AC1, 192 W/DC	
Surge current:	10 A	
Output relays separated from all internal circuits:	reinforced insulation (Cat. II surges by EN 60664-1)	
Isolation between relay outputs COM1 and COM2:	reinforced insulation (Cat. II surges by EN 60664-1)	
Isolation between individual relay outputs:	basic insulated. (Cat. II surges by EN 60664-1)	
Isolates. voltage open relay contact:	1 kV	
Max. current terminals COM1 and COM2:	16 A	
Min. switched current:	100 mA/ 5V DC	
Switching frequency /no load:	300 min ⁻¹	
Switching frequency/rated load:	15 min ⁻¹	
Mechanical life:	2x 10 ⁷	
Electrical life AC1:	5x 10 ⁴	
Output indication:	6x yellow LED	
Communication		
Installation BUS:	BUS	
Power supply		
Supply voltage / tolerance:	27V DC, -20 / +10 %	
Rated current:	60 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 .. +55 °C	
Storing temperature:	-30 .. +70 °C	
Protection degree:	IP20 device, IP40 mounting in the switchboard	
Overtoltage category:	II.	
Pollution degree:	2	
Operation position:	any	
Installation:	switchboard on DIN rail EN 60715	
Design:	3-MODULE	
Dimensions and weight		
Dimensions:	90 x 52 x 65 mm	
Weight:	157 g	

- The actuator is designed for switching up to six various appliances and loads with potentialless contact.
- SA3-06M is a switching actuator contains 6 independent relays with changeover potentialless contacts.
- Maximum load per contact is 8 A/2000 VA/AC1.
- Each of six output contacts are individually controllable and addressable.
- The relays are divided into two groups, the group of four relays on the bottom terminal switches the common potential, a pair of relays on top of the terminal switches second common potential.
- The actuator is suitable for operating discontinuously controlled thermo drives in the distributor underfloor heating.
- 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 a front panel.
- SA3-06M is normally supplied in the option AgSnO₂ contact material.
- SA3-06M in 3-MODULE version is designed for mounting into a switchboard/DIN rail EN60715.

Connection

