

EAN code
SA3-06M: 8595188132879

- 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 $AgSnO_2$ contact material.
- SA3-06M in 3-MODULE version is designed for mounting into a switchboard/DIN rail EN60715.

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
Overvoltage 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

Connection



