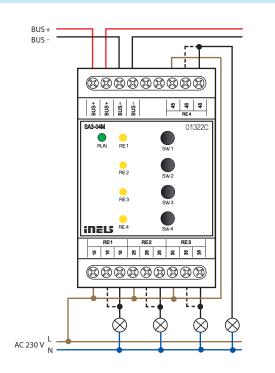


EAN code SA3-04M: 8595188132381

Technical parameters	SA3-04M
Outputs	
Output:	4x changeover 16 A/AC1
Switching voltage:	250 V AC, 24 V DC
Switching output:	4000 VA/AC1, 384 W/DC
Surge current:	30 A; max. 4 s. at 10% duty cycle
Output relays separated from	reinforced insulation
all internal circuits:	(Cat. II surges by EN 60664-1)
Isolation between relay	reinforced insulation
outputs RE1-3 and RE4:	(Cat. II surges by EN 60664-1)
Isolation between relay	basic insulated
outputs RE1-3:	(Cat. II surges by EN 60664-1)
lsolates. voltage open	
relay contact:	1 kV
Min. switched current:	100 mA
Switching frequency/no load:	1200 min ⁻¹
Switching frequency/rated load:	6 min ⁻¹
Mechanical life:	3x 10 ⁷
Electrical life AC1:	0.7x 10⁵
Output indication:	4x yellow LED
Communication	
Installation BUS:	BUS
Power supply	
Supply voltage/tolerance:	27 V DC, -20/+10 %
Dissipated power:	max. 4 W
Rated current:	70 mA (at 27 V 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 ℃
Storing temperature:	-30 to +70 °C
Protection degree:	IP20 device, IP40 mounting in the switchboard
Overvoltage category:	П.
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:	164 g

- SA3-04M is a switching actuator containing 4 independent relays with changeover potential-free contacts.
- Maximum load per contact is 16 A/4000 VA/AC1.
- Each of the 4 outputs contacts are individually controllable and addressable.
- All four relays are individually decorated input terminals, and therefore can switch various independent potentials.
- The actuator is designed for switching 4 various appliances or loads by relay outputs (potential free contacts).
- Thanks to changeover contacts, it can be used to control up to two drives 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 a front panel.
- Switching actuators SA3 is normally supplied in the option ${\rm AgSnO}_{\rm _2}$ contact material.
- SA3-04M in 3-MODULE version is designed for mounting into a switchboard, on DIN rail EN60715.

Connection





Switching actuators

32