

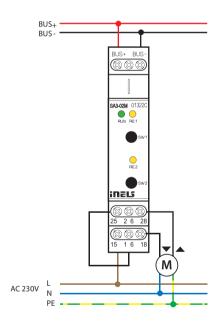
EAN code SA3-02M: 8595188132374

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OutputsOutputs2x changeover 16 A/AC1Switching voltage:250 V AC1, 24 V DCSwitching load:4000 VA/AC1, 384 W/DCSurge current:30 A; max. 4 s. at duty cycle 10%Output relays separated fromreinforced Insulationall internal circuits:(Cat. II surges by EN 60664-1)Isolation between relayreinforced Insulationoutputs RE1 and RE2:(Cat. II surges by EN 60664-1)Isolates. voltage open(Cat. II surges by EN 60664-1)Isolates. voltage open(Cat. II surges by EN 60664-1)Switching frequency/no load:1200 min ⁻¹ Switching frequency/no load:1200 min ⁻¹ Switching frequency/nated load:6 min ⁻¹ Mechanical lifetime:3x 10 ⁷ Electrical lifetime AC1:0.7x 10 ³ Outputs indication:2x yellow LEDCommunication27 V DC, -20 / +10 %Dissipated power:max. 4 WRated current:50 mA (at 27V DC), from BUSStatus indication unit:green LED RUNConnection-20 to +55 °CAir humidity:max. 80 %Operating temperature:-20 to +55 °CStoring temperature:-20 to +55 °CStoring temperature:2POter condige category:II.Polution degree:2Operation position:anyInstallation:switchboard OIN rail EN 60715Design:-1.MODULEDimensions:90 x 17.6 x 64 mmWeight:82 g	Technical parameter	rs SA3-02M
Switching voltage:250 V AC1, 24 V DCSwitching load:4000 VA/AC1, 384 W/DCSurge current:30 A; max. 4 s. at duty cycle 10%Output relays separated from all internal circuits:(Cat. II surges by EN 60664-1)Isolation between relay outputs RE1 and RE2:(Cat. II surges by EN 60664-1)Isolates. voltage open relay contact:(Cat. II surges by EN 60664-1)Isolates. voltage open relay contact:1 kVMinimal switching current:100 mASwitching frequency/no load:1200 min.1Switching frequency/natel load:6 min.1Mechanical lifetime:3x 107Electrical lifetime:0.7x 105Outputs indication:2x yellow LED Communication Installation BUS:BUS Power supply Supply voltage / tolerance:27 V DC, -20 / +10 %Dissipated power:max. 4 WRated current:50 mA (at 27V DC), from BUSStatus indication unit:green LED RUN Connection Terminal:Mark 2.5 mm²/1.5 mm² with sleeve Operating conditions Air humidity:max.80 %Operating temperature:-30 to +70 °CProtection degree:1P20 device, IP40 mounting in the switchboardOperating temperature:20 to +55 °CStoring temperature:-30 to +70 °CProtection degree:1INPollution degree:20Operating temperature:any <trr>Installation:<th>Outputs</th><th></th></trr>	Outputs	
Switching load:4000 VA/AC1, 384 W/DCSurge current:30 A; max. 4 s. at duty cycle 10%Output relays separated from all internal circuits:(Cat. II surges by EN 60664-1)Isolation between relay outputs RE1 and RE2:(Cat. II surges by EN 60664-1)Isolates. voltage open relay contact:1 kVMinimal switching current:100 mASwitching frequency/no load:1200 min ⁻¹ Switching frequency/no load:6 min ⁻¹ Switching frequency/rated load:6 min ⁻¹ Mechanical lifetime:3x 107Electrical lifetime:2x yellow LEDCommunication:2x yellow LEDInstallation BUS:BUSPower supplySupply voltage / tolerance:Status indication unit:green LED RUNDissipated power:max. 4 WRated current:50 mA (at 27V DC, -20 / +10 %)Dissipated power:max. 4 WRated current:50 mA (at 27V DC, -20 / end W)Comentiongreen LED RUNComentiongreen LED RUNComentiongreen LED RUNComention-20 to +55 °CStatus indication unit:green LED RUNOperating temperature:-30 to +70 °CProtection degree:IIP20 device, IP40 mounting in the switchboardOperating temperature:-30 to +75 °CStoring temperature:2Operation position:anyInstallationswitchboard on DIN rail EN 60715Design:-1.MODULEDimensions and weight90 x17.6 x 64 mm	Output:	2x changeover 16 A/AC1
Surge current:30 A; max. 4 s. at duty cycle 10%Output relays separated from all internal circuits:(Cat. II surges by EN 60664-1)Isolation between relay outputs RE1 and RE2:(Cat. II surges by EN 60664-1)Isolates. voltage open relay contact:1 kVMinimal switching current:100 mASwitching frequency/no load:1 200 min ⁻¹ Switching frequency/no load:6 min ⁻¹ Mechanical lifetime:3x 107Electrical lifetime AC1:0.7x 105Outputs indication:2x yellow LEDDemunicationDeve supplySupsited power:max. 4 WRated current:50 mA (at 27V DC, -20/+10%)Dissipated power:max. 2.5 mm ² /1.5 mm ² with sleeveDeve supplyOutputs indication unit:green LED RUNConnectionmax. 2.5 mm ² /1.5 mm ² with sleeveDissipated power:-20 to +55 °CStoring temperature:-20 to +55 °C<	Switching voltage:	250 V AC1, 24 V DC
Output relays separated from all internal circuits:reinforced Insulation (Cat. II surges by EN 60664-1)Isolation between relay outputs RE1 and RE2:(Cat. II surges by EN 60664-1)Isolates. voltage open relay contact:1 kVMinimal switching current:100 mASwitching frequency/no load:1200 min ⁻¹ Switching frequency/natel load:6 min ⁻¹ Mechanical lifetime:3x 107Electrical lifetime AC1:0.7x 105Outputs indication:2x yellow LEDCommunicationBUSPower supplyBUSStatus indication unit:green LED RUNStatus indication unit:green LED RUNStatus indication unit:green LED RUNConnectionTorFerminal:max. 2.5 mm ² /1.5 mm ² with sleeveOperating conditions-20 to +55 °CStoring temperature:-20 to +55 °CStoring temperature:-20 to +55 °CStoring temperature:-20 to +55 °CProtection degree:IIP20 device, IP40 mounting in the switchboardOvervoltage category:II.Pollution degree:2Operation position:anyInstallation:switchboard on DIN rail EN 60715Design:1-MODULEDimensions and weight-20 to +176 x 64 mm	Switching load:	4000 VA/AC1, 384 W/DC
all internal circuits:(Cat. II surges by EN 60664-1)Isolation between relayreinforced Insulationoutputs RE1 and RE2:(Cat. II surges by EN 60664-1)Isolates. voltage open1 kVrelay contact:1 kVMinimal switching current:100 mASwitching frequency/no load:1200 min ⁻¹ Switching frequency/rated load:6 min ⁻¹ Mechanical lifetime:3x 107Electrical lifetime AC1:0.7x 105Outputs indication:2x yellow LEDBurstBurstBurstSwitching frequency/rated load:formunication:2x yellow LEDCommunicationDissipated power:max. 4 WRated current:So mA (at 27V DC, -20 / +10 %Dissipated power:max. 2.5 mm²/1.5 mm² with sleeveOperating conditionsTerminal:max. 2.5 mm²/1.5 mm² with sleeveOperating conditionsAir humidity:max. 80 %Operating temperature:-20 to +55 °CStoring temperature:-30 to +70 °CProtection degree:1Operation position:anyInstallation:switchboard on DIN rail EN 60715Design:1-MODULEDimensions and weight90 x 17.6 x 64 mm	Surge current:	30 A; max. 4 s. at duty cycle 10%
Isolation between relayreinforced Insulationoutputs RE1 and RE2:(Cat. II surges by EN 60664-1)Isolates. voltage open1 kVrelay contact:1 kVMinimal switching current:100 mASwitching frequency/no load:1200 min ⁻¹ Switching frequency/rated load:6 min ⁻¹ Mechanical lifetime:3x 107Electrical lifetime AC1:0.7x 105Outputs indication:2x yellow LEDCommunicationBUSPower supplyBUSSupply voltage / tolerance:27 V DC, -20 / +10 %Dissipated power:max. 4 WRated current:50 mA (at 27V DC), from BUSStatus indication unit:green LED RUNConnection	Output relays separated from	reinforced Insulation
outputs RE1 and RE2:(Cat. II surges by EN 60664-1)Isolates. voltage openIrelay contact:1 kVMinimal switching current:100 mASwitching frequency/no load:1200 min ⁻¹ Switching frequency/rated load:6 min ⁻¹ Mechanical lifetime:3x 107Electrical lifetime AC1:0.7x 10 ⁵ Outputs indication:2x yellow LEDCommunicationPower supplySupply voltage / tolerance:27 V DC, -20 / +10 %Dissipated power:8USBUSPower supplyStatus indication unit:90 max. 4 WRated current:50 mA (at 27V DC), from BUSStatus indication unit:max. 2.5 mm²/1.5 mm² with sleeveOperating conditionsAir humidity:1Pirenting temperature:-20 to +55 °CStoring temperature:-30 to +70 °CProtection degree:1Piollution degree:2Querating position:anyInstallation:switchboard on DIN rail EN 60715Design:1-MODULEDimensions:90 x 17.6 x 64 mm	all internal circuits:	(Cat. II surges by EN 60664-1)
Isolates. voltage open relay contact:I kVMinimal switching current:100 mASwitching frequency/no load:1200 min-1Switching frequency/rated load:6 min-1Mechanical lifetime:3x 107Electrical lifetime AC1:0.7x 105Outputs indication:2x yellow LEDOutputs indication:8USPower supply8USSupply voltage / tolerance:27 V DC, -20 / +10 %Dissipated power:max. 4 WRated current:50 mA (at 27V DC), from BUSStatus indication unit:green LED RUNComectionTomax. 2.5 mm²/1.5 mm² with sleeveOperating conditions-20 to +55 °CAir humidity:max. 80 %Operating temperature:-30 to +70 °CProtection degree:1Plollution degree:2Qieration position:anyInstallation:switchboard on DIN rail EN 60715Design:1-MODULEDimensions:90 x 17.6 x 64 mm	Isolation between relay	reinforced Insulation
relay contact:1 kVMinimal switching current:100 mASwitching frequency/no load:1200 min ⁻¹ Switching frequency/rated load:6 min ⁻¹ Mechanical lifetime:3x 107Electrical lifetime AC1:0.7x 105Outputs indication:2x yellow LEDCommunicationInstallation BUS:BUSPower supplySupply voltage / tolerance:27 V DC, -20 / +10 %Dissipated power:max. 4 WRated current:50 mA (at 27V DC), from BUSStatus indication unit:green LED RUNConnectionTerminal:max. 2.5 mm ² /1.5 mm ² with sleeveOperating conditionsAir humidity:max. 80 %Operating temperature:-20 to +55 °CStoring temperature:1P20 device, IP40 mounting in the switchboardOvervoltage category:II.Pollution degree:2Operation position:anyInstallation:switchboard on DIN rail EN 60715Design:1-MODULEDimensions:90 x 17.6 x 64 mm	outputs RE1 and RE2:	(Cat. II surges by EN 60664-1)
Minimal switching current:100 mASwitching frequency/no load:1200 min ⁻¹ Switching frequency/rated load:6 min ⁻¹ Mechanical lifetime:3x 107Electrical lifetime AC1:0.7x 105Outputs indication:2x yellow LEDCommunicationInstallation BUS:BUSPower supplySupply voltage / tolerance:27 V DC, -20 / +10 %Dissipated power:max. 4 WRated current:50 mA (at 27V DC), from BUSStatus indication unit:green LED RUNConnectionTerminal:max. 2.5 mm²/1.5 mm² with sleeveOperating conditions-20 to +55 °CAir humidity:max. 80 %Operating temperature:-30 to +70 °CProtection degree:IP20 device, IP40 mounting in the switchboardOvervoltage category:II.Pollution degree:2Operation position:anyInstallation:switchboard on DIN rail EN 60715Design:1-MODULEDimensions:90 x 17.6 x 64 mm	lsolates. voltage open	
Switching frequency/no load:1200 min ⁻¹ Switching frequency/rated load:6 min ⁻¹ Mechanical lifetime:3x 107Electrical lifetime AC1:0.7x 105Outputs indication:2x yellow LEDCommunicationBUSPower supplySupply voltage / tolerance:27 V DC, -20 / +10 %Dissipated power:max. 4 WRated current:50 mA (at 27V DC), from BUSStatus indication unit:green LED RUNConnectionTerminal:max. 2.5 mm²/1.5 mm² with sleeveOperating conditionsAir humidity:max. 80 %Operating temperature:-20 to +55 °CStoring temperature:-30 to +70 °CProtection degree:IIP20 device, IP40 mounting in the switchboardOvervoltage category:II.Pollution degree:2Operation position:anyInstallation:switchboard on DIN rail EN 60715Design:1-MODULEDimensions and weight	relay contact:	1 kV
Switching frequency/rated load:6 min ⁻¹ Mechanical lifetime:3x 107Electrical lifetime AC1:0.7x 105Outputs indication:2x yellow LEDCommunication1Installation BUS:BUSPower supplyBUSSupply voltage / tolerance:27 V DC, -20 / +10 %Dissipated power:max. 4 WRated current:50 mA (at 27V DC), from BUSStatus indication unit:green LED RUNConnectionmax. 2.5 mm²/1.5 mm² with sleeveOperating conditions-20 to +55 °CAir humidity:max. 80 %Operating temperature:-20 to +55 °CStoring temperature:-30 to +70 °CProtection degree:IP20 device, IP40 mounting in the switchboardOvervoltage category:II.Pollution degree:2Operation position:anyInstallation:switchboard on DIN rail EN 60715Design:1-MODULEDimensions:90 x 17.6 x 64 mm	Minimal switching current:	100 mA
Mechanical lifetime: $3x 10^7$ Electrical lifetime AC1: $0.7x 10^5$ Outputs indication: $2x$ yellow LEDCommunication $2x$ yellow LEDInstallation BUS:BUSPower supplyBUSSupply voltage / tolerance: $27 V DC, -20 / +10 \%$ Dissipated power:max. 4 WRated current: $50 mA (at 27V DC), from BUS$ Status indication unit:green LED RUNConnectionmax. 2.5 mm²/1.5 mm² with sleeveOperating conditions-20 to $+55 °C$ Air humidity:max. 80 %Operating temperature: $-20 to +70 °C$ Protection degree:IP20 device, IP40 mounting in the switchboardOvervoltage category:II.Pollution degree:2Operation position:anyInstallation:switchboard on DIN rail EN 60715Design:1-MODULEDimensions: $90 \times 17.6 \times 64 mm$	Switching frequency/no load:	1200 min ⁻¹
Electrical lifetime AC1:0.7x 105Outputs indication:2x yellow LEDCommunicationBUSInstallation BUS:BUSPower supplyBUSSupply voltage / tolerance:27 V DC, -20 / +10 %Dissipated power:max. 4 WRated current:50 mA (at 27V DC), from BUSStatus indication unit:green LED RUNConnectionmax. 2.5 mm²/1.5 mm² with sleeveOperating conditionsmax. 80 %Operating temperature:-20 to +55 °CStoring temperature:-30 to +70 °CProtection degree:IIP20 device, IP40 mounting in the switchboardOvervoltage category:II.Pollution degree:2Operation position:anyInstallation:switchboard on DIN rail EN 60715Design:1-MODULEDimensions:90 x 17.6 x 64 mm	Switching frequency/rated load:	6 min ⁻¹
Outputs indication:2x yellow LEDCommunicationInstallation BUS:BUSPower supplyBUSPower supply27 V DC, -20 / +10 %Dissipated power:27 V DC, -20 / +10 %Dissipated power:27 V DC, -20 / +10 %Mated current:50 mA (at 27V DC), from BUSStatus indication unit:green LED RUNConnectionmax. 2.5 mm²/1.5 mm² with sleeveOperating conditionsmax. 2.5 mm²/1.5 mm² with sleeveOperating temperature:-20 to +55 °CStoring temperature:-20 to +55 °CStoring temperature:-30 to +70 °CProtection degree:IP20 device, IP40 mounting in the switchboardOvervoltage category:II.Pollution degree:2Operation position:anyInstallation:switchboard on DIN rail EN 60715Design:1-MODULEDimensions:90 x 17.6 x 64 mm	Mechanical lifetime:	3x 10 ⁷
CommunicationInstallation BUS:BUSPower supplyBUSSupply voltage / tolerance:27 V DC, -20 / +10 %Dissipated power:max. 4 WRated current:50 mA (at 27V DC), from BUSStatus indication unit:green LED RUNConnectionmax. 2.5 mm²/1.5 mm² with sleeveOperating conditionsmax. 80 %Air humidity:max. 80 %Operating temperature:-20 to +55 °CStoring temperature:-30 to +70 °CProtection degree:IP20 device, IP40 mounting in the switchboardOvervoltage category:II.Pollution degree:2Operation position:anyInstallation:switchboard on DIN rail EN 60715Design:1-MODULEDimensions:90 x 17.6 x 64 mm	Electrical lifetime AC1:	0.7x 10 ⁵
Installation BUS:BUSBUSPower supplySupply voltage / tolerance:27 V DC, -20 / +10 %Dissipated power:max. 4 WRated current:50 mA (at 27V DC), from BUSStatus indication unit:green LED RUNConnectionTerminal:max. 2.5 mm²/1.5 mm² with sleeveOperating conditionsmax. 80 %Operating temperature:-20 to +55 °CStoring temperature:-30 to +70 °CProtection degree:IP20 device, IP40 mounting in the switchboardOvervoltage category:II.Pollution degree:2Operation position:anyInstallation:switchboard on DIN rail EN 60715Design:1-MODULEDimensions and weight90 x 17.6 x 64 mm	Outputs indication:	2x yellow LED
Power supplySupply voltage / tolerance:27 V DC, -20 / +10 %Dissipated power:max. 4 WRated current:50 mA (at 27V DC), from BUSStatus indication unit:green LED RUNConnectionTerminal:max. 2.5 mm²/1.5 mm² with sleeveOperating conditions	Communication	
Supply voltage / tolerance:27 V DC, -20 / +10 %Dissipated power:max. 4 WRated current:50 mA (at 27V DC), from BUSStatus indication unit:green LED RUNConnectionTerminal:max. 2.5 mm²/1.5 mm² with sleeveOperating conditionsAir humidity:max. 80 %Operating temperature:-20 to +55 °CStoring temperature:-30 to +70 °CProtection degree:IP20 device, IP40 mounting in the switchboardOvervoltage category:II.Pollution degree:2Operation position:anyInstallation:switchboard on DIN rail EN 60715Design:1-MODULEDimensions:90 x 17.6 x 64 mm	Installation BUS:	BUS
Dissipated power:max. 4 WRated current:50 mA (at 27V DC), from BUSStatus indication unit:green LED RUNConnectionTerminal:max. 2.5 mm²/1.5 mm² with sleeveOperating conditionsAir humidity:max. 80 %Operating temperature:-20 to +55 °CStoring temperature:-30 to +70 °CProtection degree:IP20 device, IP40 mounting in the switchboardOvervoltage category:II.Pollution degree:2Operation position:anyInstallation:switchboard on DIN rail EN 60715Design:1-MODULEDimensions and weight90 x 17.6 x 64 mm	Power supply	
Rated current:50 mA (at 27V DC), from BUSStatus indication unit:green LED RUNConnectionTerminal:max. 2.5 mm²/1.5 mm² with sleeveOperating conditionsAir humidity:max. 80 %Operating temperature:-20 to +55 °CStoring temperature:-30 to +70 °CProtection degree:IP20 device, IP40 mounting in the switchboardOvervoltage category:II.Pollution degree:2Operation position:anyInstallation:switchboard on DIN rail EN 60715Design:1-MODULEDimensions and weight90 x 17.6 x 64 mm	Supply voltage / tolerance:	27 V DC, -20 / +10 %
Status indication unit:green LED RUNConnectionTerminal:max.2.5 mm²/1.5 mm² with sleeveOperating conditionsAir humidity:max.80%Operating temperature:-20 to +55 °CStoring temperature:-30 to +70 °CProtection degree:IP20 device, IP40 mounting in the switchboardOvervoltage category:II.Pollution degree:2Operation position:anyInstallation:switchboard on DIN rail EN 60715Design:1-MODULEDimensions and weight90 x 17.6 x 64 mm	Dissipated power:	max. 4 W
ConnectionTerminal:max. 2.5 mm²/1.5 mm² with sleeveOperating conditionsmax. 80 %Operating temperature:-20 to +55 °CStoring temperature:-20 to +55 °CStoring temperature:-30 to +70 °CProtection degree:IP20 device, IP40 mounting in the switchboardOvervoltage category:II.Pollution degree:2Operation position:anyInstallation:switchboard on DIN rail EN 60715Design:1-MODULEDimensions and weight90 x 17.6 x 64 mm	Rated current:	50 mA (at 27V DC), from BUS
Terminal:max. 2.5 mm²/1.5 mm² with sleeveOperating conditionsAir humidity:max. 80 %Operating temperature:-20 to +55 °CStoring temperature:-20 to +55 °CStoring temperature:-30 to +70 °CProtection degree:IP20 device, IP40 mounting in the switchboardOvervoltage category:II.Pollution degree:2Operation position:anyInstallation:Switchboard on DIN rail EN 60715Design:1-MODULEDimensions and weightDimensions:90 x 17.6 x 64 mm	Status indication unit:	green LED RUN
Operating conditionsAir humidity:max. 80 %Operating temperature:-20 to +55 °CStoring temperature:-30 to +70 °CProtection degree:IP20 device, IP40 mounting in the switchboardOvervoltage category:II.Pollution degree:2Operation position:anyInstallation:switchboard on DIN rail EN 60715Design:1-MODULEDimensions and weight90 x 17.6 x 64 mm	Connection	
Air humidity:max. 80 %Operating temperature:-20 to +55 °CStoring temperature:-30 to +70 °CProtection degree:IP20 device, IP40 mounting in the switchboardOvervoltage category:II.Pollution degree:2Operation position:anyInstallation:switchboard on DIN rail EN 60715Design:1-MODULEDimensions and weight90 x 17.6 x 64 mm	Terminal:	max. 2.5 mm ² /1.5 mm ² with sleeve
Operating temperature:-20 to +55 °CStoring temperature:-30 to +70 °CProtection degree:IP20 device, IP40 mounting in the switchboardOvervoltage category:II.Pollution degree:2Operation position:anyInstallation:Switchboard on DIN rail EN 60715Design:1-MODULEDimensions and weight90 x 17.6 x 64 mm	Operating conditions	
Storing temperature:-30 to +70 °CProtection degree:IP20 device, IP40 mounting in the switchboardOvervoltage category:II.Pollution degree:2Operation position:anyInstallation:Switchboard on DIN rail EN 60715Design:1-MODULEDimensions and weight90 x 17.6 x 64 mm	Air humidity:	max. 80 %
Protection degree:IP20 device, IP40 mounting in the switchboardOvervoltage category:II.Pollution degree:2Operation position:anyInstallation:switchboard on DIN rail EN 60715Design:1-MODULEDimensions and weightDimensions:90 x 17.6 x 64 mm	Operating temperature:	-20 to +55 °C
Overvoltage category: II. Pollution degree: 2 Operation position: any Installation: switchboard on DIN rail EN 60715 Design: 1-MODULE Dimensions and weight 90 x 17.6 x 64 mm	Storing temperature:	-30 to +70 °C
Pollution degree: 2 Operation position: any Installation: switchboard on DIN rail EN 60715 Design: 1-MODULE Dimensions and weight 90 x 17.6 x 64 mm	Protection degree:	IP20 device, IP40 mounting in the switchboard
Operation position: any Installation: switchboard on DIN rail EN 60715 Design: 1-MODULE Dimensions and weight 90 x 17.6 x 64 mm	Overvoltage category:	Ш.
Installation: switchboard on DIN rail EN 60715 Design: 1-MODULE Dimensions and weight 90 x 17.6 x 64 mm	Pollution degree:	2
Design: 1-MODULE Dimensions and weight 90 x 17.6 x 64 mm	Operation position:	any
Dimensions and weight Dimensions: 90 x 17.6 x 64 mm	Installation:	switchboard on DIN rail EN 60715
Dimensions: 90 x 17.6 x 64 mm	Design:	1-MODULE
	Dimensions and weight	
Weight: 82 g	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





	Minimum load		Minimum load			
Relay contact	mV	V/mA		Relay contact	mV	V/mA
AgSnO ₂	1000	10/100		AgNi	300	5/10

GCR3-11, GCH3-31, GMR3-61, SA3-02B, SA3-06M, SA3-012M, WMR3-21

Type of load	 cos φ ≥ 0.95	-(M)-	- <u>M</u> -	ŧ	j L V	HAL.230V	<u> </u>		
	AC1	AC2	AC3	AC5a uncompensated	AC5a compensated	AC5b	AC6a	AC7b	AC12
Contact material AgSnO ₂ , contact 8A	250V / 8A	250V / 2.5A	250V / 1.5A	230V / 1.5A (345VA)	230V / 1.5A (345VA) till max output C=14uF	250W	250V / 4A	250V/1A	250V / 1A
Type of load]]E≉		₩ ¹		-(M)-	-(M)-			
	AC13	AC14	AC15	DC1	DC3	DC5	DC12	DC13	DC14
Contact material AgSnO ₂ , contact 8A	x	250V / 3A	250V / 3A	24V / 8A	24V / 3A	24V / 2A	24V / 8A	24V/1A	x

CU3-04M (RE7 - RE-10), LBC3-02M, SA3-01B, SA3-02M, SA3-04M, SA3-022M (RE7 - RE-10), EA3-022M (RE7 - RE-10), JA3-018M (U/D1 - U/D9)

Type of load	 cos φ ≥ 0.95	- <u>M</u> -	-(M)-	ŧ Eeste		HAL230V			
	AC1	AC2	AC3	AC5a uncompensated	AC5a compensated	AC5b	AC6a	AC7b	AC12
Contact material AgSnO ₂ , contact 16A	250V / 16A	250V / 5A	250V / 3A	230V / 3A (690VA)	230V / 3A (690VA) till max output C=14uF	1500W	х	250V / 3A	250V / 10A
Type of load					- <u>M</u> -	-(M)-			
	AC13	AC14	AC15	DC1	DC3	DC5	DC12	DC13	DC14
Contact material AgSnO ₂ , contact 16A	250 / 6A	250V / 6A	250V / 6A	24V / 16A	24V / 6A	24V / 4A	24V / 16A	24V / 2A	24V / 2A

SA3-02B/Ni*, SA3-06M/Ni*, SA3-012M/Ni*									
Type of load	 cos φ ≥ 0.95	-(M)-	- <u>M</u> -		Ţ Ţ Ţ	HAL.230V	M		
	AC1	AC2	AC3	AC5a uncompensated	AC5a compensated	AC5b	AC6a	AC7b	AC12
Contact material AgNi contact 8A	250V / 8A	250V / 2.5A	250V / 1.5A	230V / 1.5A (345VA)	х	400W	x	250V / 1.5A	250V / 5A
Type of load	<u>}</u>		₩'		-(M)-	-(M)-			<u></u>
	AC13	AC14	AC15	DC1	DC3	DC5	DC12	DC13	DC14
Contact material AgNi contact 8A	250 / 3A	250V / 3A	250V / 3A	24V / 8A	24V / 3A	24V / 2A	24V / 8A	24V / 1A	24V/1A

SA3-01B/Ni*, SA3-06M/Ni*, SA3-04M/Ni*

Type of load	 cos φ ≥ 0.95	-(M)-	- <u>M</u> -	ŧ E B		HAL.230V	BE		
	AC1	AC2	AC3	AC5a uncompensated	AC5a compensated	AC5b	AC6a	AC7b	AC12
Contact material AgNi contact 16A	250V / 16A	250V / 5A	250V / 3A	230V / 3A (690VA)	х	800W	x	250V / 3A	250V / 10A
Type of load]]E≠		₩¦		-(M)-	-(M)-			
	AC13	AC14	AC15	DC1	DC3	DC5	DC12	DC13	DC14
Contact material AgNi contact 16A	250 / 6A	250V / 6A	250V / 6A	24V / 16A	24V / 6A	24V / 4A	24V / 16A	24V / 2A	24V / 2A

JA3-018M (U/D1 - U/D9),
CU3-04M (RE1 - RE6, OUT1 - OUT2, RE11 - RE16),
SA3-022M (RE1 - RE6, OUT1 - OUT2, RE11 - RE16, SHUTTER),
EA3-022M (RE1 - RE6, OUT1 - OUT2, RE11 - RE16, SHUTTER),
FA3-612M (FAN1 - FAN3, RE)

Type of load	 cos φ ≥ 0.95	-(M)-		
	AC1	AC3	AC15	DC1
Contact material AgNi contact 6A	250V / 6A	230V / 0.8A	230V / 1.3A	30V / 3A 110V / 0.2A 220V / 0.12A

Demonstrated symbols are informative.

*Products with AgNi contact only up on request for extra charge.