

Technical parameters

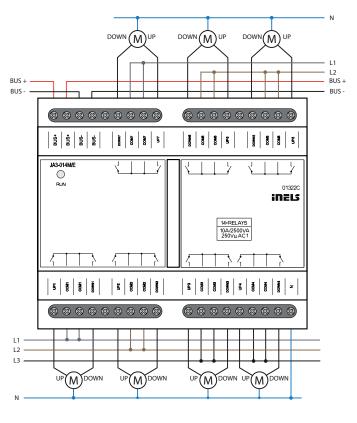
JA3-014M/E

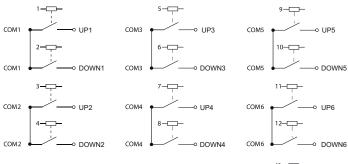
lechnical parameters	JA3-014M/E
Outputs	
Output:	14x switching 0.5 A/AC15
Switched voltage:	250 V AC, 30 V DC
Switched output:	125 VA/AC15
Protection:	10A (maximum output) B class circuit breaker
Peak current:	10 A
Output relays separated	reinforced insulation
from all internal circuits:	(Cat. II surges by EN 60664-1)
Isolation between relay outputs	
COM 1,2 COM 3,4 COM 5,6 COM	reinforced insulation
7,8 COM 9,10 COM 11,12:	(Cat. II surges by EN 60664-1)
Isolates. voltage open	4114
relay contact:	1 kV
Max. current of one	
common terminal:	12 A
Minimal switched current:	100 mA/10 V DC
Switching frequency without load:	300 min ⁻¹
Switching frequency with rated load:	15 min ⁻¹
Mechanical life:	1x 10 ⁷
Electrical life AC1:	1x 10 ⁵
Mains voltage detection:	yes (relay switching in zero)
Output indication:	-
Control:	
Communication	
Installation BUS:	BUS
Status indication unit:	green LED RUN
Power supply	
Voltage of BUS/tolerance/	
nominal current:	27 V DC, -20/+10 %, 150 mA
Connection	
Terminal:	max. 2.5 mm ² /1.5 mm ² with sleeve
Operating conditions	
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
Operating position:	any
Installation:	switchboard on DIN rail EN 60715
Design:	6-MODULE
Dimensions and weight	
Dimensions:	90 x 105 x 65 mm
Weight:	310 g
Standards:	EN 63044-1

- JA3-014M/E is an actuator designed for controlling rollers, shutters, blinds, awnings, garage doors, entrance gates, etc.
- It controls electric drives that are controlled in two directions and have a built-in limit switch.
- The unit's status is indicated by the green RUN LED on the front panel

 if the BUS voltage is connected, but there is no communication via
 BUS with master, the LED RUN is on continuously.
 - if the bus voltage is connected and the unit communicates by BUS, the LED RUN flashes.
- The software blocking of output relay contacts can be secure using the iNELS Design Manager software.
- JA3-014M/E is normally supplied in the option AgSnO2 contact material
- JA3-014M/E in 6-MODULE version is designed for mounting into a switchboard on DIN rail EN60715.
- JA3-014M/E is an economic option without manual control buttons on the front panel and status LEDs for the relay output. (possibility to control via iDM software).
- The unit has synchronized closing and opening of the relay in the zero voltage of the sinusoidal waveform. The sync inputs are COM 1, 2, 3, 4, 5, 6 and 7 against the N terminal.

Connection





COM7

o UP7

Note:

For the protection of relay it is recommended to use protection device: 10A (maximum output) B class circuit breaker.