



EAN code
JA3-014M/E: 8595188189491
Order Code: 8949

Technical 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 from all internal circuits:	reinforced insulation (Cat. II surges by EN 60664-1)
Isolation between relay outputs COM 1,2 COM 3,4 COM 5,6 COM 7,8 COM 9,10 COM 11,12:	reinforced insulation (Cat. II surges by EN 60664-1)
Isolates. voltage open 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
Oversvoltage 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

Note:

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

- 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 switch-board 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