



EAN code  
JA3-018M: 8595188174466  
JA3-018M/120V: 8595188174473

Technical parameters	JA3-018M	JA3-018M/120V
<b>Outputs</b>		
Output:	9x changeover 4 A/AC15	
Switched voltage:	250 V AC, 24 V DC	
Switched output:	1000 W/AC15, 100 W/DC	
Peak current:	10 A	
Output relays separated from all internal circuits:	basic insulated. (Cat. III surges by EN 60664-1)	
Isolation between relay outputs GATE1, GATE2 and GATE3:	basic insulated. (Cat. II surges by EN 60664-1)	
Isolates. voltage open relay contact:	1 kV	
Minimal switched current:	100 mA / 10 V DC	
Switching frequency without load:	300 min <sup>-1</sup>	
Switching frequency with rated load:	15 min <sup>-1</sup>	
Mechanical life:	1x 10 <sup>7</sup>	
Electrical life AC1:	1x 10 <sup>5</sup>	
Output indication:	9x yellow LED	
<b>Communication</b>		
Installation BUS:	BUS	
Status indication unit:	green LED RUN	
<b>Power supply</b>		
Supply voltage by BUS / tolerance / nominal current:	27V DC, -20 / +10 %, 5mA	
Supply voltage of power section (relay) tolerance / nominal current:	AC 230V (50 Hz), -15 / +10 %, 20 mA	AC 120V (60 Hz), -15 / +10 %, 40 mA
Dissipated power:	max. 2 W	
<b>Connection</b>		
Terminal:	max. 2.5 mm <sup>2</sup> /1.5 mm <sup>2</sup> with sleeve	
<b>Operating conditions</b>		
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:	vertical	
Installation:	switchboard on DIN rail EN 60715	
Design:	6-MODULE	
<b>Dimensions and weight</b>		
Dimensions:	90 x 105 x 65 mm	
Weight:	346 g	

- JA3-018M is an actuator designed for control of roller 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 power supply is connected, but there is no communication via BUS with master, the LED RUN is on continuously.
  - If the supply voltage is connected and the unit communicates by BUS, the LED RUN flashes.
- The status of the output contacts is indicated by the U/D LED:
  - When the blind / roller blind is moving up / down, the corresponding LED lights up.
  - If the number of switching operations per minute is exceeded, the corresponding LED flashes.
- JA3-018M in 6-MODULE version is designed for mounting into a switchboard on DIN rail EN60715.

### Connection

