



BMQ2 Solenoid Instruction Manual

(Containing a Melting Plate Device)



JIELONG SHUTTER MOTORS LTD.

Add: 27 Xiaogang North Road, Longwen District, Zhangzhou , Fujian. Tel:

0596-2160168 PC: 363005

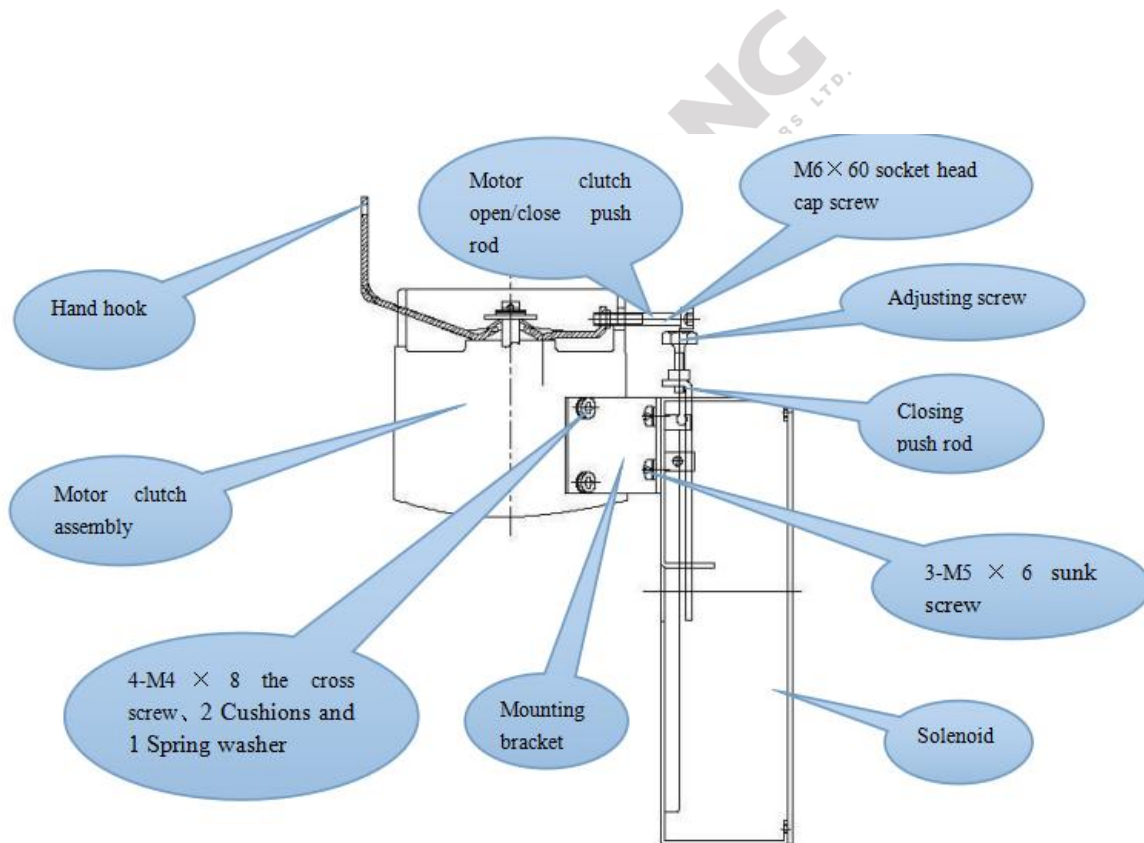
Website: www.jlon.com.cn www.jielongmotor.com

Email: sales@jlon.com.cn

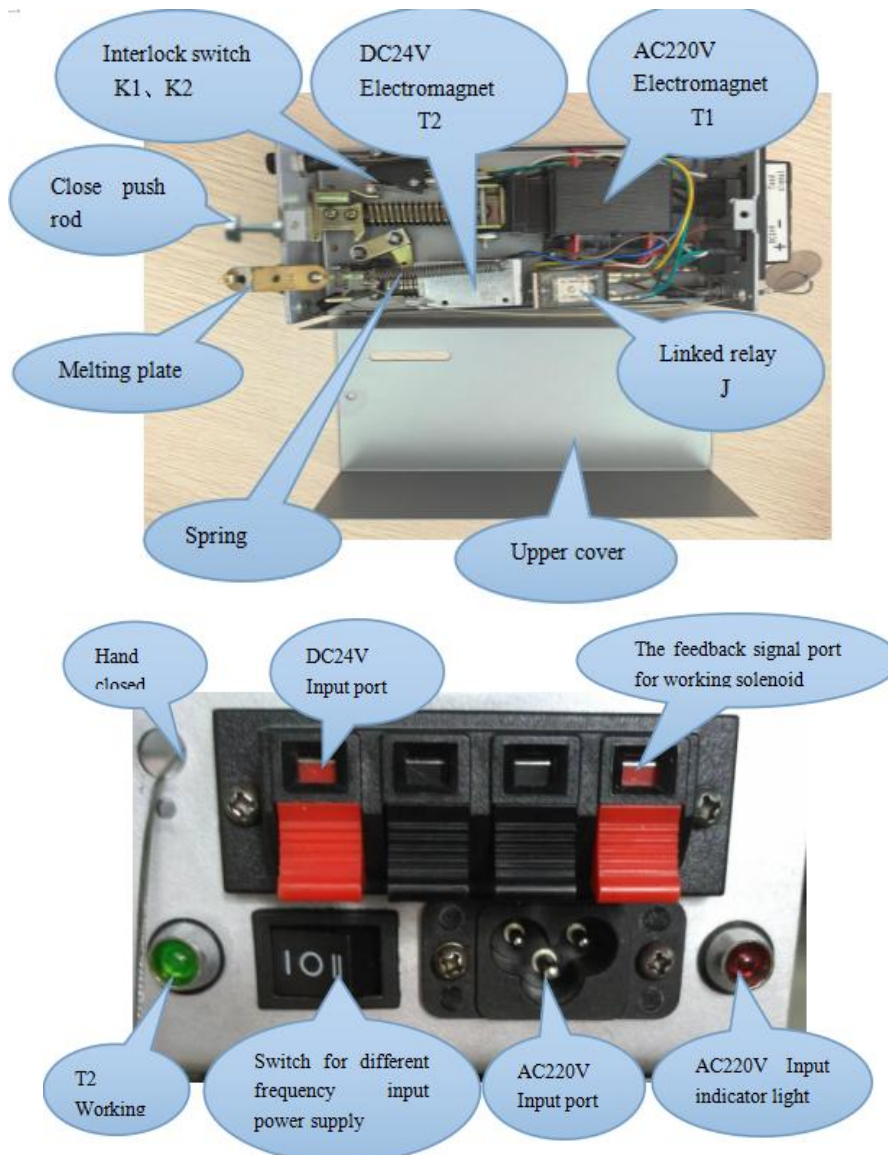
Solenoid installation instructions

Installation:

1. Firstly, lock the mounting bracket on the solenoid with sunk screw 3-M5×6, the adjusting screw, closing push rod is in off state (If not, must press it).
2. Then lock the solenoid which with mounting bracket onto the motor with screw 4-M4×8 and 2 Cushions and 1 Spring washer.
3. Lock the M6×60 socket head cap screw on hand hook.
4. Adjust the adjusting screw to slightly touch the M6×60 socket head cap screw then tighten the nut.



Each function module identifier



WORKING PRINCIPLE (Containing a melting plate device)

Standby State: According to the user's power supply frequency (50Hz/60Hz), switch the frequency conversion switch to the corresponding frequency ("I" for 50Hz, "II" for 60Hz). Input an inching power supply of AC220V through the control system. The electromagnet T1 is attracted, the closing push rod retracts, and the motor clutch resets.

Fire door closing state: When the control system receives the fire signal, it will input an inching power supply of DC24 to the solenoid. The electromagnet T1 is attracted first, then it releases, and the closing push rod pops up. It pushes the motor clutch's open/close push rod, and then the fire door falls to the ground by gravity, so as to isolate the fire.

Fusible sheet works, closed door state: When the temperature exceeds 70 °C, the melting plate breaks. Under the action of the spring, the door closer push rod pops out, directly pushing the roller shutter clutch's opening and closing push rod, causing the fireproof door to slide down to the ground by its own weight, thus playing a role in fire isolation.

Reset state of the melting plate: Install the melting plate at the top of the extension rod and press the door closing push rod.

Schematic circuit diagram

