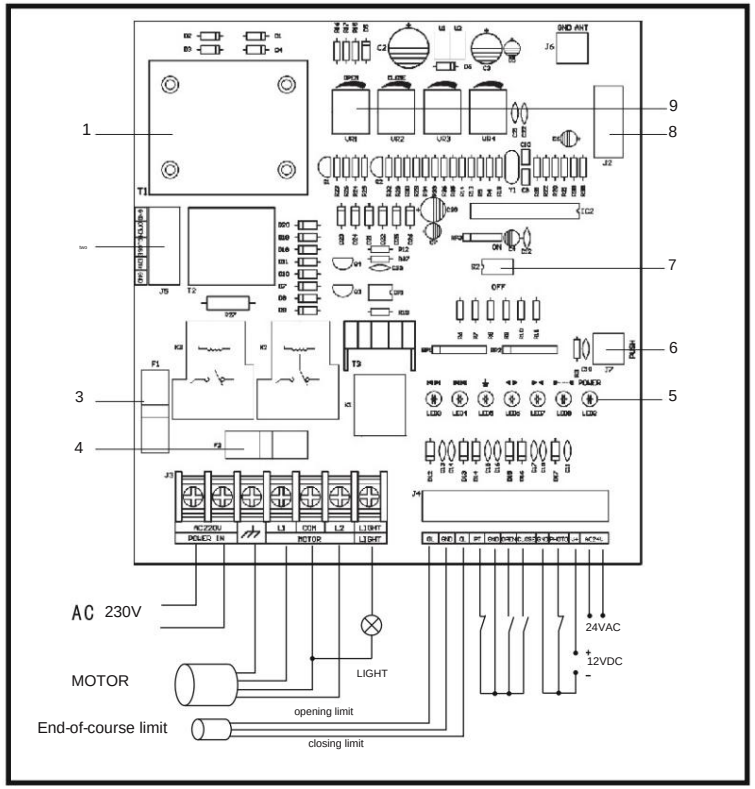
Central wiring diagram

1. 230VAC Central



Technical Data

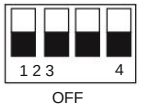
Food	AC 230V 50HZ
maximum consumption	3W
power accessories	AC24V 0.4A max
Operating Temperature	-20 +55 ℃
Operating mode	soft start & stop
Frequency	433MHz

Main board description

1.Transformer
2.Connectors Button
3.Fuse 0.2A 4.Fuse 8A
5.LED 6.Connectors Button
7.DIP switch 8.Receiver
Module Connectors
9.Potentiometers
Vr1:Potentiometer to adjust opening force
Vr2:Potentiometer for adjust closing force
Vr3:Potentiometer to select automatic closing time at

Vr4:Potentiometer to select working time

2. Programming of DIP Switches



DIP1: ON: Activates automatic closing
OFF: Disables automatic closing
DIP2: ON: Activates man-present mode, the button must be pressed continuously when the door is closed
OFF: Automatic Mode
DIP3: ON: Activates force detection, in this mode, when the port encounters some obstacle in its path, it reverses direction. The force can be adjusted using the potentiometers Vr1 and Vr2 OFF: Disables force detection .DIP4: ON: Enables Soft Start/Stop

OFF: Disables Soft Start/Stop

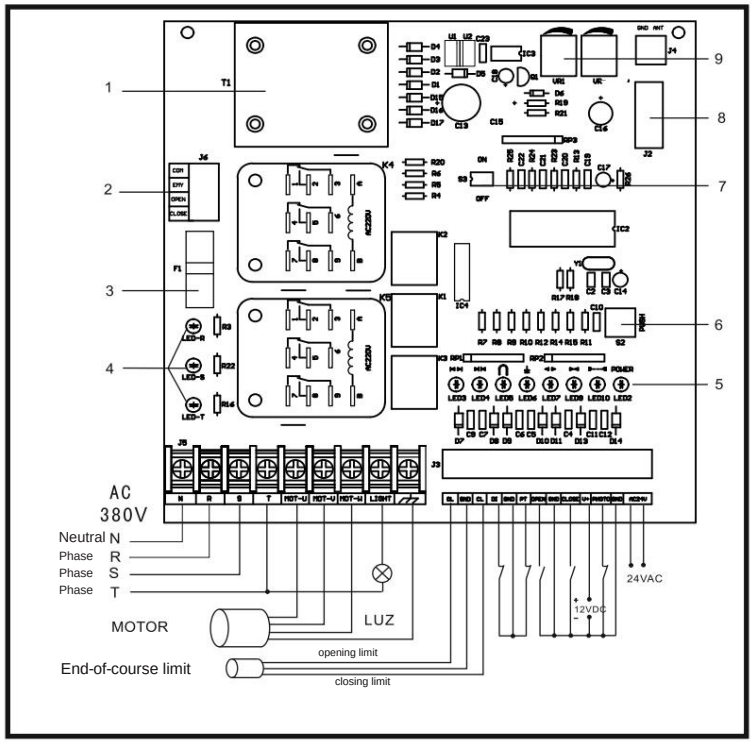
LED1: Learning
LED2: Energy
LED3: Opening Limit
LED4: Closing Limit
LED5: Pneumatic Coast
LED6: Opening
LED7: Closing
LED8: Photocells

3. Add commands

Press "LEARN" button for 1 second, LED1 will flash, press a button on the remote to add , LED1 will flash 2 times, the motor starts to work : the command is configured.

Note: The operating mode of the remote is step-by-step by each button.

1. 400VAC Central



Technical Data

Food	3x230V AC + N
Maximum Consumption	3W
power accessories	AC24V 0.4A max
operating temperature	-20 ~50 ℃
Frequency	433MHz

Main board description

1.Transformer
2.Connectors Button 3.2A
Fuse 4.LED 5.LED
6.Connectors Button 7.DIP
switch 8.Receiver Module
Connector 9.Potentiometers

Vr1:Potentiometer to select working time
Vr2:Potentiometer to select pause time

2. Programming DIP Switches

DIP1: ON: Activates automatic closing
OFF: Disables automatic closing

DIP2: ON: Activates Man Present mode, the button must be pressed continuously when the door is closed
OFF: Auto mode

LED-R
LED-S
LED-T
Phase

LED1: Learning
LED2: Power
LED3: Opening Limit
LED4: Closing Limit
LED5: n - Stop
LED6: Pneumatic coast
LED7: Opening
LED9: Closing
LED10: Photocells

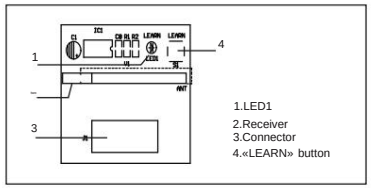
3. Add commands

Press "LEARN" button for 1 second, LED1 will flash, press a button on the remote to add , LED1 will flash 2 times, the motor starts to work : the command is configured.

Note: The operating mode of the remote is step-by-step by each button.

4.Delete saved codes

Press «LEARN» for 8 seconds, until LED1 flashes: all codes will have been cleared



5. Adjustment of limit switches

Heads up: If the motor operates in the opposite direction to the intended one, you must change the connections as follows:

Change the two connections that connect the motor inside the industrial box

L1 L2

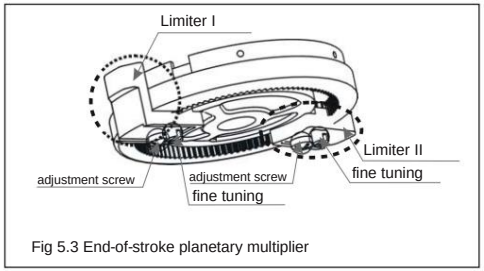


Fig 5.3 End-of-stroke planetary multiplier

5.1 Adjustment of the closing limit

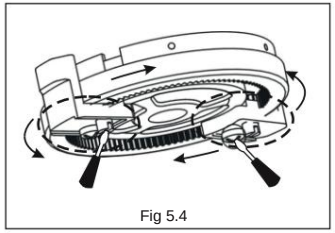


Fig 5.4

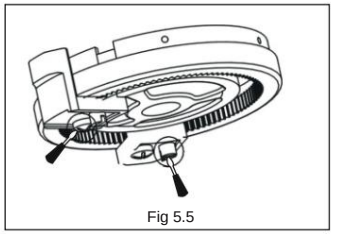


Fig 5.5

Step1, Fully close the door and make sure which is the end-of-course tuner closure, and then loosen the closing limit switch adjusting screw.

Step2, Adjust the adjustment screw end-of-course final close until the limiter touches the switch and LED4 turns off.

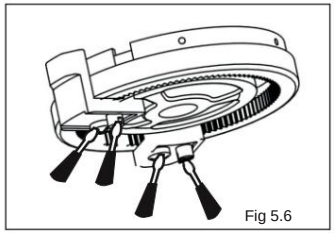


Fig 5.6

Step3, tighten the adjustment screw of the closing limit switch.

Step4, order the motor to run and at the end of the operation check that the closing stroke limit is in the correct position. Otherwise, go back to Step2.

Attention: if the motor operates in the opposite direction to the intended one, change the connections L1 L2

5.2 Adjusting the opening limit

To adjust the opening limit switch, proceed in the same way as for opening limit adjustment.

Once the adjustments have been made, open and close the gate completely and check that the limit switch is working perfectly and correctly adjusted.