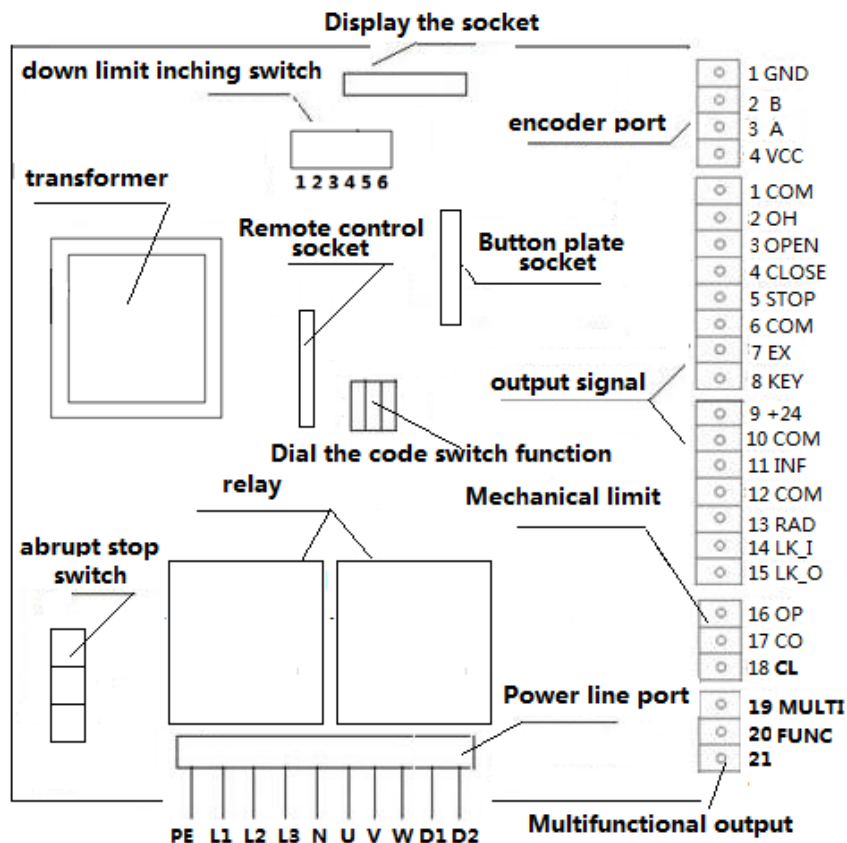


AC380V Circuit board structure: (GYK-91SY)



Motor connection port:

1, L1 L2 L3 N : AC 380 V power supply into line,

Industrial door operator operation instruction

L1, L2, L3 for wire, N for zero line.

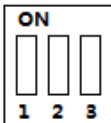
- 2, PE: Grounding.
- 3, U V W: Motor line, U (blue), V (brown), W (black) and motor terminals U, V, W corresponding connection.
- 4, D1 D2: Runtime output 220 v port, Warning lights.

Dial the code switch Settings:

Dial the code switch 1: limit mode choice.

ON: mechanical limit state,

UNDER: electronic limit state



Dial the code switch 2: closing point choice.

ON : closing point state,

UNDER: continuous running state




Dial the code switch 3: Automatic delay shutdown choice.

ON : Automatic delay shutdown state

UNDER: Manually shutdown state

Note: dial the code switch 2, dial the code switch 3. The only valid at the time of mechanical limit state.

Mechanical limit port connection:

	16	OP	Mechanical limit	open limit	Green cable
	17	CO	Mechanical limit	public	White cable
	18	CL	Mechanical limit	close limit	Red cable

Multi-functional port wiring instructions:

<div></div>	19	—	MULTI	Close the door in place signal output
<div></div>	20	—	FUNC	Open the door in place signal output
<div></div>	21			Damon runtime signal output
				The wind curtain signal output
				Alarm signal output

Industrial door operator operation instruction

<input type="radio"/>	1	COM	public port
<input type="radio"/>	2	OH	Motor overheating and manual chain protection
<input type="radio"/>	3	OPEN	rising
<input type="radio"/>	4	CLOSE	DOWN
<input type="radio"/>	5	STOP	STOP
<input type="radio"/>	6	COM	public port
<input type="radio"/>	7	EX	Middle limit
<input type="radio"/>	8	KEY	Step and step
<input type="radio"/>	9	+24V	power output
<input type="radio"/>	10	COM	public port
<input type="radio"/>	11	INF	Infra
<input type="radio"/>	12	COM	public port
<input type="radio"/>	13	RAD	Radar
<input type="radio"/>	14	LK_I	Interlock input
<input type="radio"/>	15	LK_O	Interlock output

Control model of port wiring instructions:

1, Motor overheating protection:

Industrial door operator operation instruction

When the motor overheating, or manual chain is pulled, the downward will keep flashing lights on the control panel, hint at this point in the protection state.

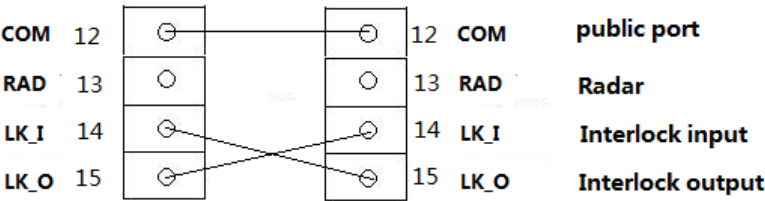
- 2, External three button function: Three button to switch to an external access port 3 (OPEN), 4 (CLOSE), 5 (STOP) and 6 (COM) port, switch state requirements for NO;
- 3, Middle limit function:
The external single push button switch two wires access 7 (EX) and 6 (COM). Press the switch, the gate will automatically open to, set in the middle of the limit position. Can be external fire signal, if any signal input, doors automatically open to limit position in the middle.
- 4, Step and step function:
The external single push button switch two wires access 8 (KEY) and 6 (COM). Can achieve a single bond, open, stop, close, stop cycle operation function.
- 5, DC24 v power supply output function:
Ports 9 and 10 to DC24 v power supply output port;
- 6, Infrared protection function:
The infrared signal equipment, access to 11 (INF) and 12 (COM), 24 v power cord access 9 (+ 24) and 10 (COM).. Enter the input signal is NO, NC can be set up through parameter P2-09..
- 7, Air switch protection function:
Air switch signal equipment, access to 11 (INF) and 12 (COM), 24 v power cord access 9 (+ 24) and 10 (COM).. Enter the input signal is NO, NC can be set up through parameter P2-09..
- 8, Little door switch protection function:
Factory state, the two ports is to use short jumper wire connection good, such as need little door protection, please

Industrial door operator operation instruction

remove the short jumper, and to access the door switch line 13 (RAD) and 12 (COM) port . Normally open, normally closed state can be set through the P2-10.At this point, when the door open, switch button without action;

9, Interlock function:

Port 14 (LK_I) and 15 (LK_O), for the interlock input and interlock of the output signal interface, use the function of the interlock function of P1-03 parameter must be set to open. Interlock is the meaning of after putting in place a door closed, another door to work



No. 1 gate terminal

No. 2 gate terminal

Function of remote control Settings

Remote control receiving plate, installed on the screen of the socket on the back of the circuit board, can plug, pay attention to the direction of the insert, when installation should pay attention to in rectangle area specified by the circuit board.

step1: after electrify hold the remote control receiver plate on white button until the red light is extinguished, to remove the original password;

step2: to press the white key learning, found that loosen the red indicator into the learning state;

Step 3: Press any one transmitter, found that the red light is put out after two flashes, end of the learning pro