

42 mm stepper motor driver two phase NEMA 17 , microstep from 1~128 JK0220

1. Model Number: JK0220
2. Phase: 2 Phase
3. Function: Control
4. Speed: Low Or High speed
5. Motor Height: 42 mm
6. Usage: Industrial
7. DC power input :12V~36VDC ,
8. AC power input : 23V~24V
9. Output current:0.3A-2.0A
10. Mircosteping:1(1.8°),1/2,1/4,1/8,1/16,1/32,1/64,1/128
11. Weight: < 200 g

2phase stepper motor driver for NEMA17 stepper motor/ 42mm stepper motor driver,0.3A~2.0A current ,microstep from 1~128 , AC 12~24v, DC 12~36V input

Characteristics:

- 1.DC power input type:12V~36VDC , AC power input : 23V~24V
 - 2.Output current:0.3A-2.0A
- Mircosteping:1(1.8°),1/2,1/4,1/8,1/16,1/32,1/64,1/128
- Pulse/rev: 200,400,800,1600,3200,6400,12800,25600
- 3.Dimensions:96mm×60mm×24.5mm
 - 4.Weight:<200g.
 - 5.Working environment:Temperature-15~80□

I/O Ports:

- 1.AC1,AC2:It can input both for AC and DC
- .Must guard against exceeding 36V,so as not to damage the module
- 2.A+,A-:Stepping motor one winding
 - 3.B+,B-:Stepping motor other winding
 - 4.PUL :Stepping pulse input
 - 5.DIR:Stepping motor direction input
 - 6.VCC:power supply port for inside optical coupling
 - 7.EN: motor free

NOTE:

1. When ambient temperature is high or working current over 1.05A, fix the module on big metal shell , or use axle flows fan dispels the heat, to make the module run reliably for a long time.
2. Half current automatically: if control machine not send out signal in half second, driver enter half current state of automatically for electricity saving, the phase current of the winding of the electric

Switch Choice:

1, Microstepping choice:

SW5	On	Off	On	Off	On	Off	On	Off
SW6	On	On	Off	Off	On	On	Off	Off
SW7	On	On	On	On	Off	off	Off	Off
Micro	1	2	4	8	16	32	64	128

2, Current choice:

SW1	On	Off	On	Off	On	Off	On	Off
SW2	On	On	Off	Off	On	On	Off	Off
SW3	On	On	On	On	Off	Off	off	Off
Current(A)	0.3	0.4	0.5	0.6	1.0	1.2	1.5	2.0

3, installation dimension

