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YKA2811MA

- High performance, low noise with excellent stability and low cost
- 16 constant-torque microstep settings, 200 microsteps the highest
- Unique control circuit, effectively reducing noise and increasing rotation smoothness
- 200Kpps response frequency
- After step pulse stops for 100ms, output current change to 20%~80% (based STOP setting)
- Bipolar constant current wave chopping mode, improve motor speed and power
- Photoelectric isolated signal input/output
- Drive current adjustable from 0.5A/phase to 8A/phase
- Sole power input, voltage range: AC60~110V
- Fault protection: over current, overheat, low voltage protection
- Small size: 200*156*80mm, 2.3kg

Typical Application:

Mainly used in engraving machine, CNC machine, packaging equipment, polishing equipment, constant speed applications, laser cutting machine and textile equipment.

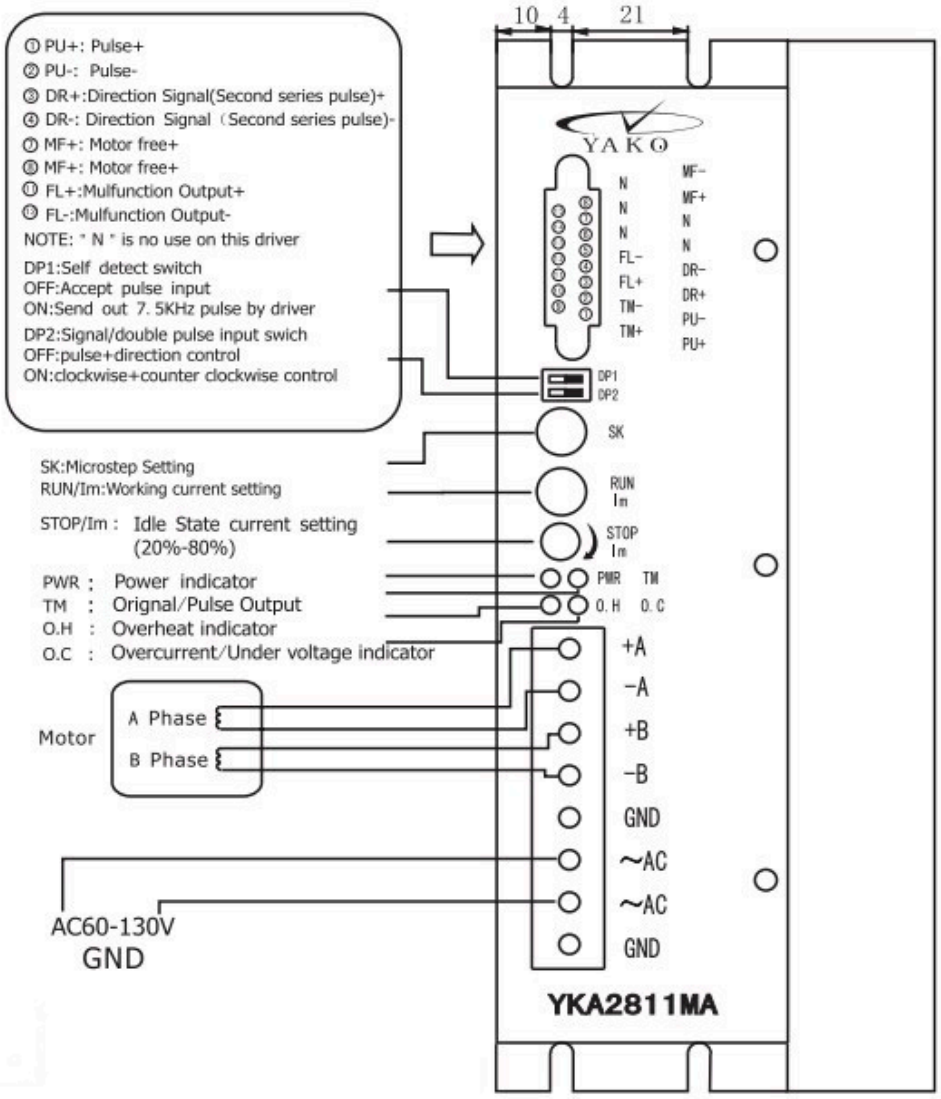
Product Details

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Description

YKA2811MA is identical-angle constant-torque microstep drive with working voltage AC60~110V. It's designed for various models of two phase 86~130mm (NEMA 34~50) hybrid stepper motors which current are below 8A.

Product Diagram



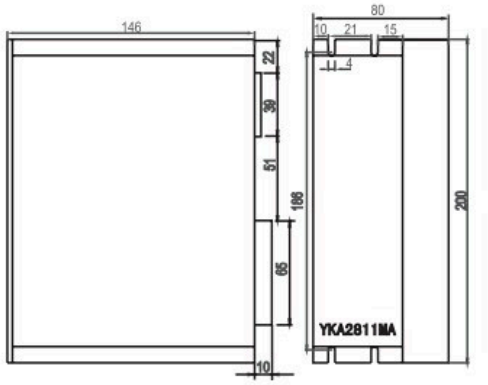
Current Setting

Microstep Setting

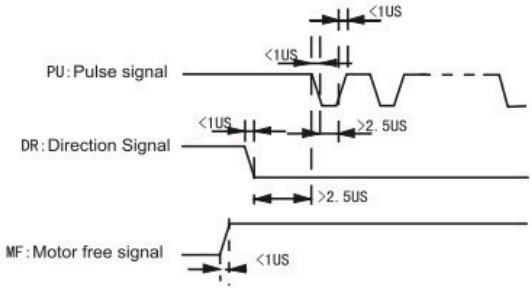
Microstep setting

SK	F	E	D	C	B	A	9	8	7	6	5	4	3	2	1	0
Microstep	1	2	4	5	8	10	16	20	25	32	40	50	64	80	100	200

Installation dimensions



Input signal timing diagram



Terminal Assignment

Package Product



110mm Series 2 Phase



130mm Series 2 Phase

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file	Explanation	Download

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