

## 2H1160

### FEATURES

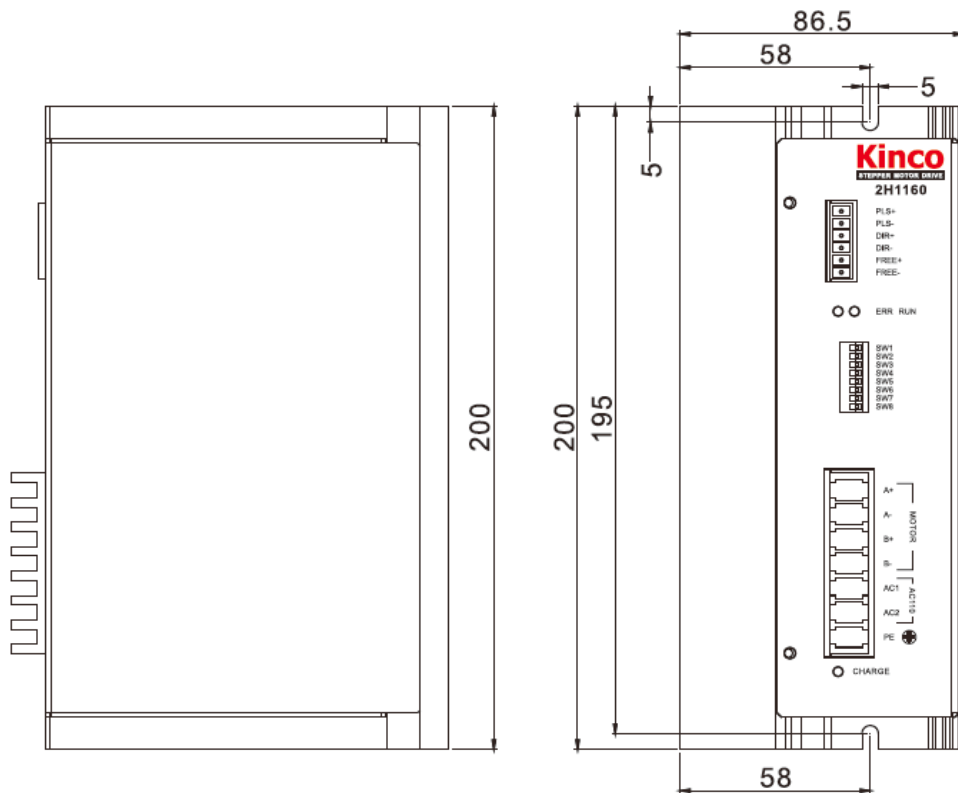
- **Supply Voltage** 60 ~ 123VAC
- **Phase Current (Peak)** 2.5 ~ 6.5A (Peak)
- **Micro Step Set by Kinco Step Software**
- **Suitable Motor** 2-Phase Hybrid Stepper Motor
- **Operation Temp** -10° to +45°C
- **Weight** 1.77Kg
- **Protection Level** IP20
- **Communications**;RS232/RS422/RS485



### DESCRIPTION

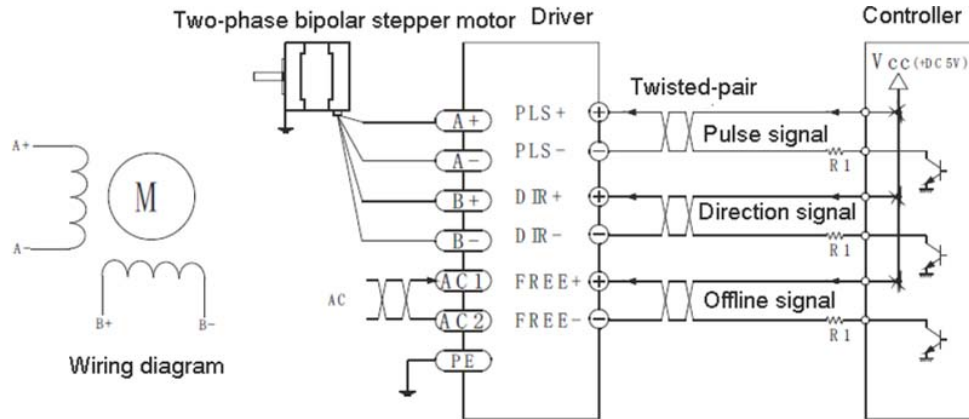
The 2H1160 Series Stepper Driver provides improved dynamic drive performance. This series drive accepts 60~123VAC input, with up to 6.5 Amps per phase, and provides users with a step resolution of up to 400 steps per revolution. As an additional feature, this drive provides users with the ability to select an auto reduce current setting which helps reduce power consumption and motor heat, which improves motor lifetime. Also, the isolation inputs help minimize interference from external electrical equipment as well as improving performance.

### DIMENSIONS



(Units Are In mm)

L011350



No.	ON	OFF
DIP1 ~ DIP5	Set Current	Set Current
DIP6	Half-Current Valid	Half-Current Valid
DIP7	Half-Step 400 Steps/ Round	Full-Step 200 Steps/ Round

Settings of Output Phase Current					
DIP1	DIP2	DIP3	DIP4	DIP5	Peak Value of Output Current
ON	ON	ON	ON	ON	2.5A
OFF	ON	ON	ON	ON	3.0A
ON	OFF	ON	ON	ON	3.5A
OFF	OFF	ON	ON	ON	4.0A
ON	OFF	OFF	ON	ON	4.5A
OFF	OFF	OFF	ON	ON	5.0A
OFF	OFF	OFF	OFF	ON	6.0A
OFF	OFF	OFF	OFF	OFF	6.5A

L011350

Technical Specifications	
Supply Voltage	60VAC~123VAC
Phase Current	2.5 to 6.5A (Unit: A) (Peak)
Micro Step	Set by Kinco Step Software (200 to 400)
Adaptable Motor	3-Phase Hybrid Stepper Motor
Input Current of Signal	6 ~ 16mA
Output Signal	ERR, Open Connector Output, Maximum Current: 100mA
Control Signal Mode	PLS+DIR; Dual-Pulse CW/CCW, A/B Phase Encoder Signal
Automatic Half Current	The Driver Will Reduce Phase Current of the Motor by A Half in 1.5 Seconds
Protection Circuit	Over/low Voltage Alarm, Over Current Alarm and Overheat Protection
Operation Indicator	Operation and Error LED

Technical Specifications (Environment)	
Cooling Method	Cooling by Air
Operation Environment	Avoid the Environment with Great Amount of Metallic Powder, Oil Mist, or Erosive Gases
Operation Humidity	85%, RH (Non-Condensing or Water Drops)
Operation Temperature	-10° C - +45° C
Storage Temperature	-20° C~ +70° C
Weight (Net)	1.77Kg
Dimensions	200x86.5x123 mm
Ingress Protection	IP20