



SPECIFICATION SHEET

CONTROL BOX - KDBC50

THE SMART CONTROL CENTER

KAIDI combines advanced electronics and smart algorithms to deliver an intuitive height adjustment experience. Whether you're standing tall during a brainstorming session or seeking ergonomic comfort while seated, our Control Box empowers you to effortlessly customize your workspace's elevation, enhancing your productivity and well-being.

The brain of the entire desk. Optimized for low energy consumption during standby.

- 3 Ports, 100V_{AC}-120V_{AC}, 300W
- Improved Quick Mount for Tool-less Assembly

FEATURING

**NEW QUICK MOUNT
SYSTEM**

3 LEG CONTROL BOX

**ANTI-COLLISION
AND GYRO SENSORS**

KDBC50 SPECIFICATIONS

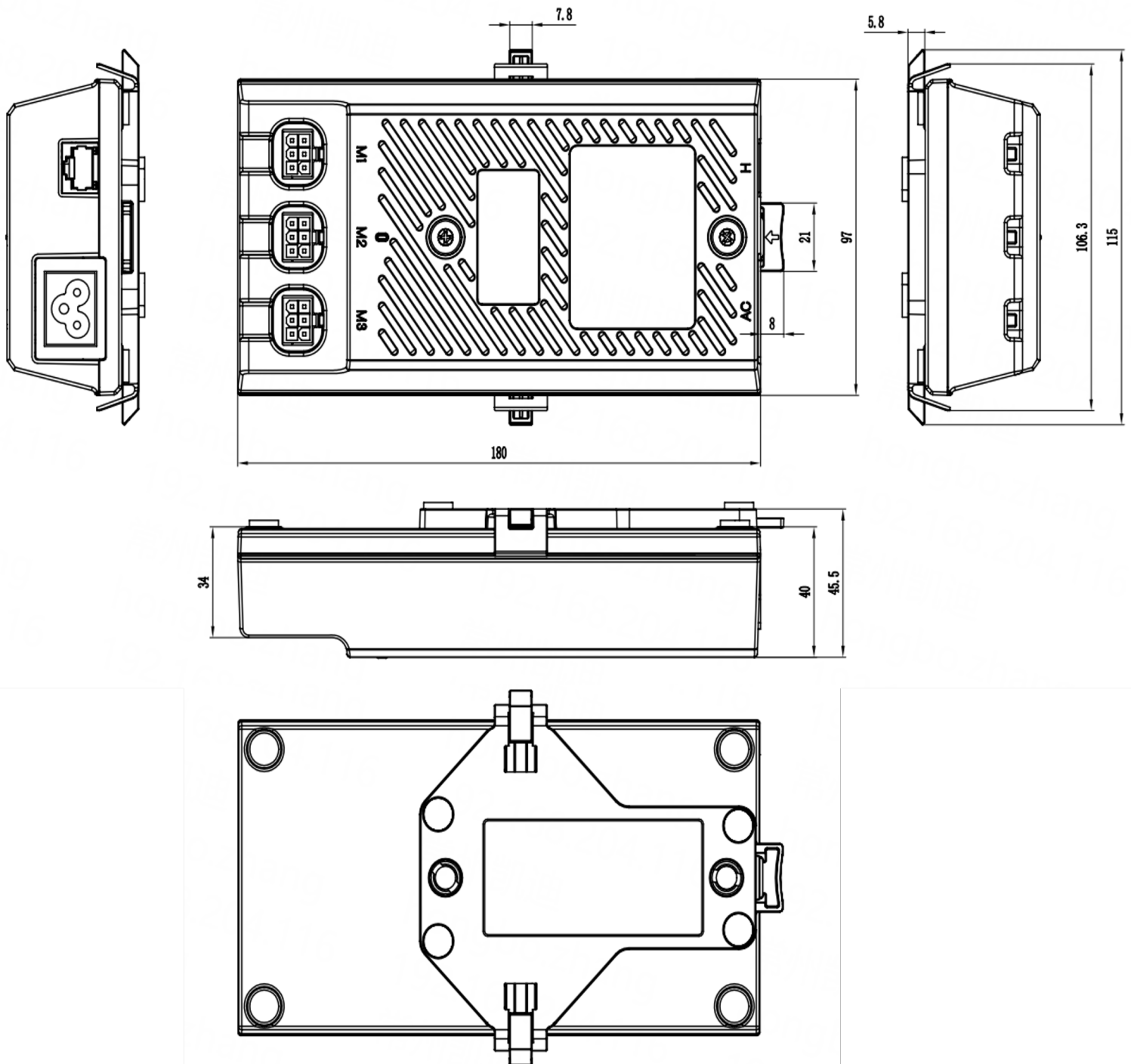
Dimensions	7.1x 3.8x 1.6in. / 180x97x 41 mm
Speed	1.4 in/sec / 36 mm/sec
Stroke	n/a / n/a
Overheating Protection	176°±9°F / 80°±5°C
Input	3.33A @ 120V _{AC} (400W)
Output	3x 4.00A @ 26V _{DC}
Standby Power	< 0.1 W
Duty Cycle	10%, MAX. 2 Minute ON/18 Minutes OFF
Overload Protection	≥ 12A
Protection Grade	IP20
UL Number	---
Flame Class	UP94-V0
Certifications	UL, CUL
Ports	3
Memory	Up To 4 Positions
Color	Black

OPERATION CONDITIONS

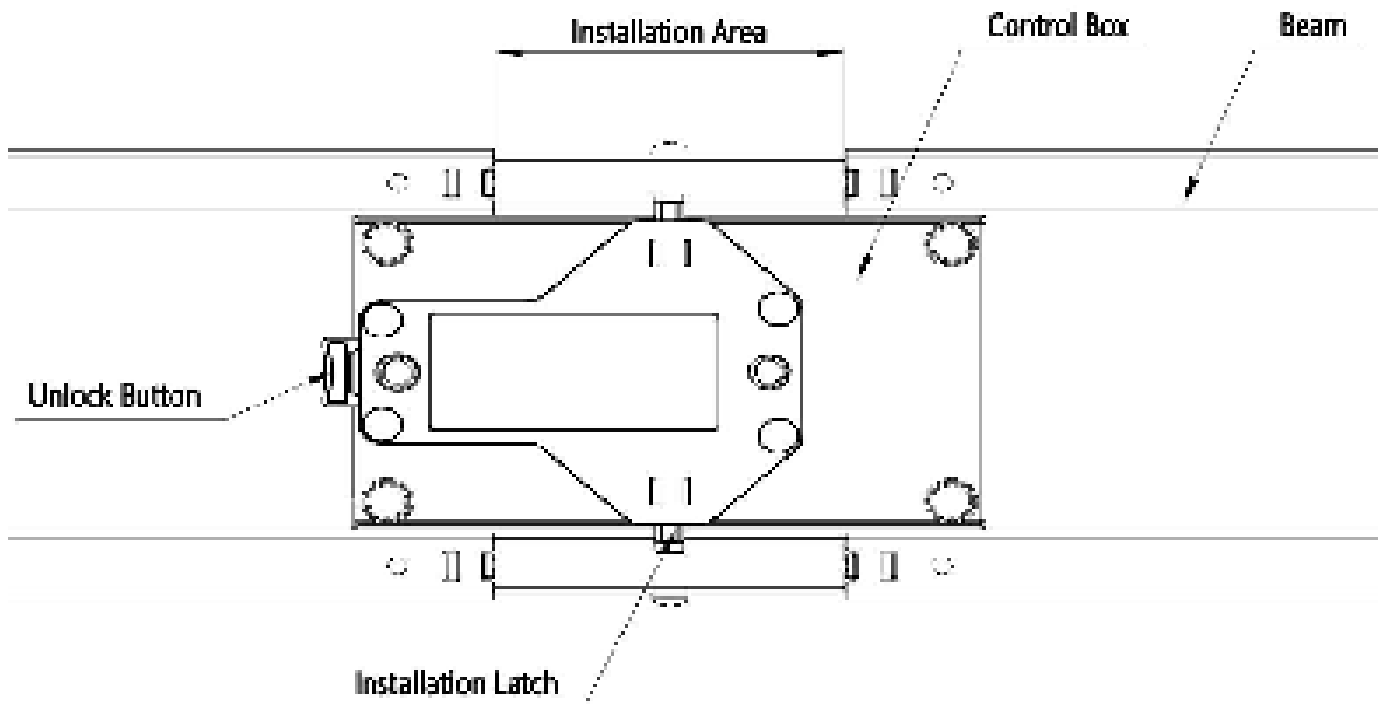
Relative Humidity
20%-80% @ 30°C

Atmospheric Pressure
700hPa ~ 1060hPa

Ambient Temperature
41°-104°F / 5°-40°C



NEW KDBC50 QUICK MOUNT PLATE



KDBC50 QUICK MOUNT

- Place the KDBC50 control box between the beams of the desk frame, ensuring that the installation latch is positioned in the installation area.
- Press the KDBC50 control box against the tabletop until you hear a “click” sound, indicating that it is securely installed. Then release your hand.

KDBC50 QUICK RELEASE

- Press and hold the unlock button to retract the installation latches at the edges of the control box.