

# Control Box

## CB5P-M

CB5P-M is a control box designed with Moteck's proprietary Bus protocol and can control up to 5 actuators.

CB5P-M contains lead-acid rechargeable batteries, which can still operate actuators in short time when AC power supply is interrupted.

It is also equipped with a button, which can completely cut off the battery before it is not used for a long time to extend the service life of the battery. It is waterproof and can be used in medical, home care and other applications.



### Features and Option

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**Main applications:** Home care, medical

**Standard features:**

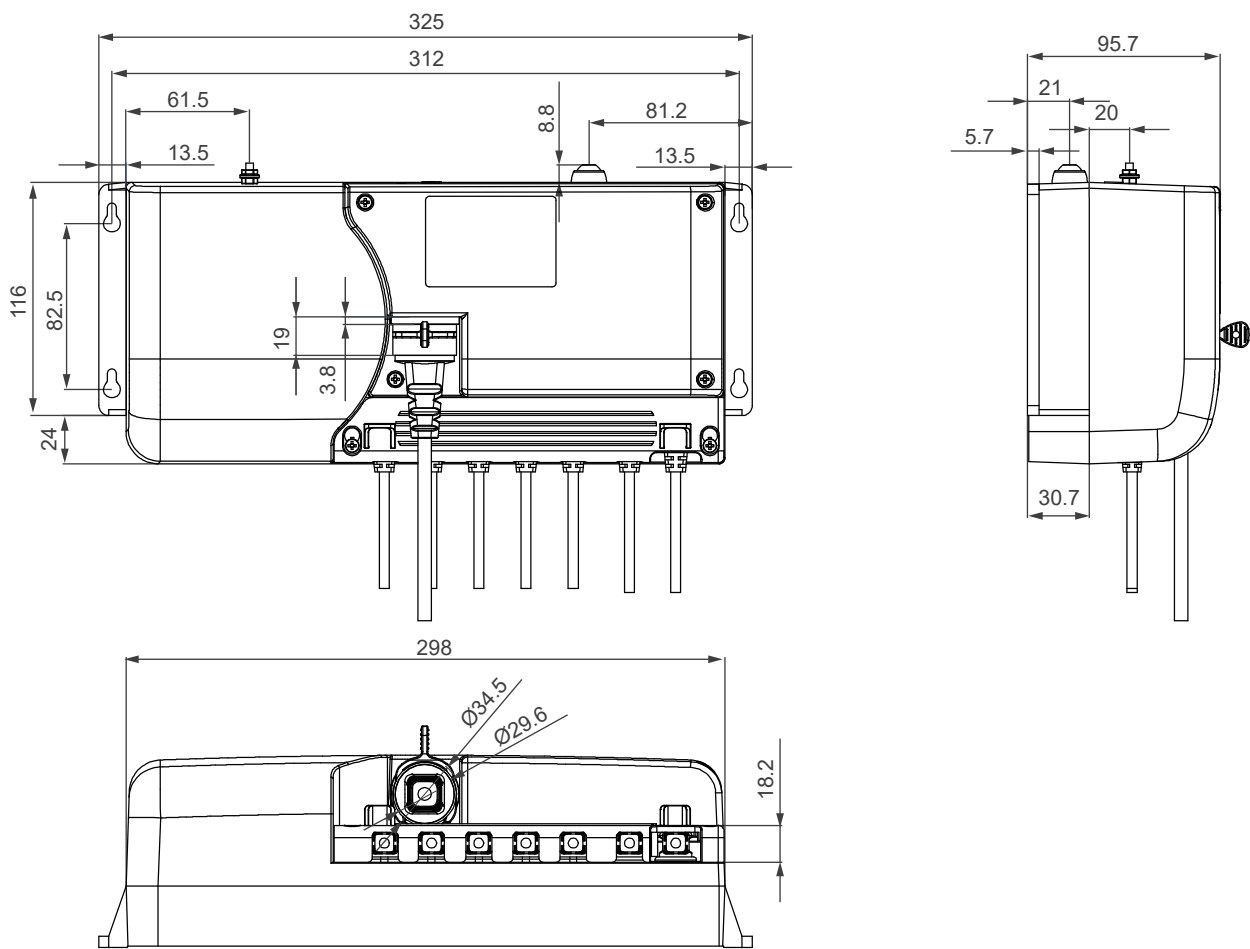
- Input: 100 ~ 240V AC, 50/60Hz (SMPS)
- Output: 32V DC, 5A@110V or 8A@240V
- Max. number of actuators: 5 channels
- Max. number of controls: 2 channels
- Overload protection current: 5A per channel
- "Reset" button: to power off the batteries.
- Battery level detection function (Need to match a hand control or control panel with indicator)
- Duty cycle: 10%, maximum 2 minutes continuous use.
- Ambient operation temperature: +5°C~+40°C
- IP Protection level: IPX5
- Protection class: Class II. Class I application is possible for customers, please contact Moteck sales.
- Color: Light gray RAL 7035
- Certified: CE Marking, EN 60601-1-2, IEC 60601-1-2, EN IEC 61000-3-2, EN 61000-3-3

**Option:**

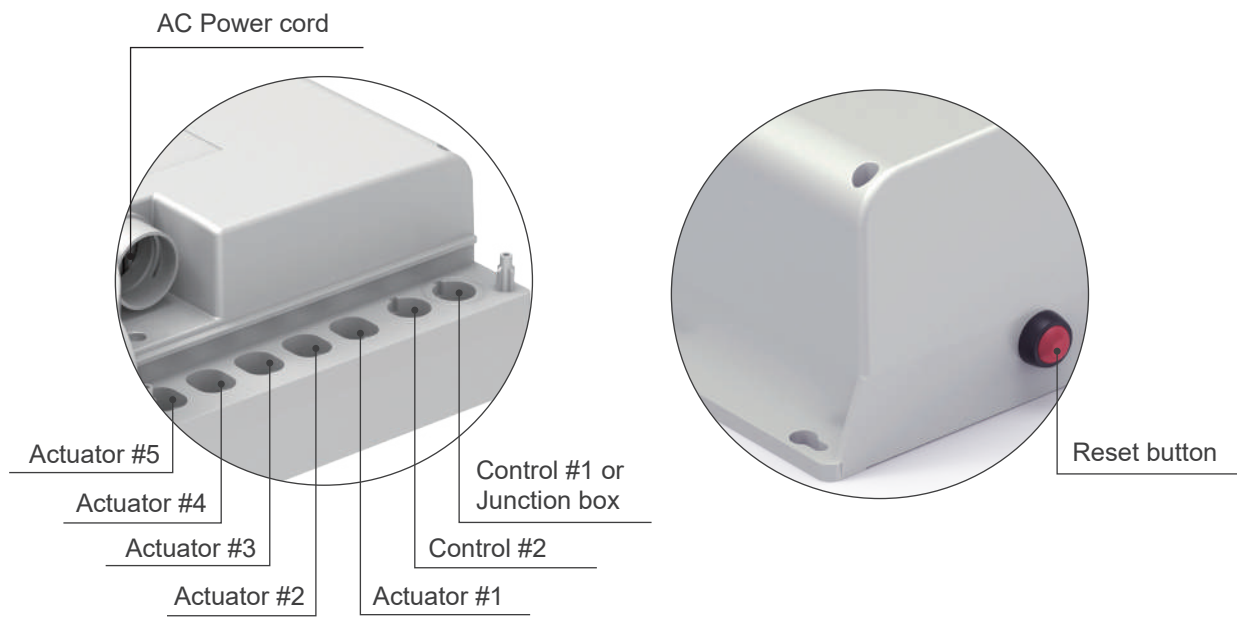
- With lead-acid batteries (1.3Ah )

Dimensions

Unit: mm



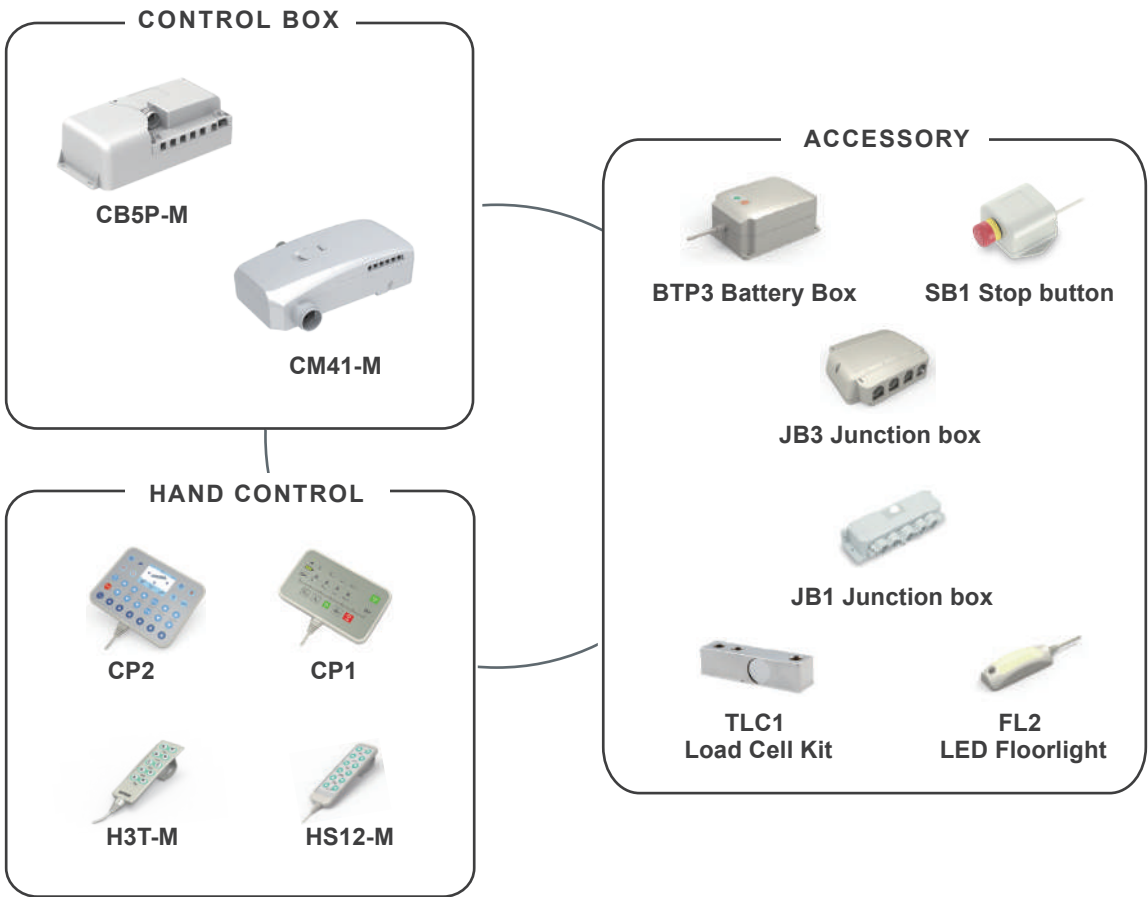
I/O Introduction



# Compatibility

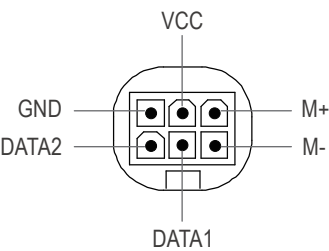
Product	Model	Compatible requirement
Actuator	MK31, MK31-QR, MD60, MD66, MD21, MD82	• Moteck LR-type minifit 6-pin plug
Lifting Column	DLC1, DLC2	• Moteck LR-type minifit 6-pin plug
Hand control	H3T-M, HS12-M, CP1, CP2	• Moteck V-type 7-pin DIN plug
Junction box	JB1, JB3	
Stop button	SB1	• Moteck LS-type minifit 6-pin plug

- Moteck Bus family



# Socket

- Actuator, Lifting Column socket

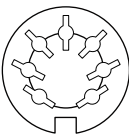


LR-type minifit 6-pin socket



LR-type

- Hand Control, Accessory socket

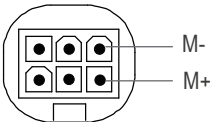


V-type 7-pin DIN socket



V-type

- Stop button socket

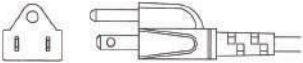
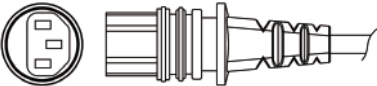
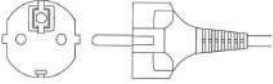
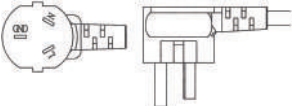


LS-type 6-pin minifit socket



LS-type

# AC Power Cord

Plug type	Note
US 3-pin plug 	<div>• AC power cord length: 3000mm straight</div> 
CEE 7/7(VDE 3P) plug 	
CHINA CCC 3-pin plug 	

# Ordering Key

CB5P - M A - 32 D - 1 3 0 0 5 3

Function	A: Standard version
Output voltage	32: 32V DC
Power supply	D: Internal SMPS, 32V DC/8A
Number of control	1: 1 control 2: 2 controls
Number of actuators	3: 3 actuators 4: 4 actuators 5: 5 actuators
Reserved	0: No meaning
Battery	0: None B: Including Lead-acid batteries (1.3AH/12V DC x 2)
IP Protection level	5: IPX5
AC Power cord length	3: 3000mm straight 0: Without AC Power cord