

Control Box CF12S

CF12S control box is programmed to drive 4 actuators synchronously. With internal SMPS, CF12S features lightweight and compact dimension for convenient installation. CF12S is ideal for furniture application especially it is compatible with mainstream products of Moteck actuators and handsets.

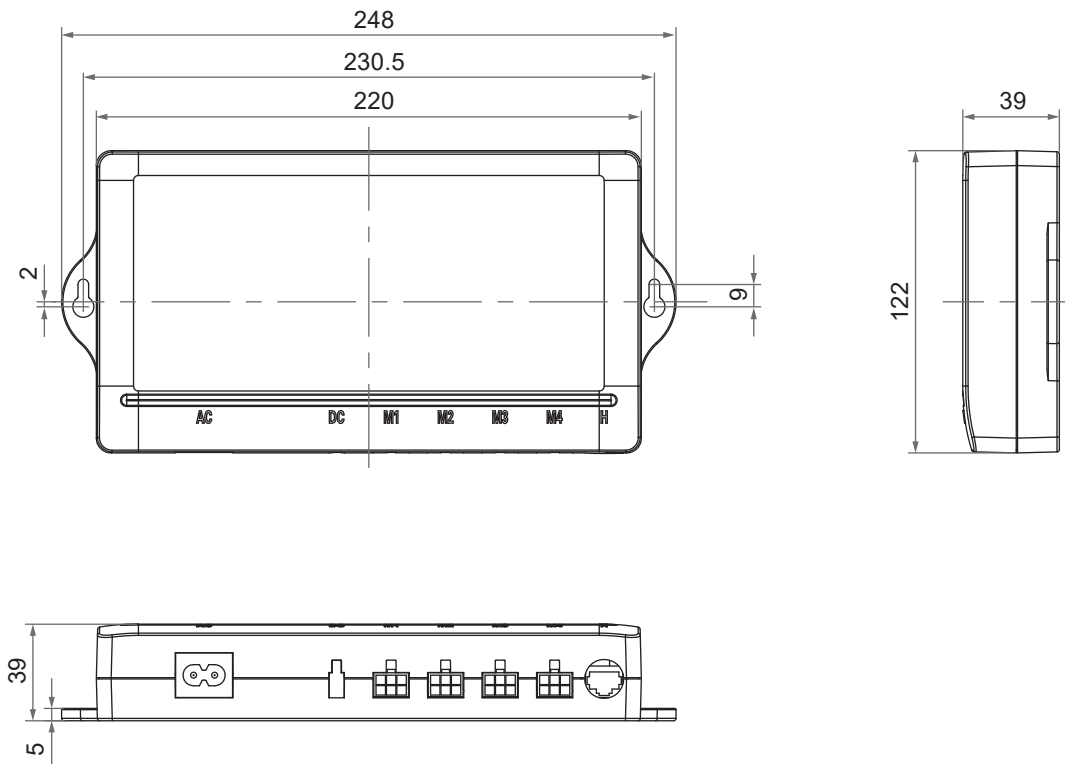


Features

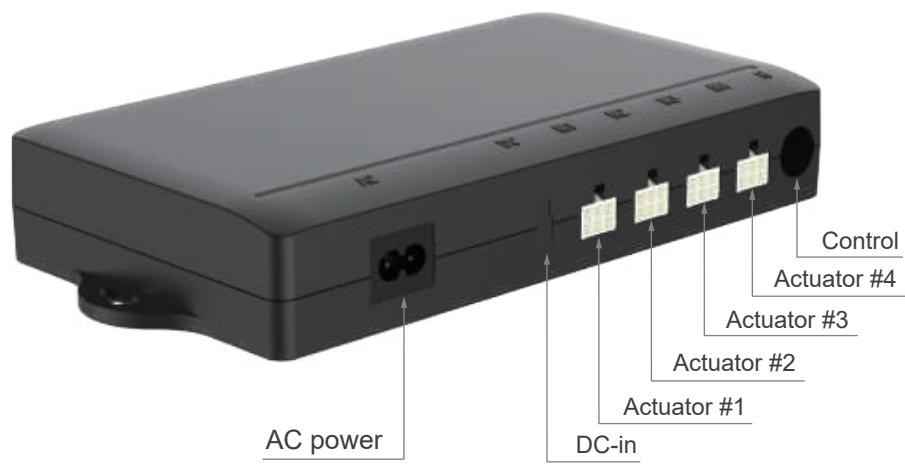
- Main applications: Furniture
- Input voltage: 100 ~ 240V AC, 50/60Hz (SMPS)
- Output voltage: 32V DC
- Power supply: Internal SMPS, 32V/4A
- Max. number of actuators: 4 channels (synchronization)
- Max. number of controls: 1 channel
- Position memory function
- Soft start / stop function
- Duty cycle: 10%, max. 2 min. continuous operation in 20 min.
- IP Level: IP20
- Protection class: Class II
- Color: Black
- Power cord length: 3000mm, straight

Dimensions

Unit: mm



I/O Introduction



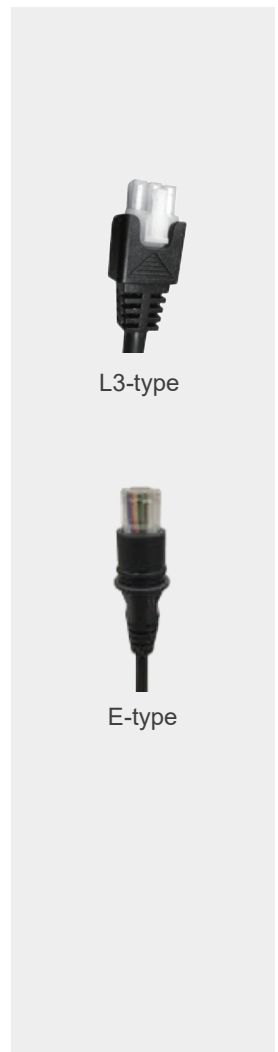
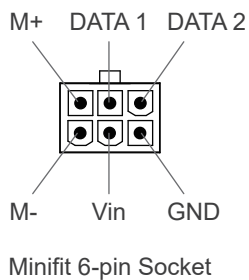
Compatibility

Product	Model	Compatible requirement
Actuator	BD61, FD10, FD20, FD40, FD60, FD61, GD70, LD3, LD20, LD36, MD10, MD21	<ul style="list-style-type: none"> - With dual Hall effect sensors - With Moteck L3-type minifit 6-pin plug
Hand control	HM, HT, HTF	<ul style="list-style-type: none"> - Moteck P2 control category - With Moteck E-type RJ 10-pin plug

Socket

Actuator socket for L3-type minifit 6-pin plug

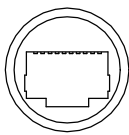
- Connect Pin (M+) to "+" & Pin (M-) to "-" of DC power, the actuator will extend.



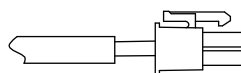
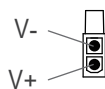
L3-type

E-type

Hand control socket for E-type RJ 10-pin plug



DC-in socket for minifit 2-pin plug



Operating Guide

● Auto Stroke Learning

After installing the entire system correctly, you need to perform Auto Stroke Learning before you start using it. Please follow the steps below (Take HM 2-key hand control as an example).

Step 1: Make sure that the power supply is connected and there are no obstacles in the moving path of the actuator.

Step 2: The Hand control presses “ UP ” and “ DOWN ” buttons at the same time for 3 seconds to start automatic learning. The actuator will automatically move to the lowest position, move to the highest position, and then return to the lowest position to complete automatic learning.

Remarks: If the process of system learning is interrupted, you need to perform auto learning again.

● Operation

1. Press and hold “ UP ” button to extend 4 actuators synchronously.
2. Press and hold “ DOWN ” button to retract 4 actuators synchronously.
3. The actuator stops while button is released.



Ordering Key

		CF12	S	32	C	4	C3
Function version	S: Function version S						
Output voltage	32: 32V DC						
Power supply	C: Internal SMPS, 32V DC/4A (128W)						
Number of actuators	4: 4 channels (synchronization)						
Plug	A2: US plug, 2000mm straight A3: US plug, 3000mm straight C2: EU plug, 2000mm straight C3: EU plug, 3000mm straight G3: UK plug, 3000mm straight V3: CEE 7/17 plug, 3000mm straight 00: Without AC Power cord						

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