

Control Box CS2

CS2 is a compact control box which is able to drive up to 4 actuators. It is designed to be compatible with wide range of Moteck actuators and hand controls. External switching mode power supply (SMPS) is used to power CS2. There are several models of SMPS available to choose.



Feature

- Main applications: Furniture
- Input voltage: 29V DC (external power supply)
- Output voltage: 29V DC
- Max. number of actuators: 4 channels
- Max. current: 3A per channel
- Max. number of hand controls: 1 channel
- Support joint-movement function
- With anti-pull clip
- Duty cycle: 10%, max. 2 min. continuous operation in 20 min.
- IP Protection level: IP42
- Color: Black
- DC power cord: 1000 mm, straight, DIN 41529 plug
- Ambient operation temperature: +5°C ~ +40°C

Option

- Mounting plate: to fix on flat surface with screws (Fig. 1)
- Fixed on FD60 actuator with plastic adapter and screw (Fig. 2, 3)



Fig. 1

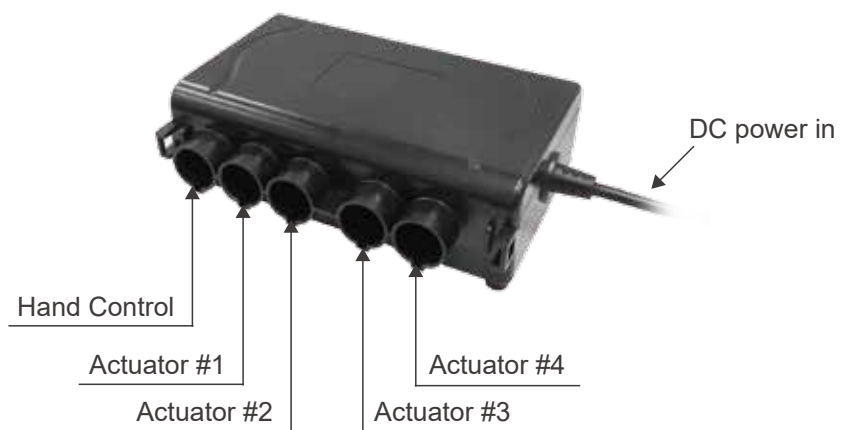


Fig. 2



Fig. 3

I/O Introduction



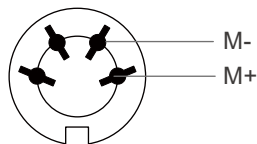
Power adapter:
R-type plug

Compatibility

Product	Model	Compatible requirement
Actuator	BD61, BD62, FD20, FD40, FD60, FD61, GD70, LD3, LD3L, MK45, MK33	<ul style="list-style-type: none"> • Without positioning feedback sensors • With Moteck F-type DIN plug
Hand control	HC, HD, HF, HI, HJ, HK, HM, H3NT	<ul style="list-style-type: none"> • Moteck P1 control category • With Moteck F-type DIN plug
Wireless option	TXA, TBA	<ul style="list-style-type: none"> • Moteck P1 control category • With Moteck F-type DIN plug
Power adapter	TSW1, TSW2, TSW3	<ul style="list-style-type: none"> • With female connector for Moteck R-type DIN 41529 plug

Socket

- Actuator socket



4-pin DIN socket

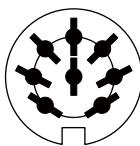


F-type

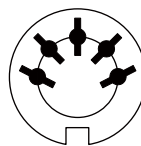
Remarks:

Connect M+ to “+” & M- to “-” of DC power, the actuator will extend.

- Hand control socket



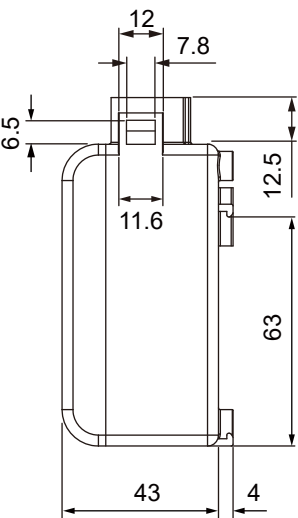
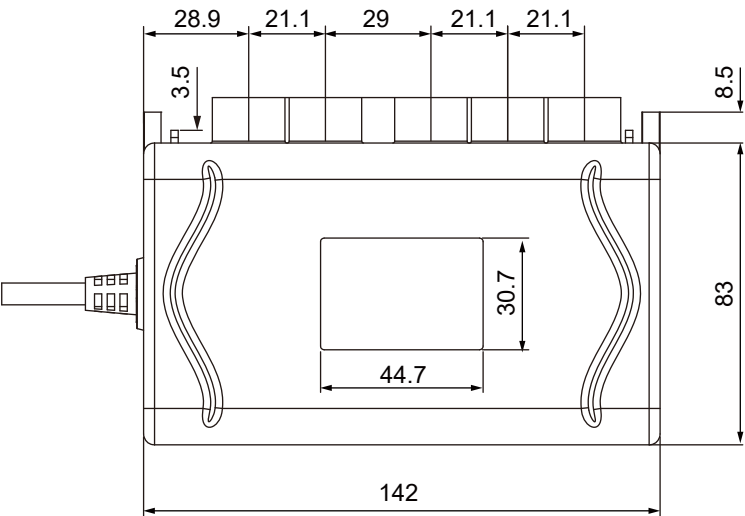
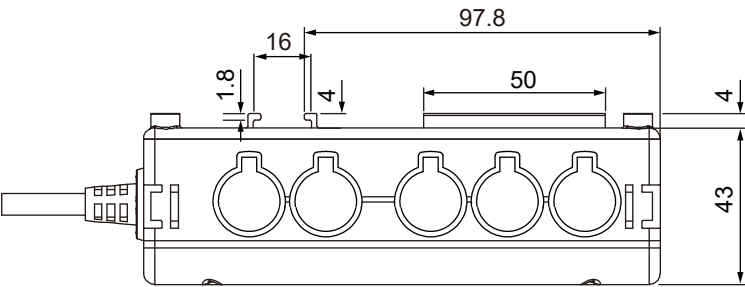
8-pin DIN socket



5-pin DIN socket

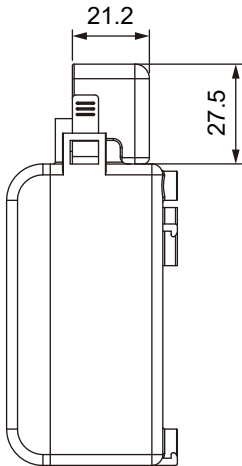
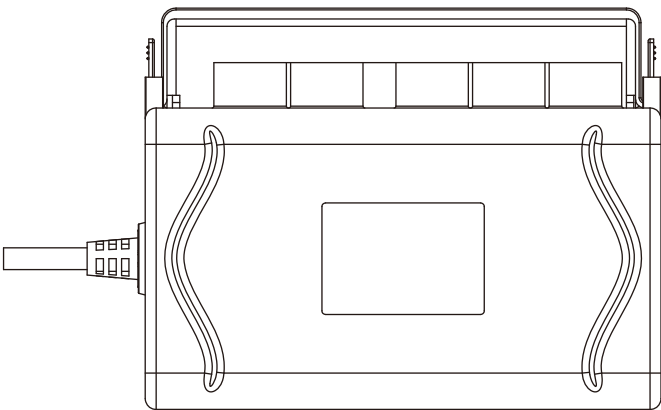
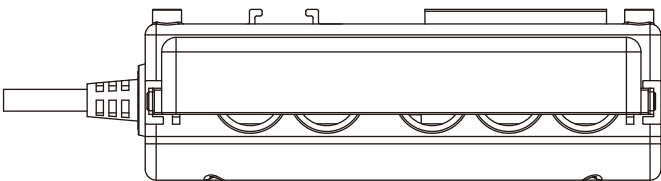
Dimensions

- CS2



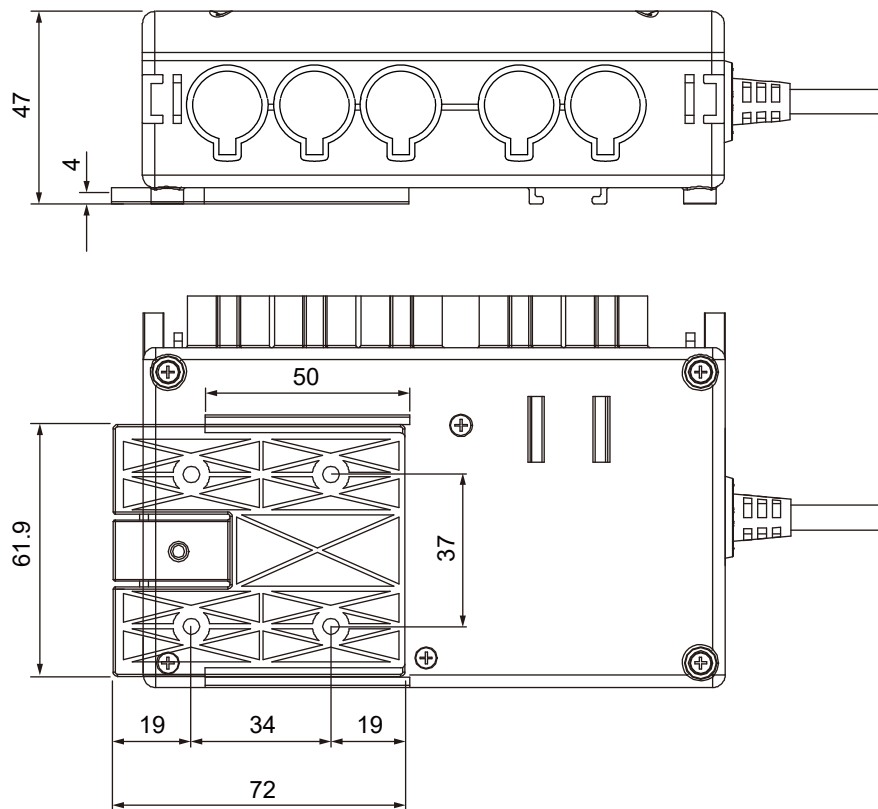
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- Assembly with anti-pull clip

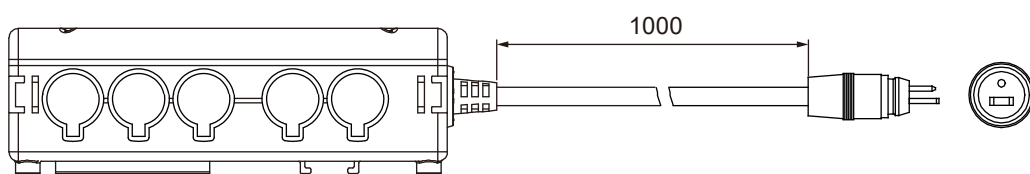


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- Assembly with mounting plate



- DC power cord: 1000 mm, straight, R-type DIN 41529 plug



Ordering Key

CS2 - 0 - 4 - 0 B 0 - 1

Positioning Feedback	0 : Without positioning feedback sensors
Number of actuator	2 : 2 actuators 3 : 3 actuators 4 : 4 actuators
Mounting	0 : Fixed on FD60 actuator (plastic adapter included) 1 : Fixed on flat surface (mounting plate included)
Color	B : Black 1 : Light gray RAL 7001
Reserved	0
DC Power cord	1 : 1000 mm, straight, DIN41529 plug

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