

Control Box

CBT2

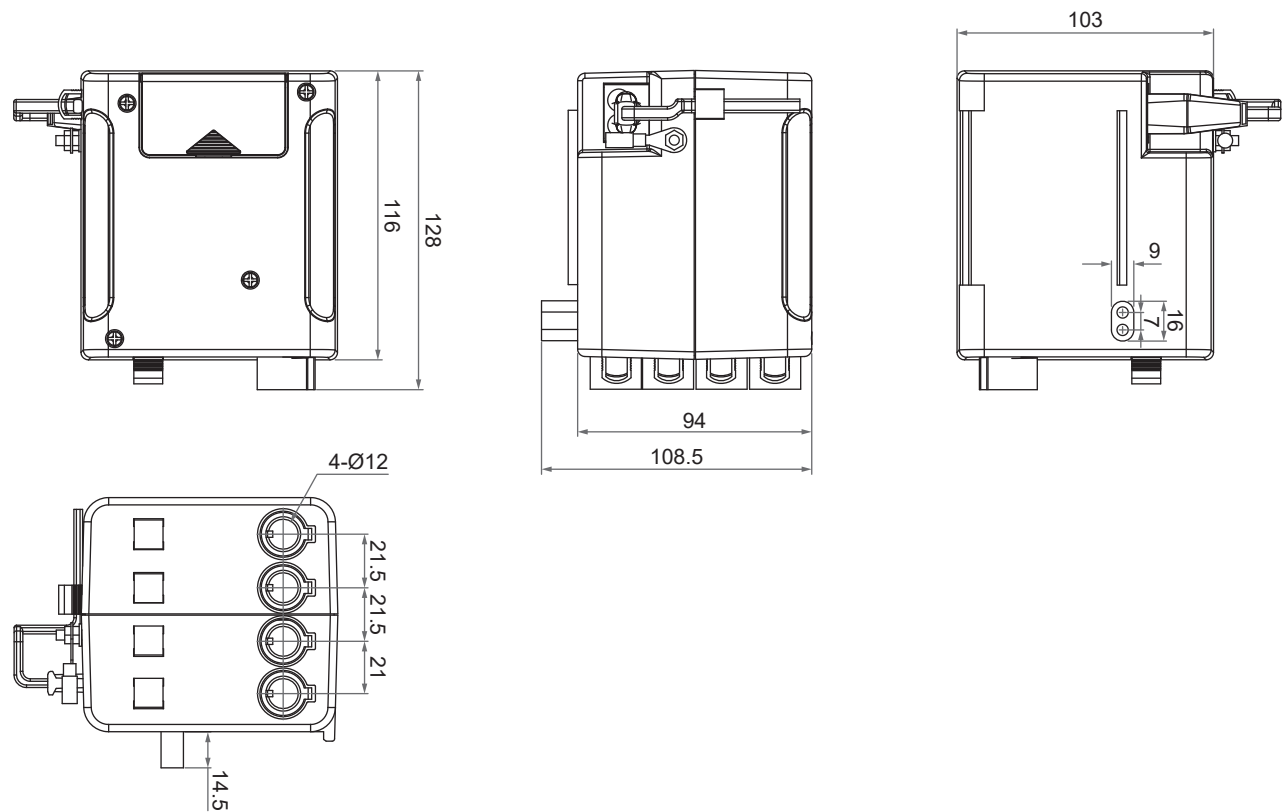
CBT2 control box features a detachable power cord design, which can respond more flexibly to various cord lengths and plug types.



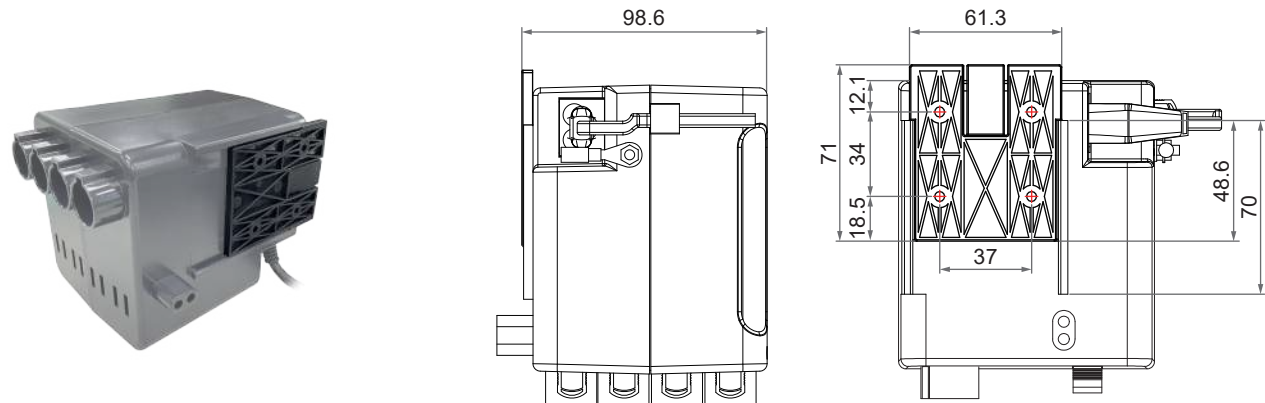
Features

- Main applications: Furniture, Home care
- Input: 100 / 120 / 230V AC (EI transformer), 100 ~ 240V AC, 50/60Hz (SMPS)
- Output voltage: 24V DC (EI transformer), 29V DC (SMPS)
- Output rated current: 3.0A (per channel)
- Max. number of actuators: 3 channels
- Max. number of controls: 1 channel
- Duty cycle: 10%, max. 2 min. continuous operation in 20 min.
- Over-current protection function
- Emergency lowering against power outage, to retract actuators with 9V batteries (not included)
- Color: Black, grey RAL 7001
- Electric shock protection level: Class I, Class II
- 2-Pin / 3-Pin Detachable AC Power cord: 2000mm
- Mounting: Attached to FD60 actuator or assembly with mounting plate to fix the wall (refer to Dimensions)
- Certified: CE Marking, EMC Directive 2014/30/EU (for CBT2-IS2 only). EN 62233, FCC, RoHS

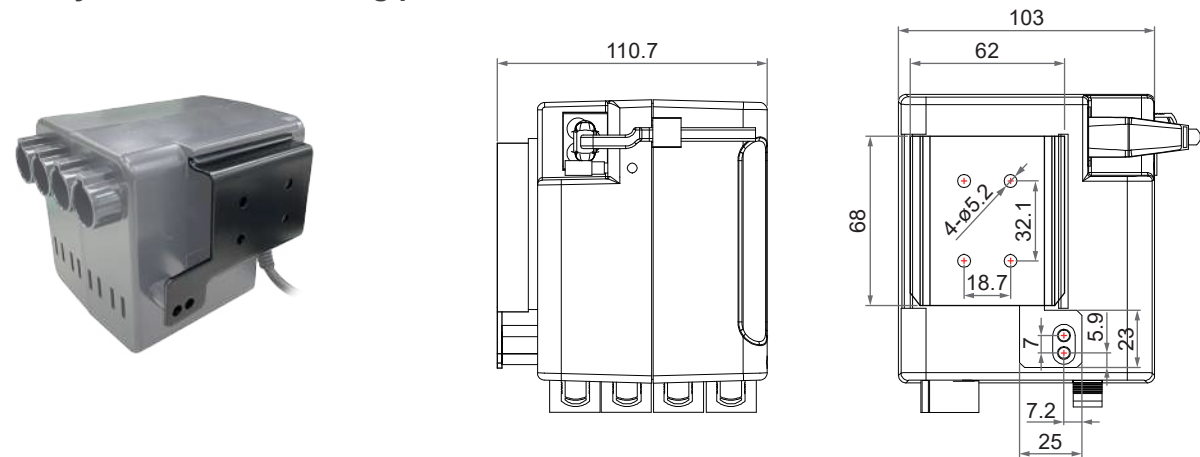
Dimensions



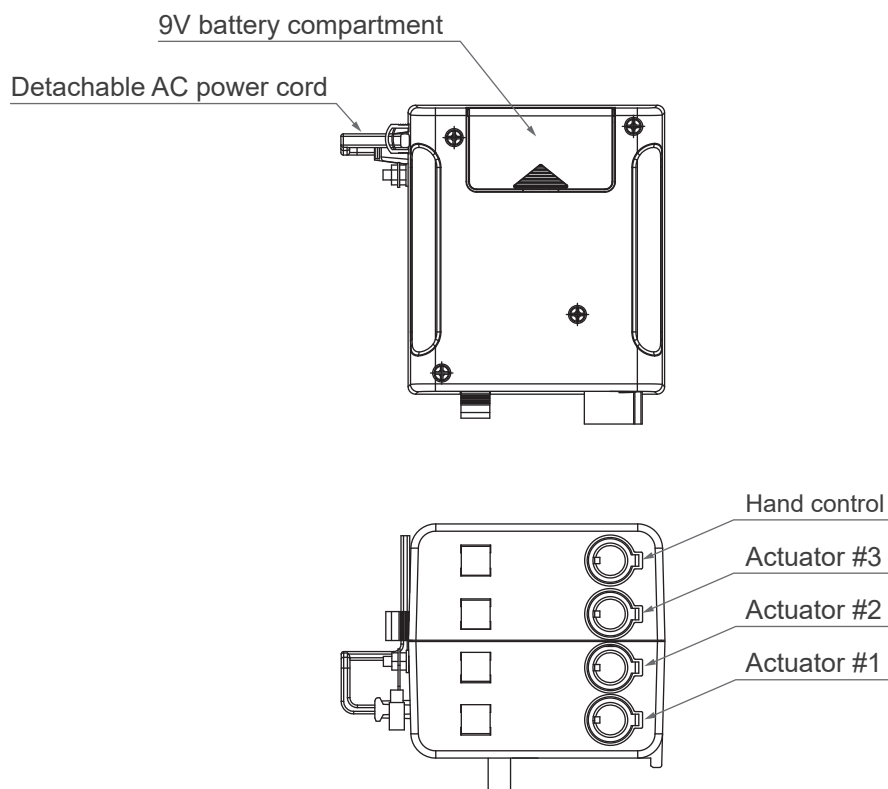
● Assembly with plastic mounting plate



● Assembly with metal mounting plate



I/O Introduction

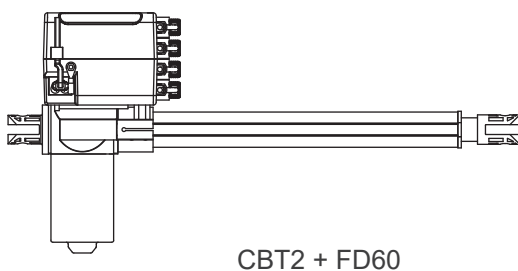


Compatibility

Product	Model	Compatible requirement
Actuator	BD61, BD62, FD40, FD60*, FD61, GD70	<ul style="list-style-type: none">• Without positioning sensors• With Moteck F-type DIN plug
Hand control	DKP4, DP05, DP11, HDU, HR, HD, HJ, HM, H2N, H2Z	<ul style="list-style-type: none">• Moteck P1 control category• With Moteck F-type DIN plug
Wireless option	TXA 2.4GHz RF adapter	<ul style="list-style-type: none">• Moteck P1 control category• With Moteck F-type DIN plug

*** Remarks:**

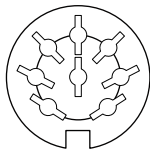
CBT2 control box can be attached on FD60 actuator.



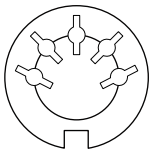
Socket

Hand control socket for Moteck F-type DIN plug

- 3 drives model
- 1 drive model / 2 drives model

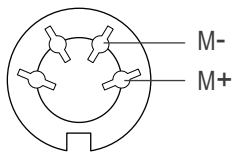


8-pin socket



5-pin socket

Actuator socket for Moteck F-type DIN plug



4-pin socket

Note: Connect M+ to “Vdc +” & M- to “Vdc -“ of DC power to extend the motor.
Switch the polarity of DC input to retract it.



F-type plug

Ordering Key

CBT2 - 230 - 24 - 3 - 0 B 0 - 2 2	
Input	100: 100V AC 120: 120V AC 230: 230V AC IS2: Internal SMPS (100~240V AC)
Output voltage	24: 24V DC 29: 29V DC (SMPS)
Number of actuators	1: 1 channel 2: 2 channels 3: 3 channels
Mounting	0: Attached to FD60 actuator (standard) 1: Assembly with plastic mounting plate 2: Assembly with metal mounting plate
Color	B: Black (standard) 1: Grey RAL 7001
Reserved	0
Inlet power socket type	2: Inlet 2-Pin Power socket (IEC 60320 C8 type), electrical protection Class II 3: Inlet 3-Pin Power socket (IEC 60320 C6 type), electrical protection Class I
Power cord	2: 2000mm straight (standard) 3: 3000mm straight 0: None



For more information about operating guide, refer to the respective product data sheets of the control devices connected.

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