

Control Box MD7C

The outline of MD7C is specially designed to be hooked up on MD7 actuator as an integrated set, which is suitable for medical and homecare applications.

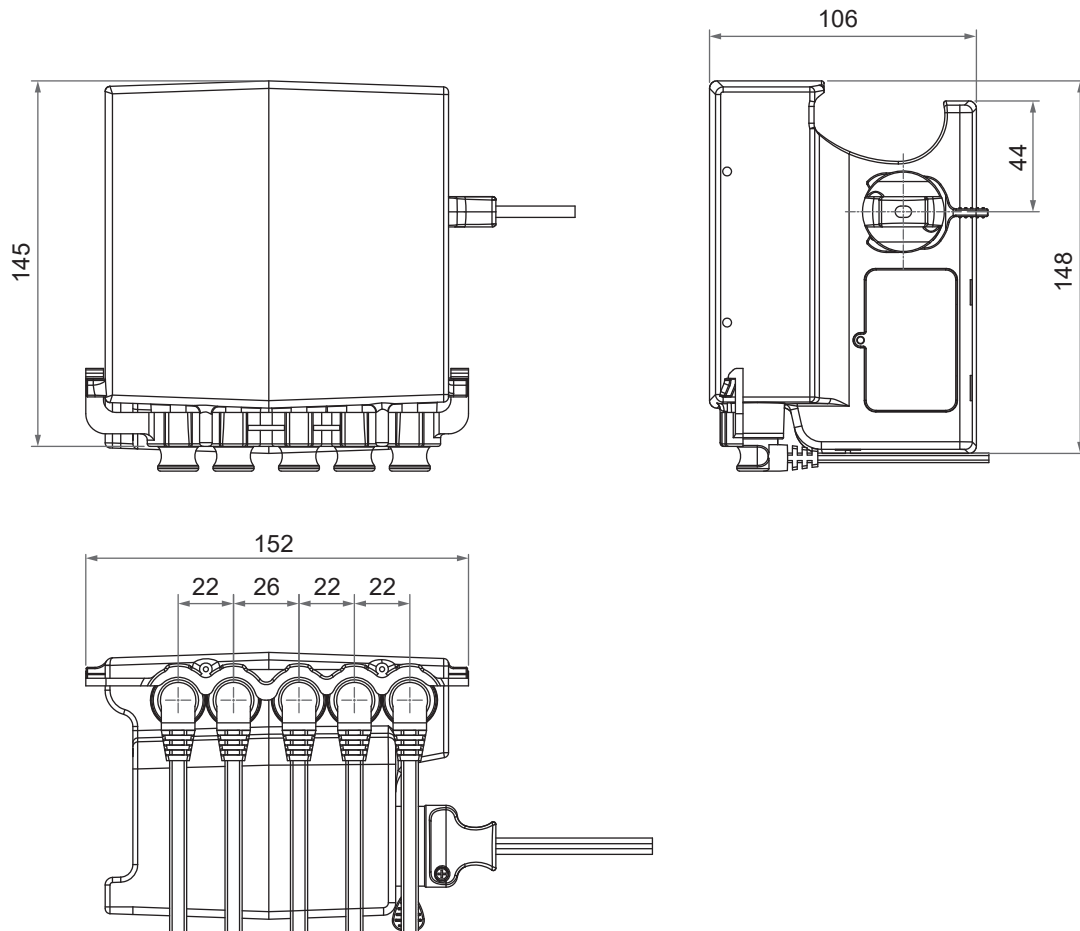


Features and Option

- Main applications: Homecare, medical
- Input voltage: 100V AC / 120V AC / 230V AC
- Output voltage: 24V DC
- Output rated current: 3.0A per channel
- Power supply: 24V EI transformer
- Max. number of actuators: 4 channels
- Max. number of controls: 2 channels
- Duty cycle: 10%, max. 2 min. continuous operation in 20 min.
- Over-current protection function
- IP Protection level: IPX4
- Electric shock protection level: Class I
- Color: Light gray RAL 7035
- Emergency lowering against power outage, to retract actuators with 9V batteries (not included)
- Power cord: 3-Pin detachable AC power cord, 3000 mm straight
- Certified: CE Marking, IEC 60601-1-2, IEC 61000-3-2, IEC 61000-3-3, IEC 61000-4-2, IEC 61000-4-3, IEC 61000-4-4, IEC 61000-4-5, IEC 61000-4-6, IEC 61000-4-8, IEC 61000-4-11
- IPX5 option

Dimensions

Unit: mm



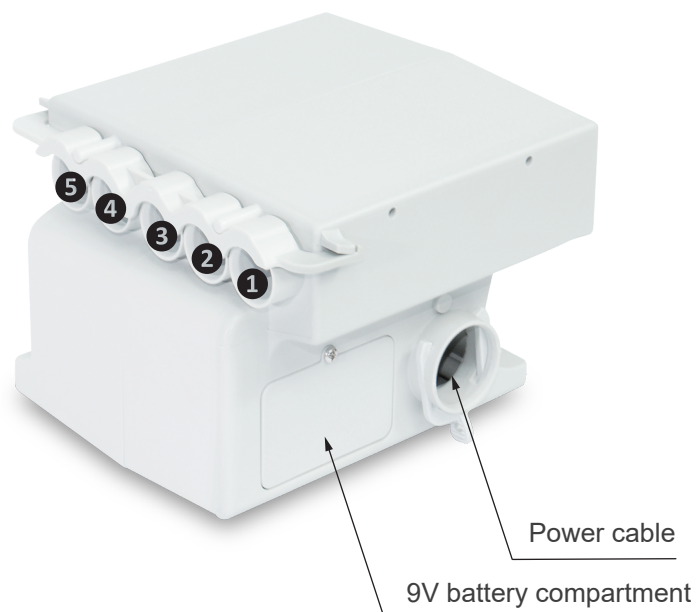
I/O Introduction

• 2-to-3 model

- ① Control #1
- ② Control #2
- ③ Actuator #1
- ④ Actuator #2
- ⑤ Actuator #3

• 1-to-4 model

- ① Control #1
- ② Actuator #1
- ③ Actuator #2
- ④ Actuator #3
- ⑤ Actuator #4



Compatibility

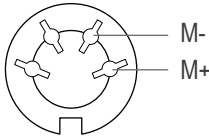
Product	Model	Compatible requirement
Actuator	MD10, MD21, MD66, MD7*, LD3	- Without positioning feedback sensors - With Moteck V-type or H-type DIN plug
Control	HS12, HC, HF, HT, FS1, FS2, H3F, H3T, H2D	- Moteck P1 control category - With Moteck V-type or H-type DIN plug
Accessory	SB1	- With Moteck V-type or H-type DIN plug

Remarks:
 * MD7C can be attached to MD7 actuator.



Socket

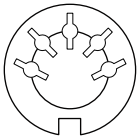
● Actuator socket for V-type or H-type DIN plug



4-pin DIN socket

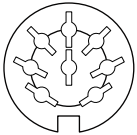
● Control socket for V-type or H-type DIN plug

- 1 or 2 drives model



5-pin DIN socket

- 3 or 4 drives model



8-pin DIN socket



V-type

H-type

Ordering Key

		MD7C-					230	-	24	-	1	-	4	-	X5
Input voltage	100: 100V AC 120: 120V AC 230: 230V AC														
Output voltage	24: 24V DC														
Number of control	1: 1 channel 2: 2 channels														
Number of actuator	1: 1 channel 2: 2 channels 3: 3 channels 4: 4 channels														
Option	Blank: None X5: IPX5 Protection level														

Terms of Use

The user is responsible for application suitability of Moteck products. As ongoing improvement process continues, products listed on the Moteck website are subject to change without prior notice. Moteck reserves the right to terminate the sales or remove any product displayed on the website, or listed in its catalogues.