

## 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.



### Feature

- Main applications: Homecare, medical
- Input voltage: 100V AC / 120V AC / 230V AC
- Output voltage: 24V DC
- Max. current: 3A 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.
- IP Protection level: IPX4
- Protection class: Class I
- Color: Light gray RAL 7035
- Emergency lowering against power outage, to retract actuators with 9V batteries (not included)
- Power cord length: 3000 mm
- Certified: CE Marking, Medical Devices Directive 93/42/EEC

### Option

- IP Protection level: IPX5



## Compatibility

Product	Model	Compatible requirement
Actuator	MD21, MD66, MD7*	Without positioning feedback sensors With Moteck V-type or H-type DIN plug
Control	HC, HF, HT, FS1, FS2 H3F, H3N, H3T	Moteck P1 control category With Moteck V-type or H-type DIN plug

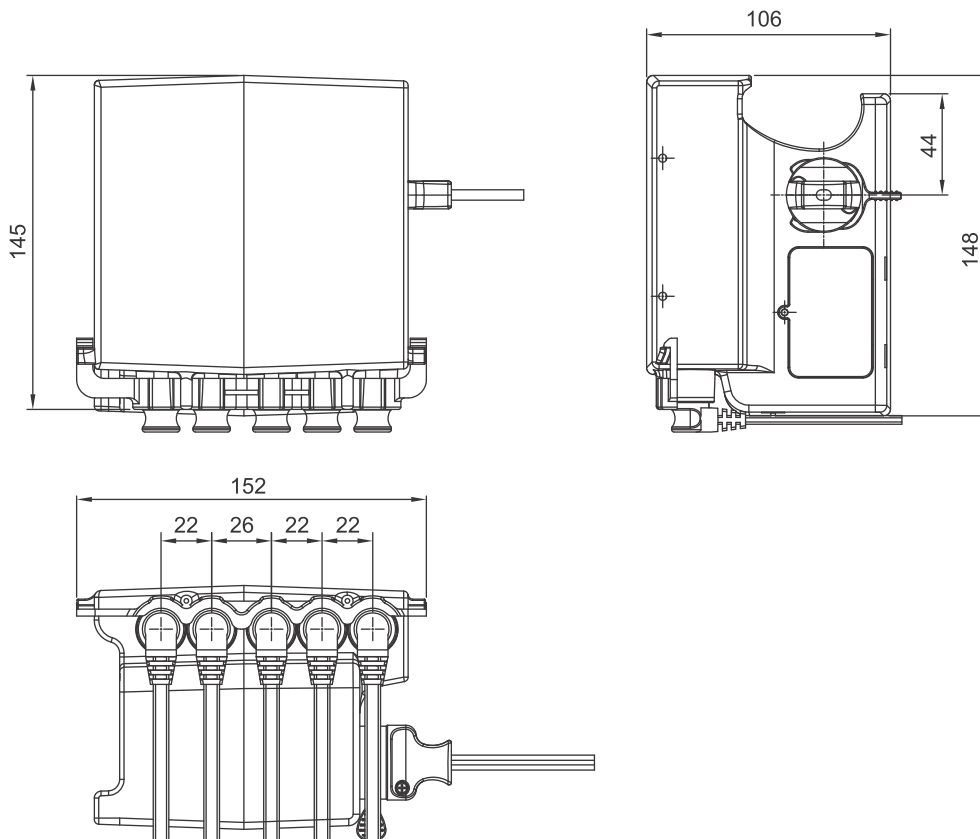
**\*Remarks:**

MD7C control box can be attached to MD7 actuator.



MD7+MD7C

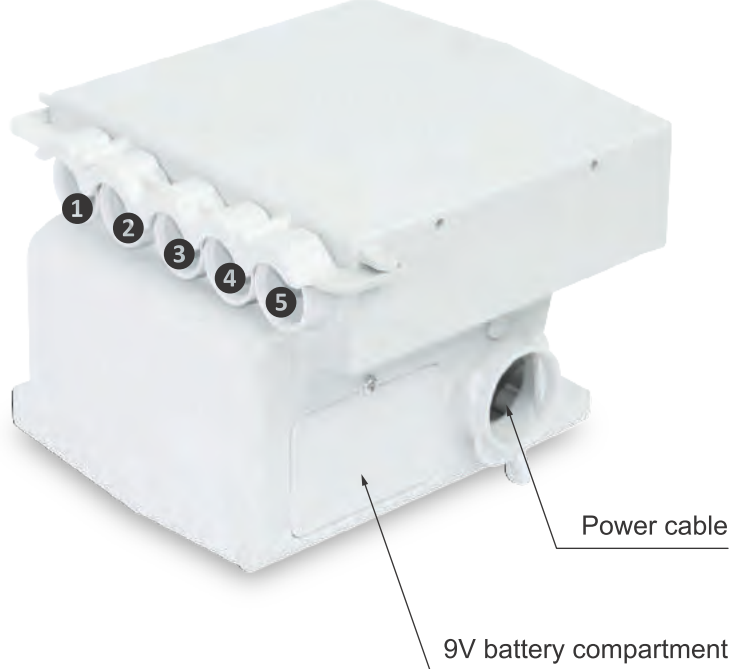
## Dimensions



## 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

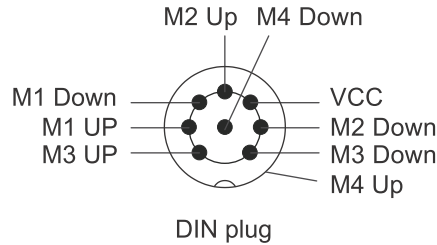
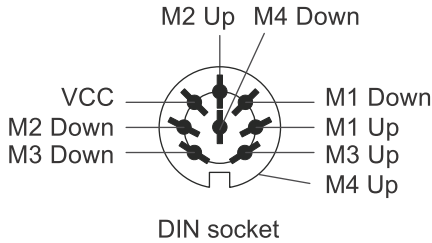
- 1 Control #1
- 2 Actuator #1
- 3 Actuator #2
- 4 Actuator #3
- 5 Actuator #4



## Socket

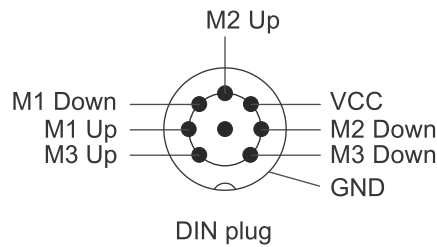
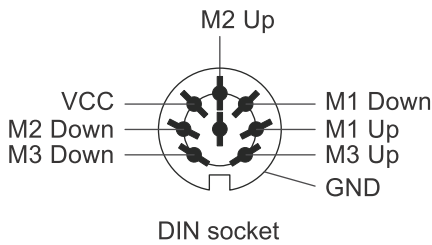
### Control socket for V-type or H-type DIN plug

#### 4 drives model



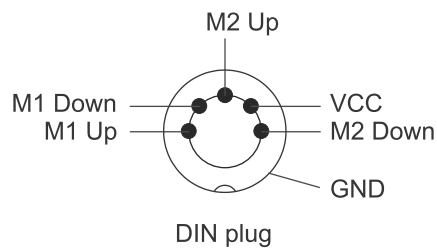
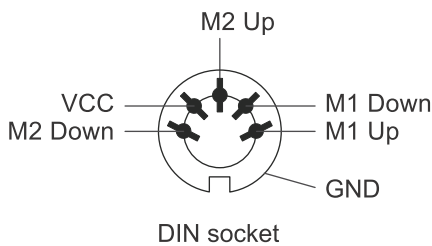
V-type

#### 3 drives model

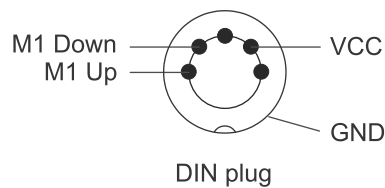
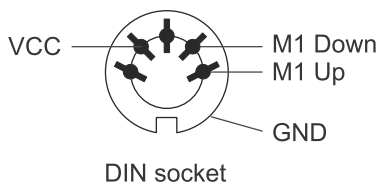


H-type

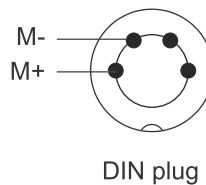
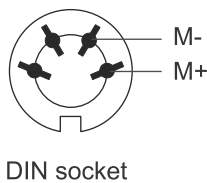
#### 2 drives model



#### 1 drive model



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



#### Note:

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



## 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

