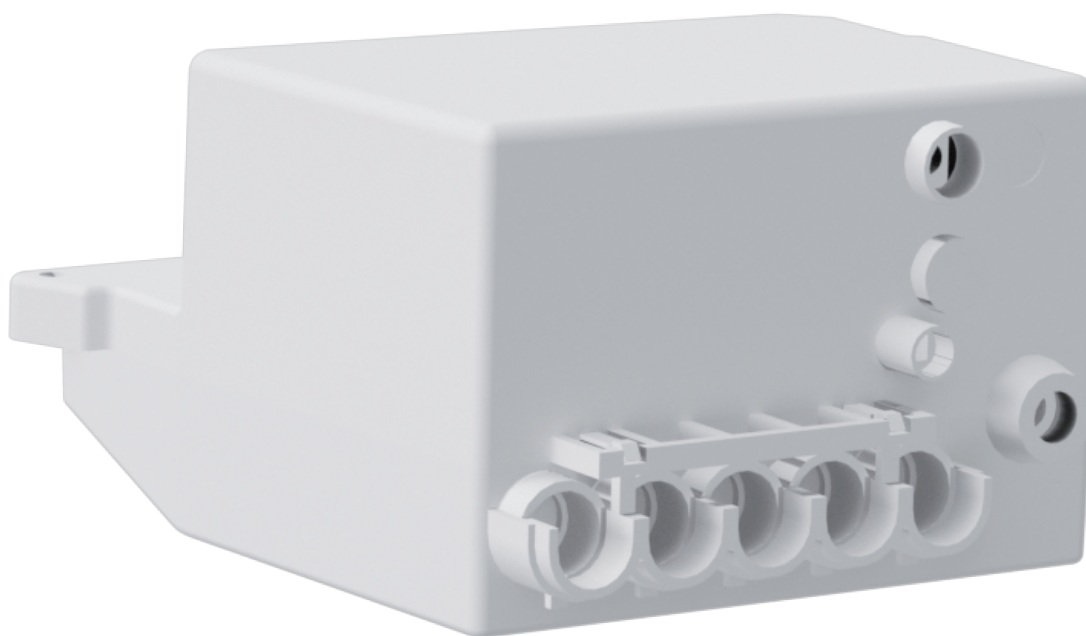


CONTROLLER RD-D398

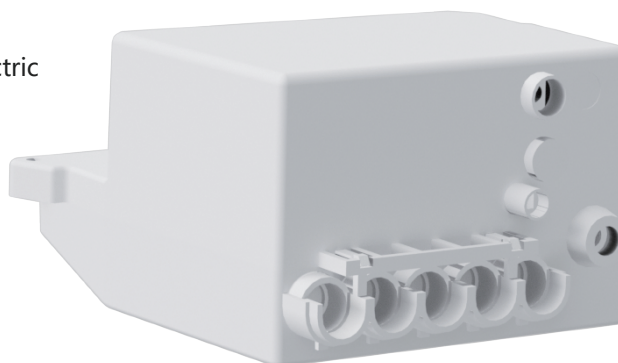


Product Specification

CONTROLLER RD-D398

Product characteristics

- The RD-D398 can control 1-4 sets of electric push rods, which can be synchronized with different circuit boards.



Product characteristics

- Working voltage: 110V / 220V / 240V AC , 50HZ
- Output voltage: 29V DC
- Power: 100/150W
- Protection grade: IP54
- Power indicator: Yes
- Push rod interface: maximum 4 channels, 4-pin motor direct plug
- Manual controller interface: 1 channel, 8-pin direct plug
or 1 channel, 10-pin direct plug
- Standby power consumption: up to 1W (230V)
- Control concept: relay, service life more than 20000 cycles
- Working duty cycle: 2/18min @ 25 °C; On/off continuous use
- Push rod compatibility: Regular push rod

With feedback push rod (with hall/reed tube)
Column (with microswitch inside)

- Maximum current: 10A in total for all channels
- Weight: about 0.5kg
- Operation: synchronous drive (with feedback/without feedback (optional))
- Battery management: the battery power can be turned off at low voltage, and there is charge and discharge management inside the battery
- Power management: voltage management can ensure maximum power operation and limit maximum output power
- Safety system: switching power supply thermal protection, over-current protection
- Installation: compatible with push rod with special installation connection; Bed frame (through screws)

Use

- Duty cycle: 10%; Use it continuously for 2 minutes and rest for 18 minutes
- Operating temperature: 5-40 °C
- Storage temperature: - 5-45 °C
- Relative humidity: 20% - 90% at 30 °C, non condensing
- Atmospheric pressure: 700-1060 hPa
- Altitude: up to 2000m

Authentication

- EN60601-1/EN60601-1-2& ROHS2.0

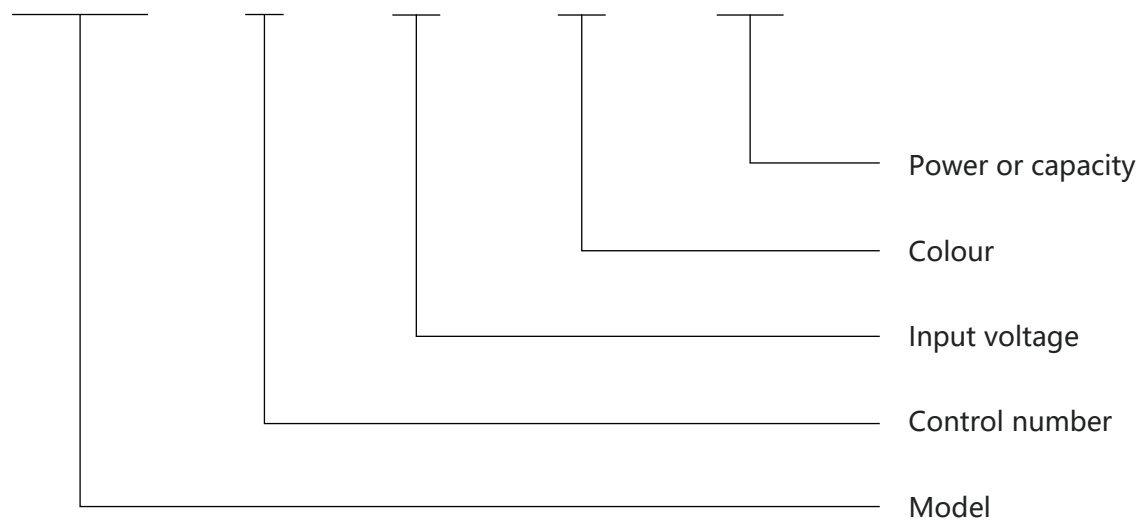
Example Naming Rules

Model	RD-D398	
Control number	4	1=1channel 2=2channels 3=3channels 4=4channels
Input voltage	2	1=110V 2=220V 3=240V
Colour	G	G=Grey B=Black
Power or capacity	100	100=100W 150=150W

RD-D398 - **4** - **2** - **G** - **100**

示 例

RD-D398 - 1 - 3 - G - 100

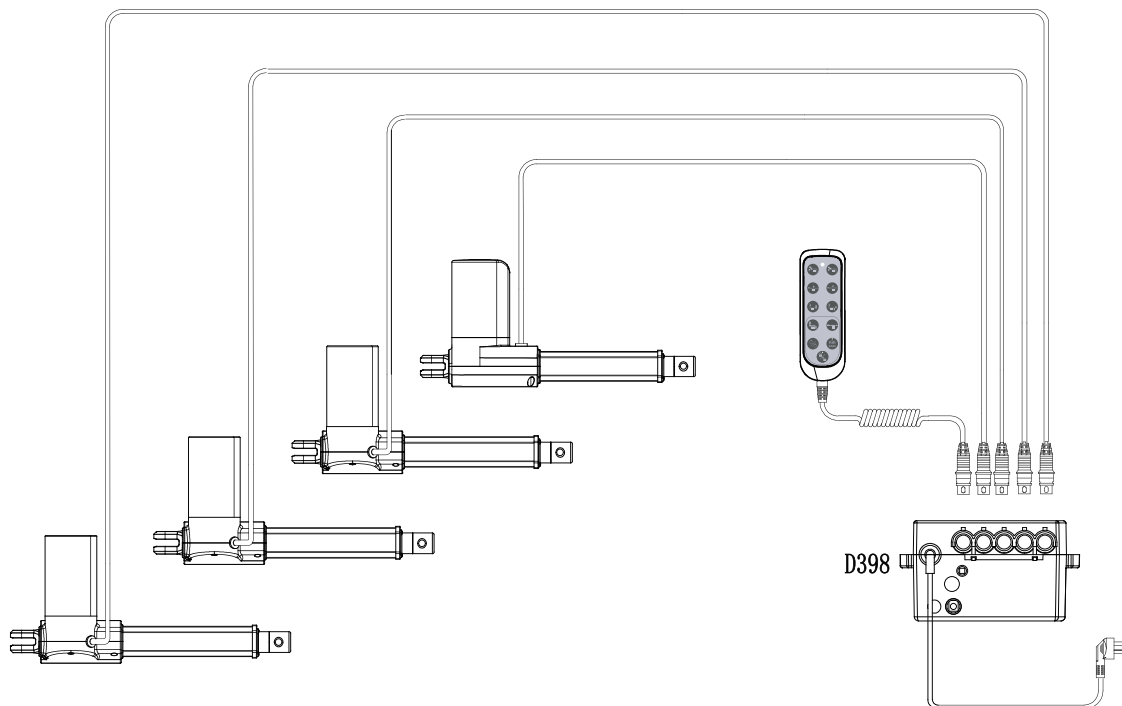


Operation mode:

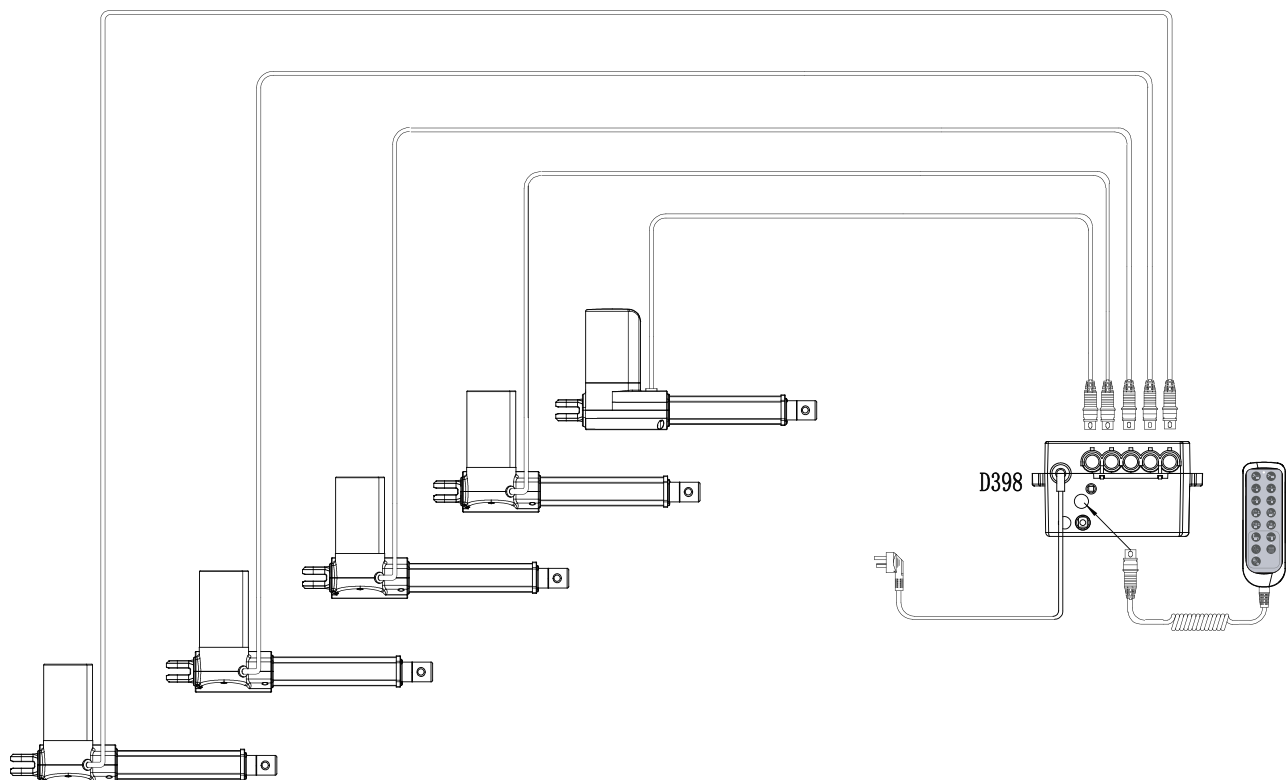
1. Manual control
2. Foot control
3. Manual control+foot control (quantity optional)

(For details, please contact Runda)

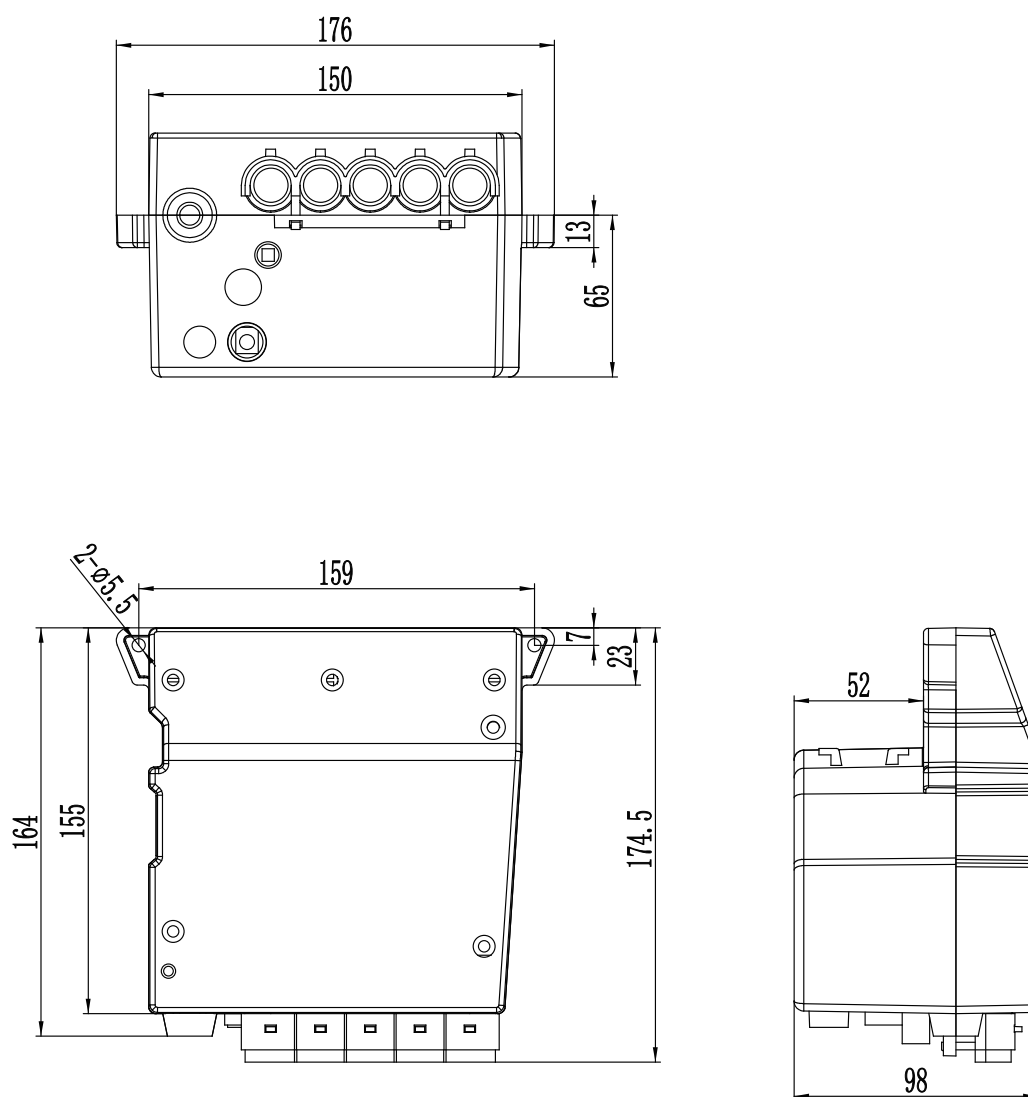
RD-D398: Overview of one control four system



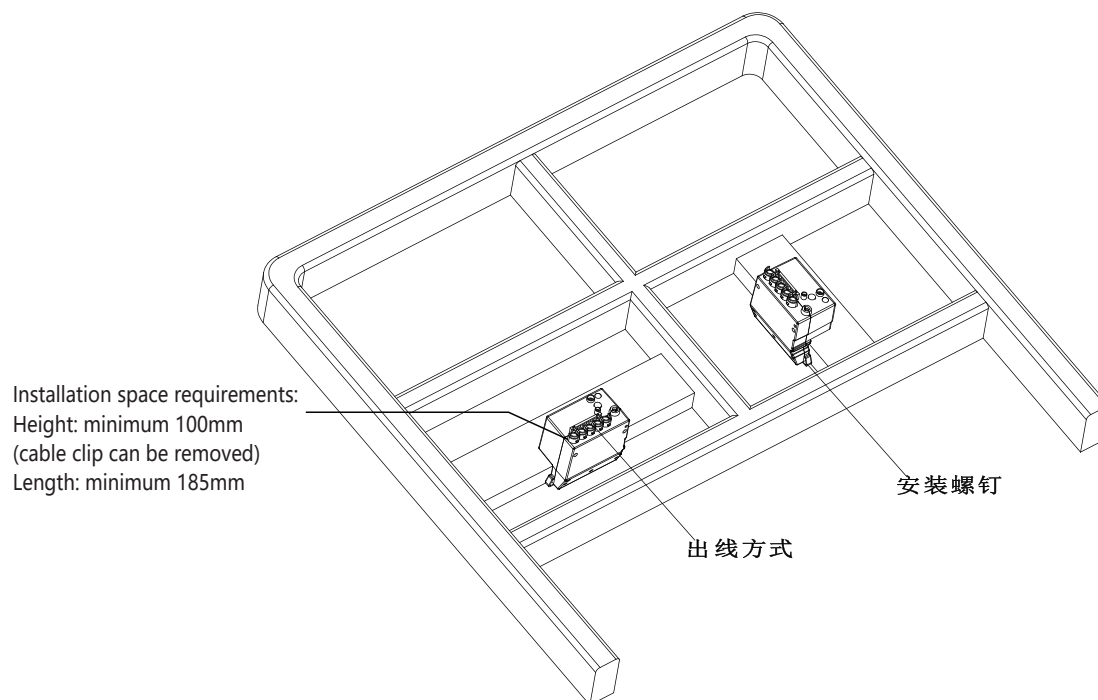
RD-D398: Overview of one control five system



Outline dimension drawing



RD-D398 mounted on the frame



It is recommended that the RD-D398 be installed where it can drain.

Recommended torque: 0.6Nm+/- 0.1

You can install the controller on the bed frame or any other application by following one of the following installation procedures:

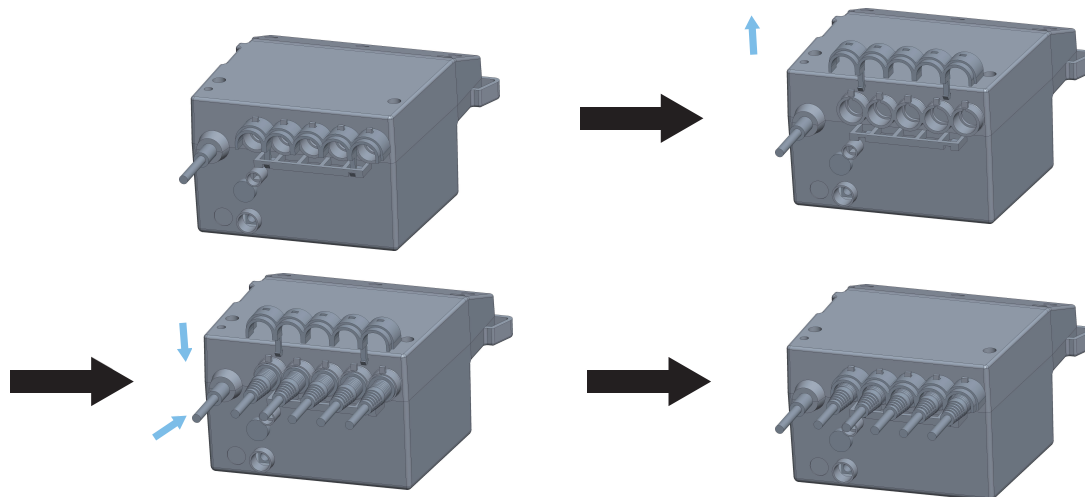
- 1) Place the M5 nut on the exposed hole of the mounting block, and fix the mounting block with M5 bolt from the rear side.
- 2) Fix the mounting block with M5 machine screws with flat washers (install a nut on the back of the mounting block)
- 3) Fix the mounting block to the frame with tapping screws.

Cable locking and management:

Push rod cable locking

The controller RD-D398 comes with a cable line card of unique design. When the cable clip is closed, it is equivalent to an integrated pushrod cable lock.

1. Install the cable plug into the control box
2. Close the cable clip until the clip is in place (see arrow)



LED indication:

The RD-D398 has a green LED power indicator.

The LED lights up (green) when RD-D398 is successfully connected to the main power grid. In other cases, the LED is off.

Service conditions:

Users must determine the applicability of Runda products under specific conditions. Runda is committed to providing accurate and up-to-date product information. However, due to the continuous improvement of Runda's products, Runda's products may be frequently changed without prior notice. Therefore, Runda cannot guarantee the correctness and authenticity of the product information. Although Runda will try its best to meet the order requirements, for the above reasons, Runda cannot guarantee the delivery of any specific product. Therefore, Runda reserves the right to stop selling any products listed in the website or product catalog or other written materials of Runda. All sales activities must be carried out in accordance with the requirements of Runda's standard terms of sales and delivery. For copies of relevant documents, please contact Runda.