

Control Box CI10

CI10 has a rocker switch to operate the extension or retraction for one actuator; no additional hand control is required.



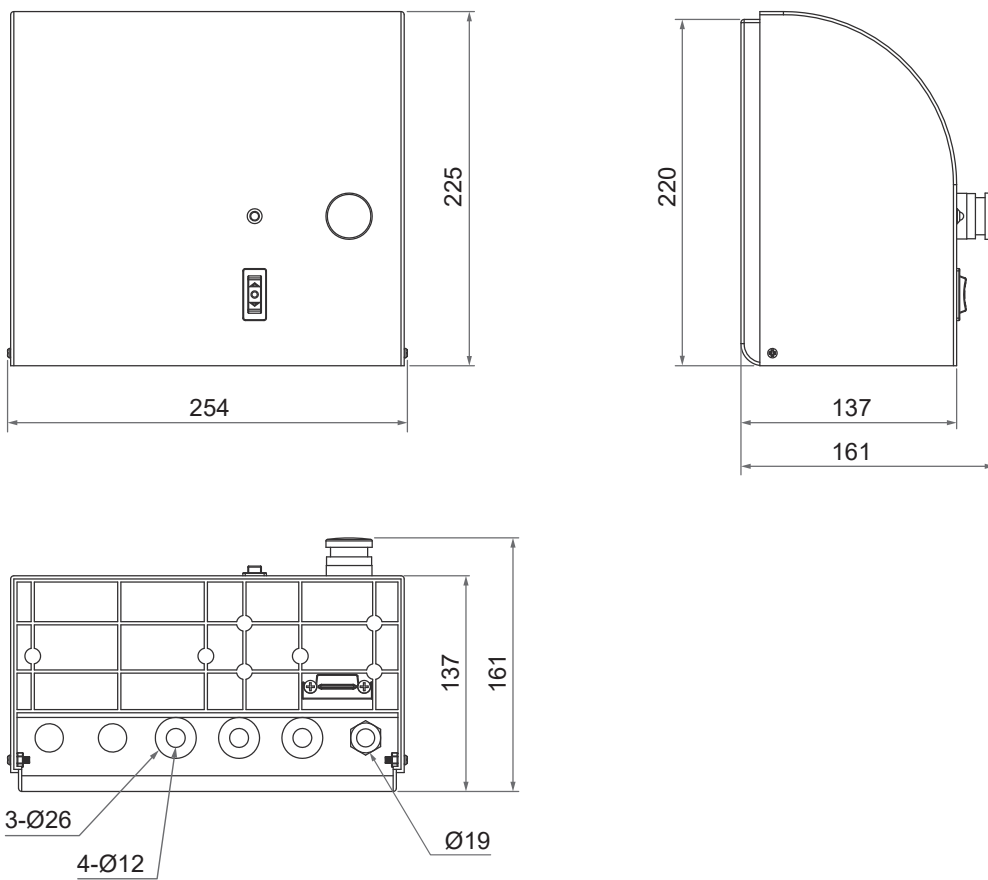
Features

- Main applications: Industrial automation
- Input voltage: 110V AC 60Hz / 230V AC 50Hz (adjustable by slide switch)
- Output voltage: 24V DC
- Overload protection: 10A max.
- Power supply: 216W (24V, 9A) toroidal transformer
- Max. number of actuators: 1 channel
- No need for hand control
- Emergency stop button
- Equipped with a three-way switch for extend / retract / stop movement which can revert original after releasing the button.
- LED power indicator
- Support external battery (24V)
- 2nd output for supplementary device: 24V DC @ 350mA max.
- Duty cycle: 10%, max. 2 min. continuous operation in 20 min.
- Color: Pantone 432U
- Power cord length: 3000mm

Compatibility

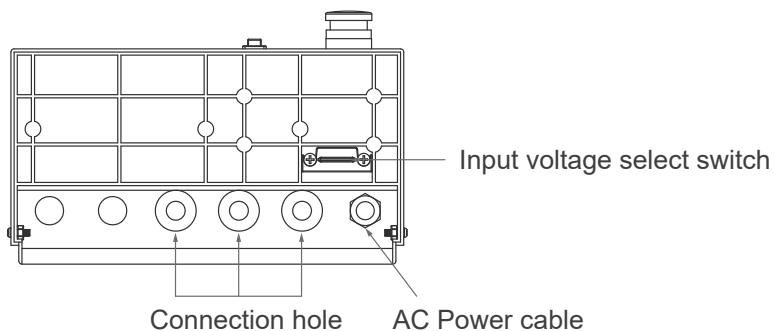
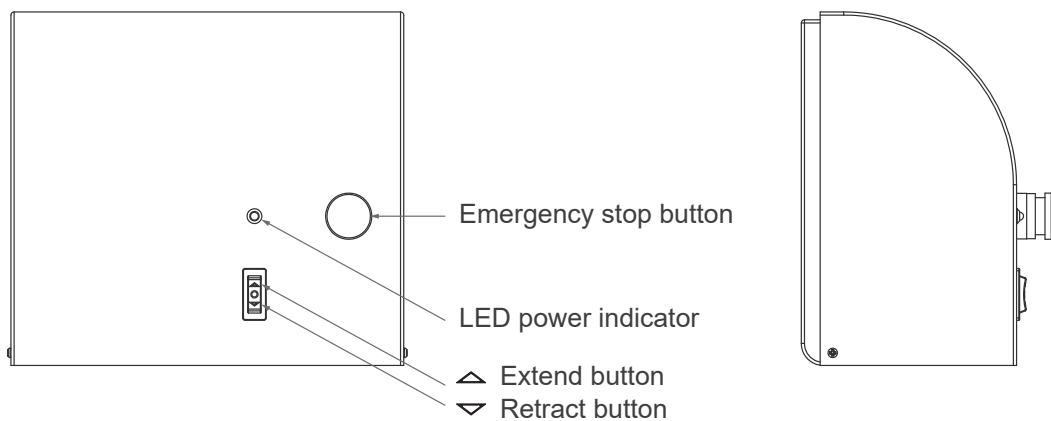
Product	Model	Compatible requirement
Actuator	ID10, ID10BT, ID11, ID12	<ul style="list-style-type: none"> • 24V motor • Max. current $\leq 10A$ • Duty cycle 10% • With limit switches option • Without positioning sensor

Dimensions



Unit: mm

I/O Introduction



Connection Guide

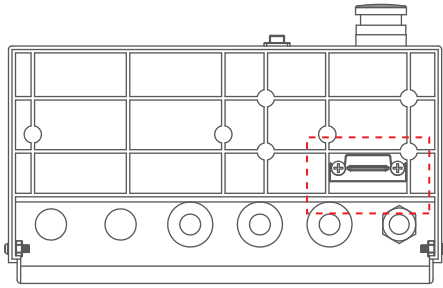
PCBA



Operating Guide

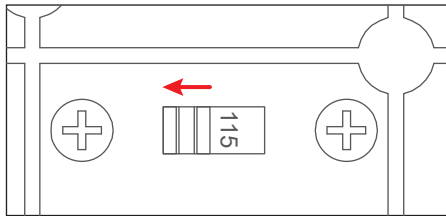
1. Adjust the DIP switch.

1.1 Remove the DIP switch cover.

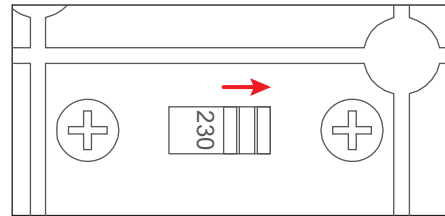


Loosen the screws and remove the cover by sliding it aside.

1.2 Adjust the DIP switch input voltage according to local voltage.



Switch to the left is AC 115V



Switch to the right is AC 230V

2. The actuator extends while you press the \blacktriangle button. It stops once the button is released.
3. The actuator retracts while you press the \blacktriangledown button. It stops once the button is released.
4. The actuator stops when reaching the upper limit. If you press the \blacktriangle button again, the relay will be activated but the actuator won't move.
5. The actuator stops when reaching the lower limit. If you press the \blacktriangledown button again, the relay will be activated but the actuator won't move.
6. When the current is over 10A, the overload protection will be activated and the actuator will stop. If you press either the \blacktriangle or \blacktriangledown button again, the actuator continues to move.
7. The LED lights up when the power is on.
8. When the emergency stop button is pressed, the actuator stops moving, and at the same time, the power and the backup power is cut off and the LED indicator is ON in this situation.

Ordering Key

CI10 - 230 - 24 - 1 - 1 - 2

Input voltage	110: 110V AC 230: 230V AC
Output voltage	24: 24V DC
Number of actuator	1: 1 channel
Power cord length	1: 3000mm
Power plug	2: CEE 7/16 EU plug 3: UK plug with 2-core wire without ground

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