

Control Box CIS1

CIS1 is designed for use of industrial application. It can drive 2 actuators synchronously and work with reed sensor or single Hall effect sensor.



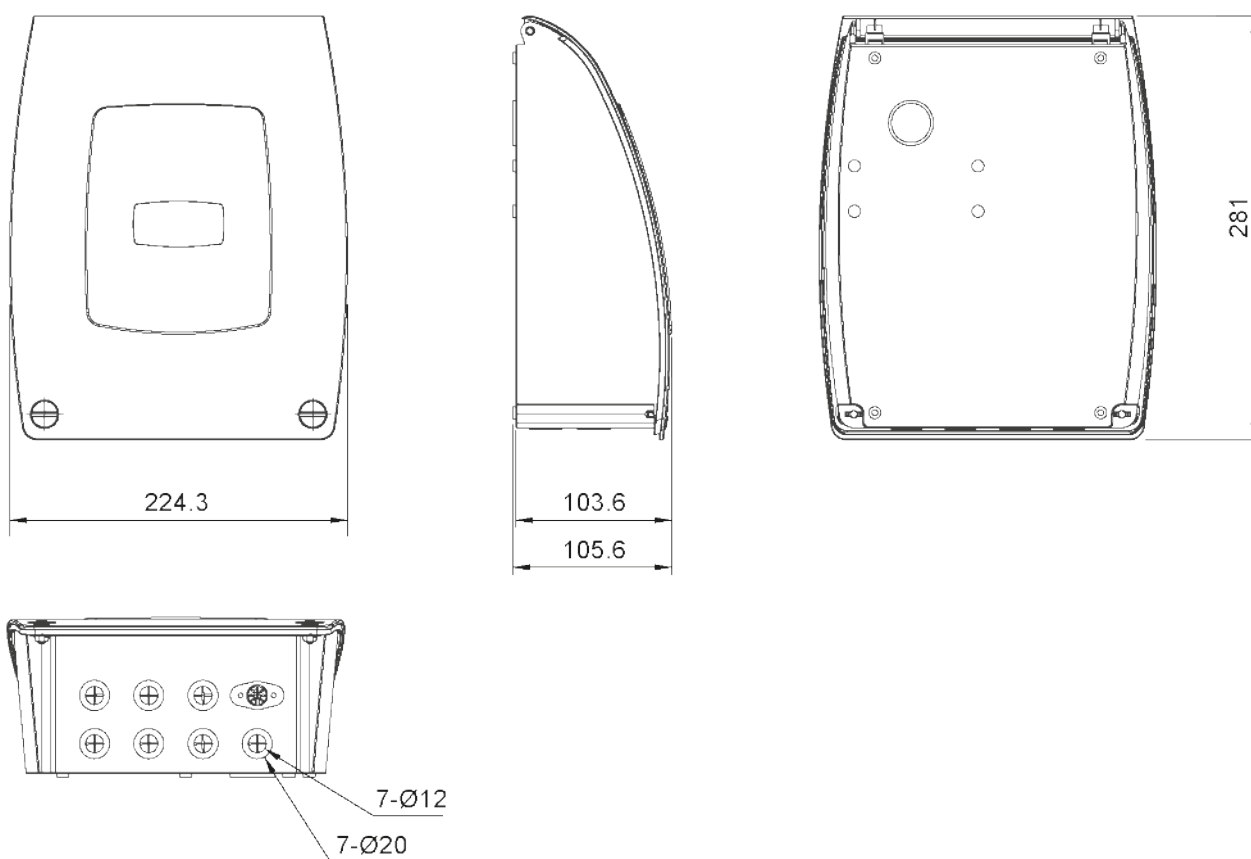
Features

- Main applications: Industrial automation
- Input voltage: 24V DC
- Output voltage: 24V DC
- Max. number of actuators: 2 channels
- Max. current: 7.5A per channel
- Synchronization for 2 actuators
- Work with reed sensor or single Hall effect sensor
- Memory function
- Duty cycle: 10%, max. 2 min. continuous operation in 20 min.
- Color: Pantone 431C

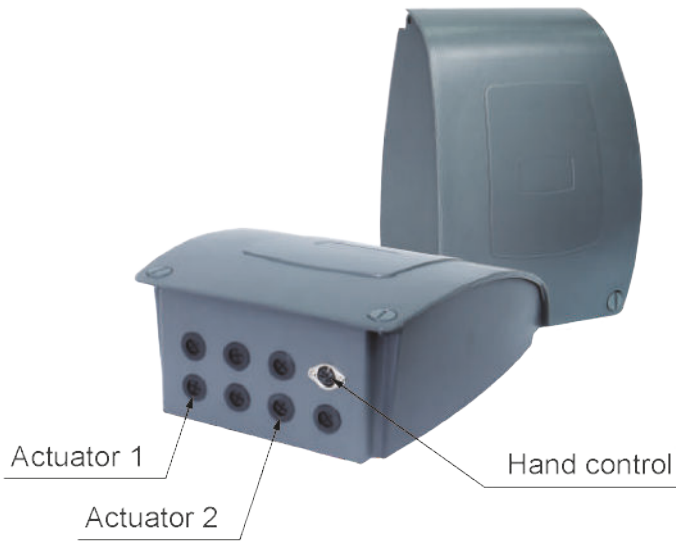
Compatibility

| Product | Model | Compatible requirement |
|--------------|-------------|--|
| Actuator | ID10, ID10S | - Positioning feedback with reed sensor or single Hall effect sensor |
| Hand control | HM6R | - Moteck P2 control category - 7-pin with Moteck F-type DIN plug |

Dimensions

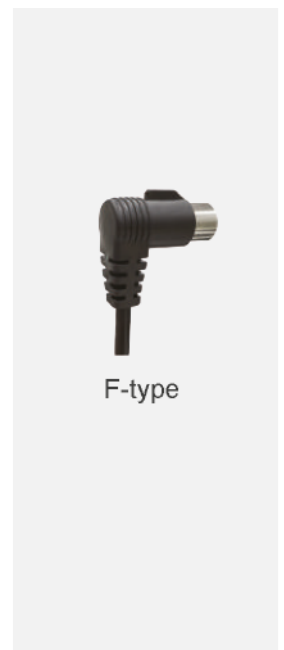
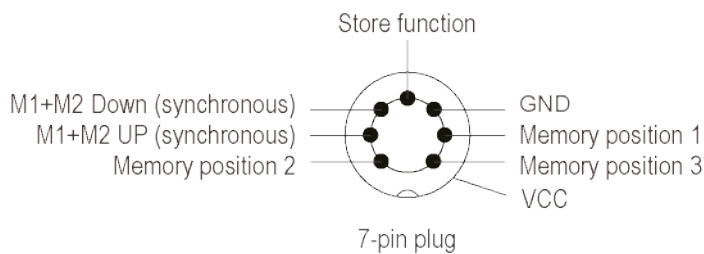
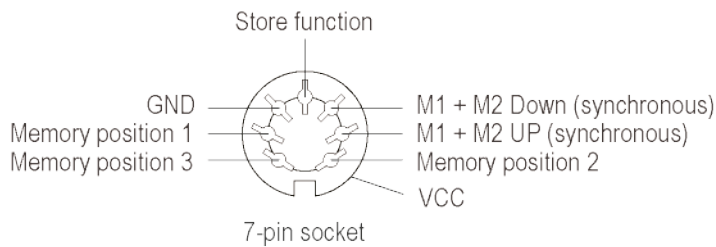


I/O Introduction



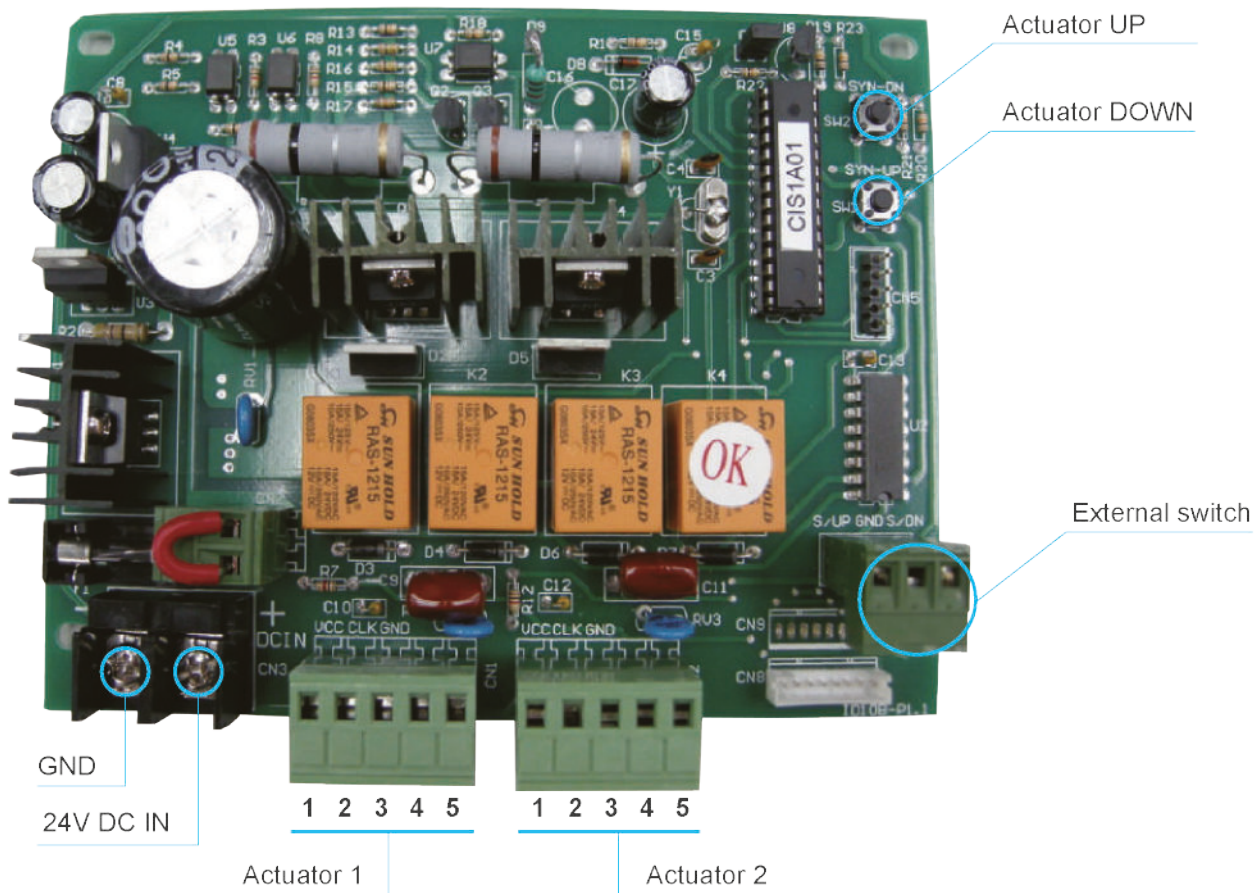
Socket

Hand control socket for Moteck F-type DIN plug - 2 drives model



Connection Diagram

PCBA



Actuator

- Reed sensor application

| Pin | Signal | | | Power | |
|------------|--------|------|-----|-------|----|
| | 1 | 2 | 3 | 4 | 5 |
| Definition | N/A | Data | GND | M- | M+ |



- Single Hall effect sensor application

| Pin | Signal | | | Power | |
|------------|--------|------|-----|-------|----|
| | 1 | 2 | 3 | 4 | 5 |
| Definition | VCC | Data | GND | M- | M+ |










Hand Control Operation Guide

> HM6R

▶ System learning through HM6R hand control:

Press  and  at the same time until the actuators start to move.
The learning is done after both actuators move to the fully retracted position.

▶ Function:

- ① Extend  both actuators synchronously.
- ② Retract  both actuators synchronously.
- ③ Press button  until LED indicator flashes slowly, and press button ,  or  to store the needed position. The LED will flash quickly to confirm the positions is stored.
- ④ Drive both actuators toward the stored position .
- ⑤ Drive both actuators toward the stored position .
- ⑥ Drive both actuators toward the stored position .



Ordering Key

| | | | | | | | |
|---------------------------|----------------|--|--|--------|----|----|---|
| | | | | CIS1 - | 24 | 24 | 2 |
| Input voltage | 24 : 24V DC | | | | | | |
| Output voltage | 24 : 24V DC | | | | | | |
| Number of actuator | 2 : 2 channels | | | | | | |

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