CRD
D E V I C E S

Control Box

CIS2

Features

◆ CIS2 is designed for use of industrial application. It can drive 2 actuators synchronously and work with signal of reed sensor or Hall Effect sensor.

◆ Main applications：industrial automation

◆ Input voltage：12V DC

◆ Output voltage：12V DC

◆ Max. current：10A @ 12V

◆ Overload protection current：12A (each actuator independently)

◆ Max. number of actuators this control box can drive：2

◆ Duty cycle：10% or 2 min continuous operation in 20 min.

◆ Color：Pantone 431C

◆ Memory function.

◆ Battery charging function (AC input or Solar input).

◆ 2 actuators can move synchronously or independently by setting with jumper.

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Options

◆ Battery charger

Compatibility

1. **Handset**
   HM6R, XM4H

2. **Actuator**
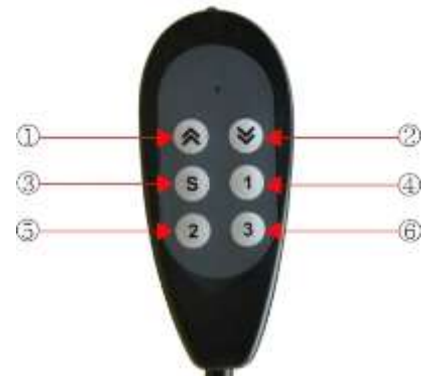   ID10

3. **Accessory**
   Battery pack (12V10Ah)

   Dimension: 195x150x115mm

Operational Function

HM6R handset function definition:

①. Extend 2 actuators synchronously.
②. Retract 2 actuators synchronously.
③. Press button S for 2 seconds until LED indicator flashes slowly, then press button 1, 2 or 3 to store the positions. The LED will flash quickly to confirm the positions have been stored.
④. Drive both actuators toward stored position1.
⑤. Drive both actuators toward stored position2.
⑥. Drive both actuators toward stored position3.

Standard HM6R handset PIN definition:

1 = Actuator extends   5 = Memory position 2
2 = Actuator retracts   6 = Memory position 3
3 = Store function   7 = VCC
4 = Memory position 1

XM4H remote handset function definition:

When CN1 opened by Jumper → Actuators move synchronously

A：2 actuators extend synchronously

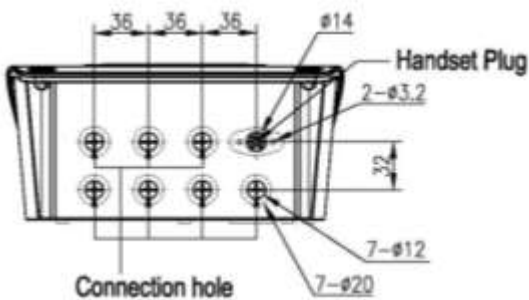B：2 actuators retract synchronously

C：(Same as button A)

D：(Same as button B)

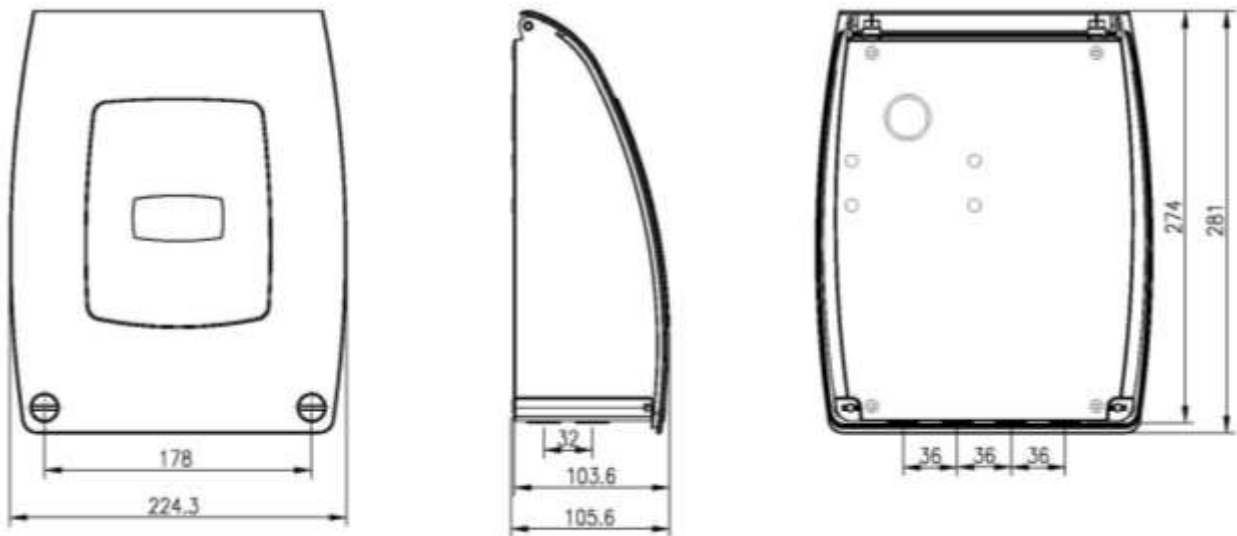**When CN1 closed by Jumper → Actuators move independently**

A：M1 actuator extends

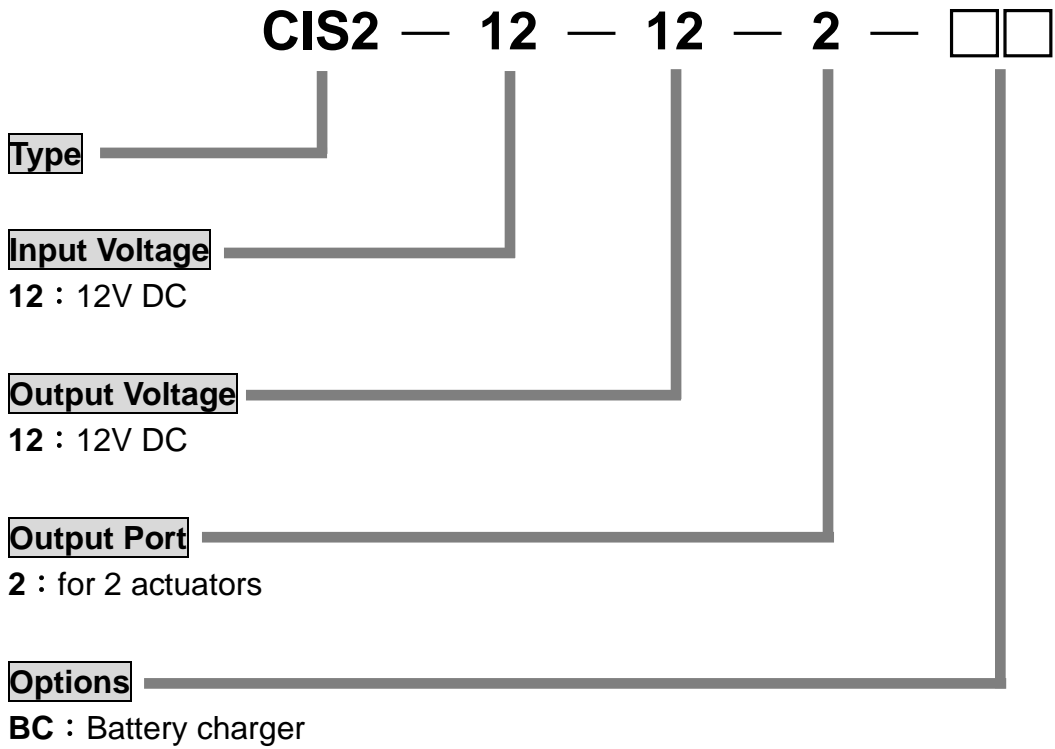B：M1 actuator retracts

C：M2 actuator extends

D：M2 actuator retracts

Dimension

178

224.3

32

103.6

105.6

274

281

36 36 36

36 36 36

ø14

Handset Plug

2-ø3.2

32

7-ø12

7-ø20

Connection hole

Unit: mm

Ordering Key

CIS2 — 12 — 12 — 2 — ☐☐

Type

Input Voltage
12：12V DC

Output Voltage
12：12V DC

Output Port
2：for 2 actuators

Options
BC：Battery charger