Standard Comfort Controls

INSTALLATION GUIDE | 12.06.2023 | V 2.1
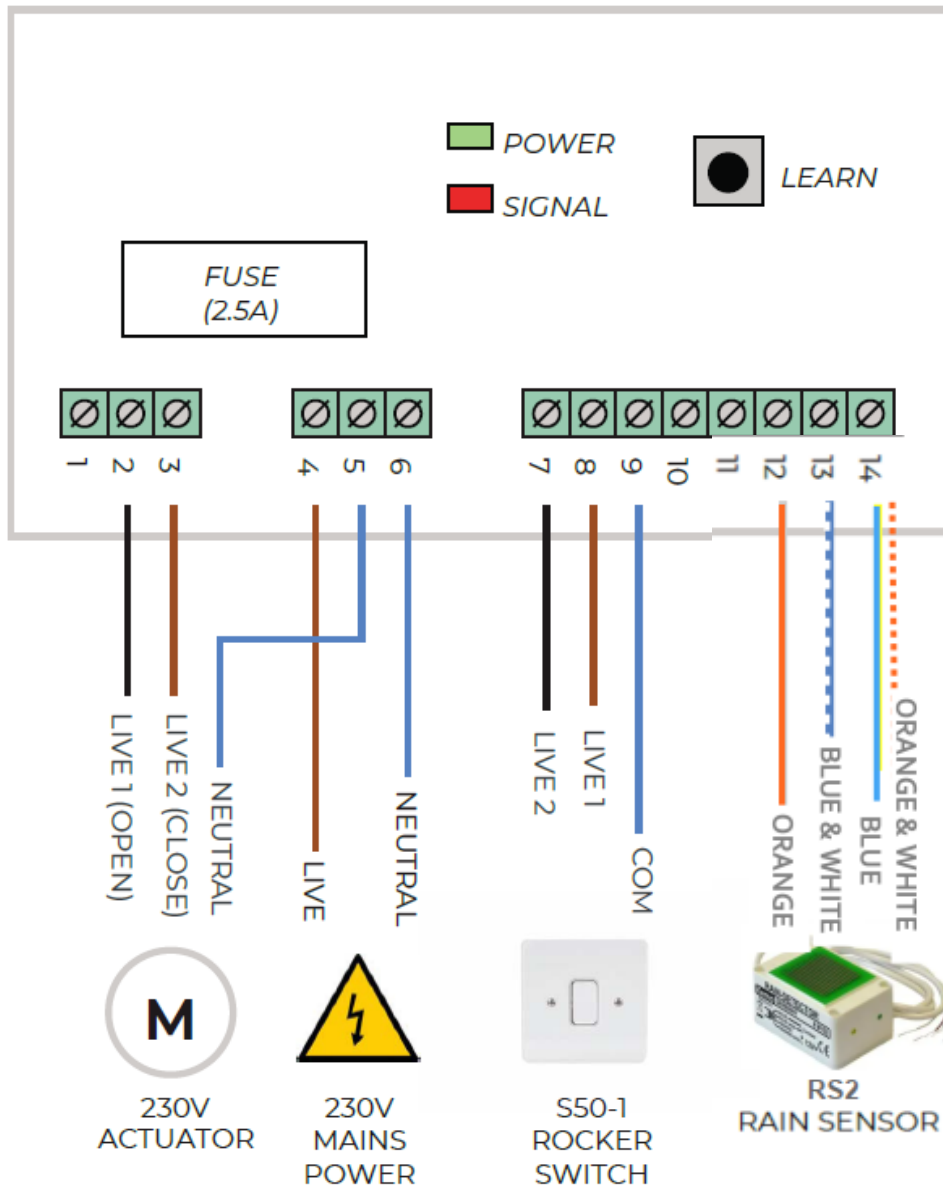
These installation instructions should be used for:

Contents

Standard Comfort Controls

Connections

POWER

SIGNAL

LEARN

FUSE (2.5A)

1 2 3   4 5 6   7 8 9 10 11 12 13 14

LIVE 1 (OPEN)
LIVE 2 (CLOSE)
NEUTRAL

LIVE
NEUTRAL

LIVE 2
LIVE 1
COM

ORANGE
BLUE & WHITE
BLUE
ORANGE & WHITE

M

230V ACTUATOR

230V MAINS POWER

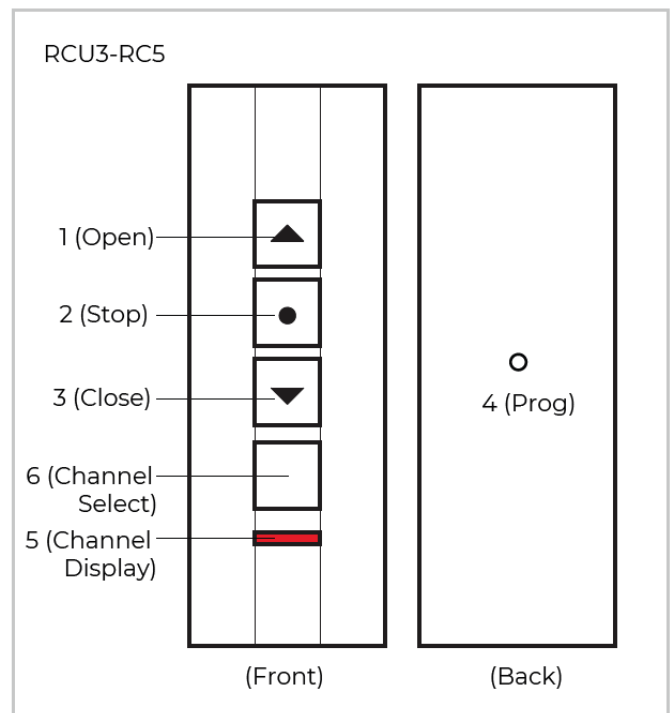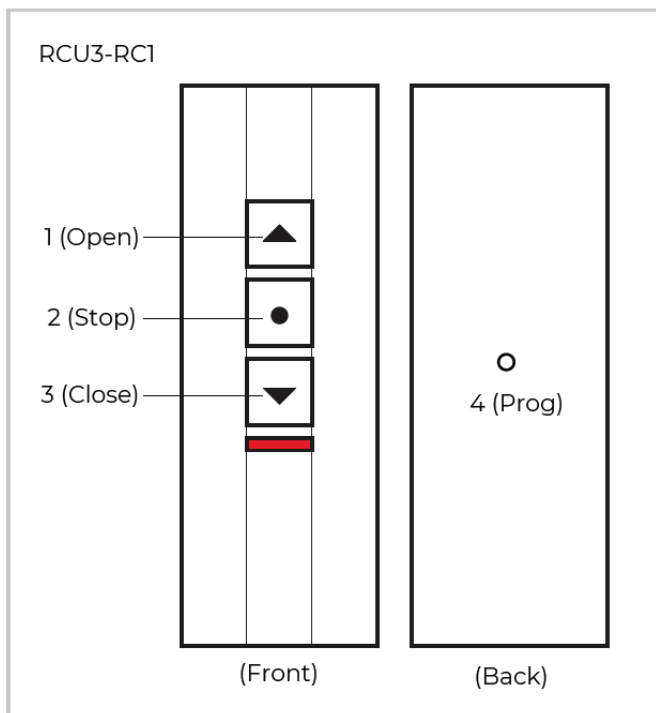S50-1 ROCKER SWITCH

RS2 RAIN SENSOR

PLEASE NOTE:

- The installation of all electrical items must be undertaken by a qualified electrician.
- Do not use cable thicker than 1.5mm and multi-strand if possible for flexibility.
- Wire all other inputs before connecting mains power.
- To ensure perfect sealing of the control unit you must pass the cables through the grommets and insert the rubber cord for tighter seal.
- If using a rocker switch, this will need to be a retractive switch. Do not fit a latching switch.
- The RS2 rain sensor is supplied complete with 5 metres of cable. If this is not sufficient, the cable can be extended to a maximum of 50 metres using 3 x 0.5mm cable.
- Read the safety information sheet, prior to installation of equipment.

Programming Remotes

1. *Only if using 5 channel remote*
   Select the channel you wish to programme using the 'channel select' button on the remote control.

2. Turn on the power to the CCU3 control unit.

3. Short press the 'LEARN' button on the CCU3, the buzzer will make a short sound (approximatley 4 seconds).

4. Within a few seconds press and hold the 'STOP' button on the remote transmitter.

5. The buzzer will sound several times to confirm the remote transmitter has been programmed.

6. Operate the remote as required. Open/close may require double quick press on first operation.

RCU3-RC1

1 (Open)
2 (Stop)
3 (Close)

4 (Prog)

(Front)   (Back)

RCU3-RC5

1 (Open)
2 (Stop)
3 (Close)
6 (Channel Select)
5 (Channel Display)

4 (Prog)

(Front)   (Back)

To delete the remote controls stored on the CCU3 control units memory simply press and hold the 'LEARN' button for 10-15 seconds until the red LED light flashes.

Standard Comfort Controls

Technical Data

Code	CCU3
Voltage (Input)	230V AC
Voltage (Output)	230V AC
Output Current	6 Amp
Protection Class	IP54
Operating Temperature	-10°C / +60°C
Dimensions	162 x 139 x 45mm
Inputs	RS2, CCU3RC1, CCU3RCS, S50-1, RRTKEY

Functions

Rocker Switch:

Open:
Press and the Open button and the actuator will fullyopen.

Stop:
If the actuator is opening press the Close buttton to stop the actuator in mid-position. Or if the actuator is closing press the Open button to stop the actuator.

Close:
Press the Close button and the actuator will fully close.

Remote Control:

Open:
Press the Open button (1) on the remote and the actuator will fully open.

Stop:
If the actuator is opening press the Close button to stop the actuator in mid-position. Or if the actuator is closing press the Open button to stop the actuator.

Close:
Press the Close button (2) on the remote and the actuator will fully close.

*For multi-channel remotes first select the correct channel you wish to operate using the select buttons (3 and 4).

Rain Sensor:

Close – When Rain is detected the Rain Sensor will perform a full close cycle until rain is no longer present. The Rain Sensor takes 1st priority so all other inputs will be disabled while rain is still present. Once rain is no longer present it will take up to 8 minutes before other inputs can be used.

Trouble Shooting

Should I test the unit when commissioning?

We would always recommend you carry out a functionality check when first commissioning the unit by applying moisture (water or a damp cloth) to the rain sensor to check unit closes correctly.

Once the rain function is activated, the control module will time out for 8 minutes – you can reset by turning off power to the CCU3 module for 10 seconds.

The unit doesn't seem to close in the rain?

The system can be checked by opening the rooflight, so it is half open using switch or remote handset.

- Remove rain sensor wires from terminals 12 – 14 in CCU3 control module.

- Use a small piece of wire to short across terminals 13 & 14.

- The rooflight unit should close – this proves the control unit is wired correctly and any issue in non-operation would have to be with rain sensor wiring or the rain sensor.

- If the unit opens, then you need to reverse the motor feed wires in terminals 2 & 3 (ensure power is turned off first).

- If the motor neither opens or closes when terminals 13 & 14 shorted out it would indicate the CCU3 control module is likely suspect and should be returned for testing and inspection.

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experience.brighter