

Installation of receiving devices should be carried out by a qualified electrician. Any device with the signs of damage and/or missing parts should not be installed and should be returned to the seller. Before attempting installation, ensure all associated circuits and cables have been isolated at the source. Please refer to 'installation guidance notes' supplied before commencing with the installation. **Devices are designed to be mounted internally only.**

## 1 RFJA-12B - Shutter/Blind/Curtain Receivers



### RFJA-12B/230V

Provides 230V~ output controlling the motor one way or the other. Must only be used in conjunction with motors with in-built limit switches.



### RFJA-12B/24VDC

Requires 12V to 24V DC input which will also supply the output voltage. The motor must be reversible. Must only be used in conjunction with motors with in-built limit switches.

Receivers can be mounted directly behind individual appliances, control circuits locally or within the consumer unit. We recommend the receiver is installed inside a non-metallic enclosure.

Receivers will have the programme button set back in to the housing, this is normal. A thin blunt implement e.g. stylus can be used to press and hold the programming button.



We recommend noting the hexadecimal code printed on each receiver and the appliance it is controlling for potential future use.

Ensure the correct type of receiver is selected to prevent damage to the motor or receiver

The shutter receivers must only be used in conjunction with motors with in-built limit switches

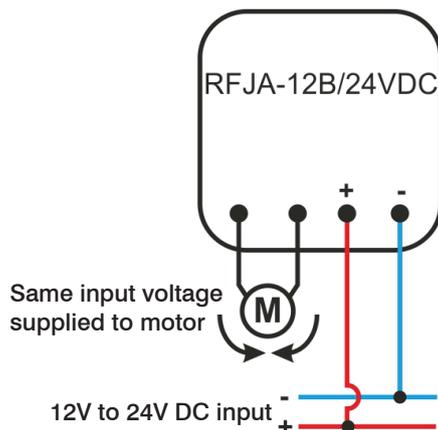
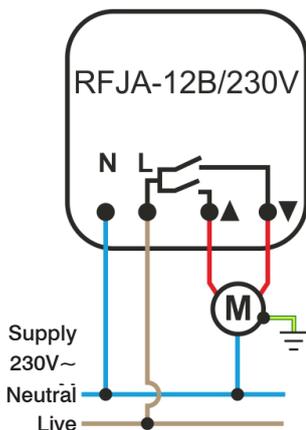
Each receiver can be controlled by up to 25 transmitting devices

## 2 Signal Range

Both RFJA-12B receivers has a signal range in free air of up to 100 metres.

Once the signal penetrates building materials etc. the signal range will be reduced. See the installation guidance notes supplied with this device.

## 3 Wiring



Ensure the correct type of receiver is selected to prevent damage to the motor or receiver

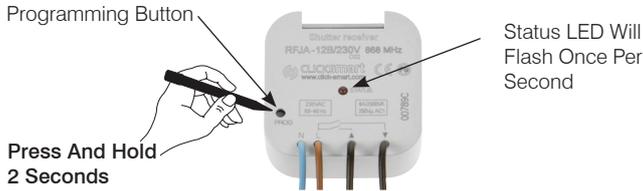
The shutter receivers must only be used in conjunction with motors with in-built limit switches

## 4 Programming The Receiver To Button Transmitters

When installing with the RF Pilot or RF Touch, use the dedicated product manuals for programming.

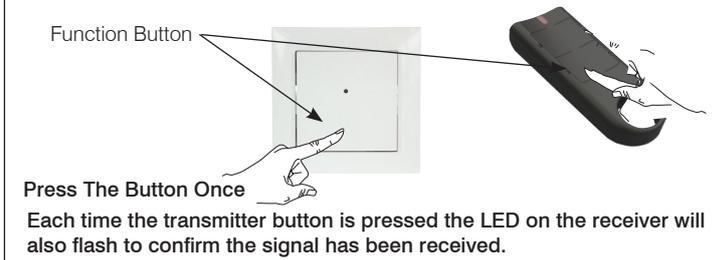
### STEP 1 - Programming Mode

Before commencing with programming ensure the blind, window etc. is fully open. This can be done by briefly pressing the PROG button on/off controlling each direction and off.  
Press & hold the 'programming' button on the receiver for 2 seconds (*the status LED will flash with a 1 second interval*).



### STEP 2 - Pairing The Transmitter

To assign the chosen transmitter button, press the down button ONCE for DOWN.  
With pairing the DOWN button, the UP button will automatically be programmed opposite.



### STEP 3 - Adjust The Timings

Straight after 'Step 2', whilst still in programming mode, the time settings for up and down (open and close) can be programmed.  
**3A** - To set the time element, with the LED already flashing once a second press & hold the 'programming' button for 5 seconds (the status LED will flash twice in a 1 second interval).  
**3B** - Press and hold the DOWN button to completely close the blind.  
**3C** - Press and hold the UP button to completely open the blind.

The operation time is now set.



### STEP 4 - Save & Exit

To exit programming mode press the 'programming' button for less than 1 second.



### To Remove A Single Function

#### STAGE 1

Status LED Will Flash Twice Per Second

Press And Hold For 5 Seconds

#### STAGE 2

Function Button

Press The Transmitter Button That Corresponds To The Desired Function To Remove

### To Remove All Stored Functions

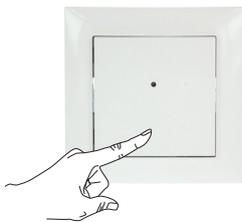
Press and hold the 'programming' button for 8 seconds.

The LED will flash once per second after 2 seconds, then twice per second after 5 seconds then go back to once per second, the functions are now removed.

Press the programme button for <1 second to exit programming mode.



## 5 Control



When controlling the shutter/blind receiver using the programmed transmitter, short presses will move the shutter/blind in small increments.

Press and hold for longer than 2 seconds will allow the shutter/blind to fully open or close until it reaches the limit switch.

On the Smart Box, RF Pilot and RF Touch, the open and closing times can be entered directly in to both devices.