CLICKsmart
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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 RFSA-61M - 16A Single Channel Switching Receiver - DIN Rail Mountable

AN-E
(supplied separately)

16A switching receiver with option of normally closed and/or normally open contacts.

Receivers can be mounted directly behind individual appliances, control circuits locally or within the consumer unit.

Install the antenna carefully in to the front termination, ensuring the centre connection is aligned prior to tightening the nut. DO NOT OVERTIGHTEN THE NUT.

We recommend the receiver is installed inside a non-metallic enclosure.

If mounted inside a metal enclosure or the signal is impaired, the AN-E external antenna with 3M of cable (supplied separately) can be fitted.

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

The receiver can be controlled by up to 25 transmitting devices.

CS2 Memory: The product marked CS2 enables the receiver to remember the status (if engaged) in the event of a power cut. Once engaged and the current status has be running for longer than 15 seconds the current status will be stored. See 'Step 4' overleaf.

## 2 Signal Range

The RFSA-61M has a signal range in free air of up to 200 metres.

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

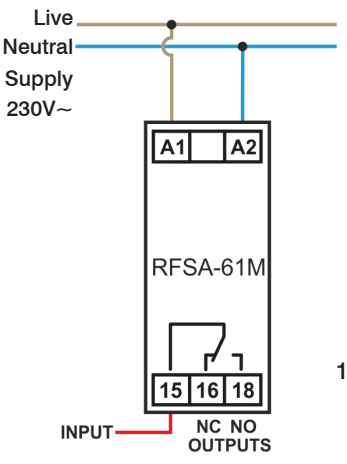
## 3 Load Type

**! Warning Inductive and resistive loads MUST NOT be connected together through one channel**

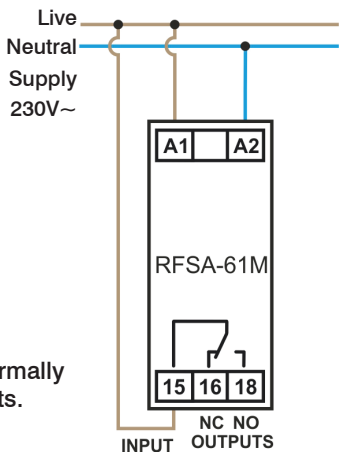
| Type of load | cos φ ≥ 0.95 AC1 | AC2 | AC3 | AC5a uncompensated | AC5a compensated | HAL.230V AC5b | AC6a | AC7b | AC12 |
|---|---|---|---|---|---|---|---|---|---|
| Contact material $AgSnO_2$ contact 8A | 250V / 16A | 250V / 5A | 250V / 3A | 230V / 3A (690VA) | 230V / 3A (690VA) till max output C=14uF | 1000W | x | 250V / 3A | x |

| Type of load | AC13 | AC14 | AC15 | DC1 | DC3 | DC5 | DC12 | DC13 | DC14 |
|---|---|---|---|---|---|---|---|---|---|
| Contact material $AgSnO_2$ contact 8A | x | 250V / 6A | 250V / 6A | 24V / 10A | 24V / 3A | 24V / 2A | 24V / 6A | 24V / 2A | x |

## 4 Wiring




16A switching receiver with option of normally closed and/or normally open contacts.



## 5 Functions (Switching Receivers)

| | | |
|---|---|---|
| Function 1 | Press Button | Press for ON, release for OFF |
| Function 2 | 'ON' Button | Press for ON |
| Function 3 | 'OFF' Button | Press for OFF |
| Function 4 | ON/OFF Button | Press for ON, press again for OFF |
| Function 5 | 'OFF' Delay | Press for ON, device will turn off after predetermined time period as set in STEP 3 of programming (2 seconds to 60 mins) |
| Function 6 | 'ON' Delay | Press to start timer. 'ON' delay will be as predetermined in STEP 3 of programming (2 seconds to 60mins) |

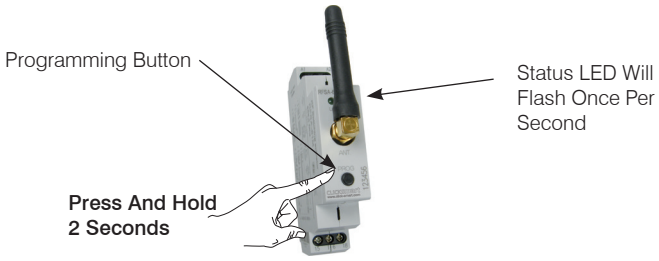
Functions 5 & 6 (timed elements) are programmed in real time. If you require 30 minutes you have to wait for the 30 minutes to complete the pairing. To help save time and remove potential frustration on 5+ minute timed elements, we always recommend conducting a few shorter timed elements (e.g. 10 seconds) to ensure both the correct function and the correct timed element are programmed.

## 6 Programming The Receiver To Button Transmitters

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

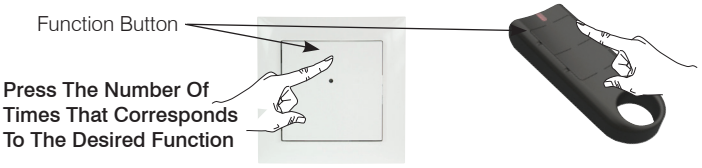
### STEP 1 - Programming Mode

Press & hold the 'programming' button on the receiver for 2 seconds ***(the status LED will flash with a 1 second interval)***.




### STEP 2 - Select Function

To assign the required transmitter button & function, press the required button the number of times to match the function number (e.g function 2, press the button 2 times).
***Press the transmitter button at one second intervals*** - **See table of functions above**.

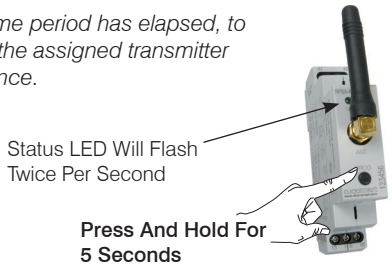



**Each time the transmitter button is pressed the LED on the receiver will also flash to confirm the signal has been received.**

### STEP 3 - Only Required For Functions 5 & 6 (Time Elements)
For All Other Functions Go To STEP 4

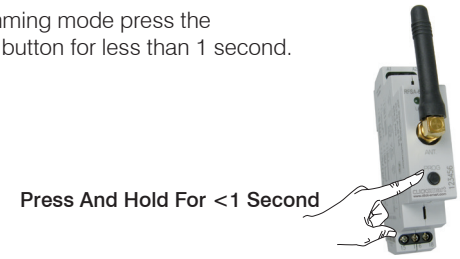
To set the time element, whilst still in programming mode, press & hold the 'programming' button again for '5 seconds' (the status LED will flash twice a second). **THE TIMER HAS NOW STARTED**.

*When the required time period has elapsed, to stop the timer press the assigned transmitter button (IN STEP 2) once.*




### STEP 4 - Save & Exit

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

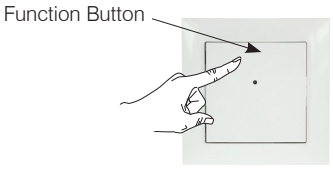



**CS2 - Memory Status**
Single LED flash on exit - Memory status not engaged
Double LED flash on exit - Memory status is engaged
To toggle between status's enter and exit programming mode.

### To Remove A Single Function

**STAGE 1**


**STAGE 2**



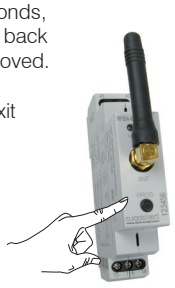

**Press The Transmitter Button Once To Remove.**
The Receiver LED Status Should Be OFF

### 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.



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