

## RFSG-1M - Mains Smart Switch Transmitter



AN-E - External antenna fitted with 3 metres of cable. Supplied separately.

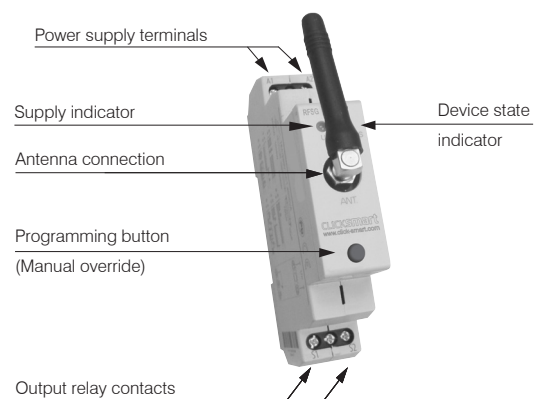
- The mains transmitter sends a wireless signal to switching receivers when the switched input is closed or open (turn ON or OFF)
- The transmitter pairs with function 1 of the receiver. Whilst the switch input is closed the signal will continue to be sent every 10 minutes keeping the receiver turned ON
- Once the switched input is opened the transmitter will send the signal to turn OFF the receiver
- Being mains voltage there is no battery replacement
- The programming is performed by using the button 'PROG' which also acts as a manual override
- The status of the device is signalled by two LED diodes on the front panel
- The transmitter is supplied with the front fitting antenna

Perfect solution for where a permanent connection is required, e.g. thermostat to boilers, PIR to external lighting etc.

### Technical Details

|                              |                                                                                         |
|------------------------------|-----------------------------------------------------------------------------------------|
| Supply voltage:              | 110-230V AC                                                                             |
| Apparent input:              | 2VA                                                                                     |
| Dissipated power:            | 0.2W                                                                                    |
| Tolerance of supply voltage: | +10%; -25 %                                                                             |
| <b>Input</b>                 |                                                                                         |
| Control voltage:             | 12-230V AC / 12-230V DC                                                                 |
| Control input power:         | 0.025VA AC / 0.1W DC                                                                    |
| Control terminals:           | S - S                                                                                   |
| Length of control impulse:   | min. 25ms ( max. unlimited)                                                             |
| Switched voltage:            | 250V AC1 / 24V DC                                                                       |
| Transmission indicator:      | red LED                                                                                 |
| Transmitter frequency:       | 868 MHz                                                                                 |
| Signal transmission method:  | unidirectionally addressed message                                                      |
| Range in free space:         | up to 160M                                                                              |
| Minimum control distance:    | 20 mm                                                                                   |
| <b>Other data</b>            |                                                                                         |
| Operating temperature:       | 0 °C to +50 °C                                                                          |
| Operating position:          | any                                                                                     |
| Mounting:                    | DIN rail EN 60715                                                                       |
| Protection degree:           | IP20 from front panel                                                                   |
| Overvoltage category:        | III.                                                                                    |
| Pollution level:             | 2                                                                                       |
| Terminal wire capacity:      | max. 2.5 mm <sup>2</sup> / 2 x 1.5 mm <sup>2</sup>                                      |
| Dimensions:                  | 90 x 17.5 x 64 mm                                                                       |
| Weight:                      | 62g                                                                                     |
| Applying standards:          | EN 60669, EN 300 220, EN 301 489<br>Directive RTTE, NV No.426/2000Sb(Directive 1999/EC) |
| Warranty:                    | 12 Months                                                                               |

### Description



### Connection

