RFSAI-61B - Switching Actuator/Receiver

- The 16A single channel switching actuator is suitable for the control of devices such as, lights, heating, garage doors, socket-outlets etc.

- 3V DC external input for use with switch drop cables and a momentary switch. The input has to be programmed as though wireless, selecting one of the six functions available.

- 6 functions of operation are available: push-button, close, open, impulse relay, delayed return, delayed start

- The programming is performed by using the button 'PROG' which also acts as a manual override

- The switching actuator can be controlled by up to 32 transmitters, like the RF Touch and push-button units

- The status of the device is signalled by the LED on the front panel

- Can be mounted inside a 35mm deep back box or behind light fittings

Technical Details

Supply voltage:	230V AC
Input:	7 VA / cos φ = 0.1
Loss consumption:	0.7 W
Tolarance of supply voltage:	+10 %; -15 %
Output	
Number of contacts:	1 x Switching (AgSnO2)
Rated current:	16 A / AC1
Switched output:	4000 VA / AC1, 384 W / DC
Peak current:	30 A / <3 s
Switched voltage:	250 V AC1 / 24 V DC
Min. switched output DC:	500 mW
Mechanical life:	3×10^7
Electrical life (AC1):	0.7×10^5
Control	
Packet from transmitter:	868 MHz
Emergency control:	PROG (ON/OFF)
Range in open space:	up to 200 m/ 656.2 '
Other data	
Voltage - switch contact	3V
Operational temperature:	-15 °C to +55 °C (5 °F to 131 °F)
Operational position:	any
Mounting:	loose on input wires or 35mm deep back box
Protection degree:	IP 30
Overvoltage category:	III.
Pollution level:	2
Output wires:	2 x 0.75mm², 2 x 2.5mm²
Output wire length:	90 mm (3.5˝)
Dimensions:	49 x 49 x 21 mm (1.9˝x 1.9˝x 0.8˝)
Weight:	46 g (1.6 oz.)
Applying standards:	EN 60669, EN 300 220, EN 301 489
	Directive RTTE, NV No.426/2000Sb(Directive 1999/ES)
Warranty:	12 Months

Programmable Functions

Function 1	Function 2
Press the programmed button to 'close' the contacts (switch ON) and release the button to 'open' the contacts (switch OFF)	Press the programmed button to 'close' the contacts (switch ON)
Function 3	**Function 4**
Press the programmed button to 'open' the contacts (switch OFF)	Press and release the programmed button to 'close' the contacts (switch ON) and press and release the button again to 'open' the contacts (switch OFF)
Function 5	**Function 6**
Press the programmed button to 'close' the contacts (switch ON), the contacts will 'open' (switch OFF) after a determined interval (2 sec- 30 min)	Press the programmed button and after a determined interval (2 sec- 30 min) the contacts will 'close' (switch ON)

Connection

3V DC Momentary (Retractive) Switch Input. 12M Maximum distance

V2.0