

RFSAI-61B - Single Channel Switching Receiver



- The 16A single channel switching receiver is suitable for the control of devices such as lights, 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 receiver can be controlled by up to 25 transmitters, like the RF Touch and Smart switch transmitters
- The status of the device is signalled by the LED on the front panel
- CS2 receiver offers memory function which enables device to remember the status in the event of power failure (single flash - disabled or double flash - enabled when exiting programming)
- 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
Tolerance 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 x 10 ⁷
Electrical life (AC1):	0.7 x 10 ⁵
Control	
Packet from transmitter:	868 MHz
Emergency control:	PROG (ON/OFF)
Range in open space:	Up to 200 M
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 0.75mm ² , 2 x 2.5mm ²
Output wire length:	90 mm
Dimensions:	49 x 49 x 21 mm
Weight:	46 g
Applying standards:	EN 60669, EN 300 220, EN 301 489 Directive RTTE, NV No.426/2000Sb(Directive 1999,
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)
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)
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

