



## RFDAC-71B - 0(1)-10V Analogue Output Dimming Receiver With Switching Belay . The receiver is designed for contino

## With Switching Relay



## Technical Details

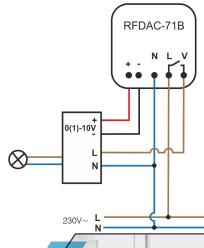
Supply voltage:	110V - 230V AC			
Apparent input:	3 VA / cos 🗌 = 0.1			
Dissipated power:	1.2 W			
Tolarance of supply voltage:	-15 %; +10 %			
Potential-free analog output/				
max. current	0(1)-10V / 10mA			
Control				
Packet from transmitter:	868 MHz			
Emergency control:	PROG (ON/OFF)			
Range:	up to 200 m/ 656.2 '			
Number of contacts:	1x SPDT AgSnO2, switches a phase conductor			
Rated current:	16A / AC1			
Switched output:	4000VA / AC1			
Switched voltage:	250V AC1			
Mechanical life:	3x107			
Electrical life (AC1):	0.7x105			
Indication:	red LED			
Choice of output:	0(1)-10V / button PROG			
Other data				
Operating temperature:	-15 °C to +55 °C (5 °F to 131 °F)			
Operating position:	any*			
Mounting:	loose on input wires			
Protection degree:	IP 30			
Overvoltage category:	III.			
Pollution level:	2			
Output wires:	solid wires CY, 5x0.75 mm2 (AWG 18)			
Output wire length:	90 mm (3.5″)			
Dimensions:	49 x 49 x 21 mm (1.9"x 1.9"x 0.8")			
Weight:	40 g (1.4 oz.)			
Applying standards:	EN 60669, EN 300 220, EN 301 489			
	directive RTTE, No.426/2000Sb(directive1999/ES)			
Warranty:	12 Months			

The receiver is designed for continous regulation of device, which is operated by voltage 0(1)-10 V

- It is suitable for:
- dimming of fluorescent lights -in combination with dimmable ballast controlling of power dimmers
- controlling of thermo-regulators such as thermo-valves, ventilation etc.
- · Easy operation:
  - -short press of transmitter button will close/open the circuit of appliance and set the analog output voltage onto its last set level
  - -long press enables an analog output voltage regulation in range 0(1)-10 V One receiver can be operated by up to 25 channels(1 channel represents 1
- One receiver can be operated by up to 25 channels(1 channel represents 1 button on the wireless push-button, key fob or RF Touch unit)
- Enables output switching in mode: 0-10 V max.10 mA or 1-10 V max.10 mA
- RFDAC-71B: multifunction 7 programming functions:
- Programming and manual operation is performed by using the Prog button
- 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)

## Programmable Functions

Function 1		Function 2		
a. A short press on the programmed button of 0,5 seconds switches the lights 'ON' or lights 'OFF'.		<ul> <li>a. A short press on the programmed button of less than 3 seconds switches the lights 'ON' or lights 'OFF'.</li> </ul>		
b. Pressing and holding the button when 'ON' for longer than 0,5 seconds the lights start to dim up or down. After the button is released the light scene is stored into the memory. When quick pressing 'ON' in future the lighting level that was previously set is restored.		b. Pressing and holding the button when 'ON' for longer than 3 seconds the lights start to dim up or down. After the button is released the light scene is stored into the memory. When pressing 'ON' in future the lighting level that was previously set is restored.		
c. The set lighting scene can be changed simply by repeating section 'b' above.		c. The set lighting scene can be changed simply by repeating section 'b' above.		
Function 3		Function 4		
a. A short press on the programmed button of 0,5 seconds switches the lights 'ON' with a 3 second fade up, or lights 'OFF' with a 3 second fade down.		a. A short press on the programmed button of 0,5 seconds switches the lights 'ON', or lights 'OFF' with a 3 second fade down.		
b. Pressing and holding the button when 'ON' for longer than 0,5 seconds the lights start to dim up or down. After the button is released the light scene is stored into the memory. When quick pressing 'ON' in future the lighting level that was previously set is restored.		b. Pressing and holding the button when 'ON' for longer than 0,5 seconds the lights start to dim up or down. After the button is released the light scene is stored into the memory. When quick pressing 'ON' in future the lighting level that was previously set is restored.		
c. The set lighting scene can be changed simply by repeating section 'b' above.		c. The set lighting scene can be changed simply by repeating section 'b' above.		
Function 5	Function 6		Function 7	
<ul> <li>a. On pressing the programmed button the lights start to fade up to MAX. over a defined interval (2 sec- 30min).</li> </ul>	a. On pressing the programmed button the lights start to fade down to OFF over a defined interval (2 sec- 30 min).		a. Functions the same as an 'ON' and 'OFF' switch.	
Connection				



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