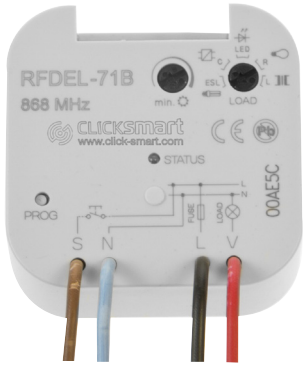
RFDEL-71B - LED Dimming Receiver 160W Max.



- Will dim up to 160W of most dimmable LED's, CFLi's, mains and low-voltage halogen lights with a dimmable transformer as well as standard tungsten filament
- Load selection control. For LED sources, either LED or capacitive load can be selected providing a higher percentage of compatibility
- Facility to use a retractive/momentary switched input. The receiver can then be controlled by a further 31 smart switch transmitters
- Rotary 'trim' control gives adjustment so the lights can remain slightly ON and also erradicate flickering which may occur at the bottom end of dimming
- 7 programmable functions: 6 various dimming functions plus ON/OFF
- Easy operation: short press will turn the light ON or OFF, a long press dims the lights UP or DOWN to the required level
- Electronic over-voltage protection - switches off the output when the dimmer is overloaded or open circuit
- The programming is performed by using the button 'PROG' which also acts as a manual override

Technical Details

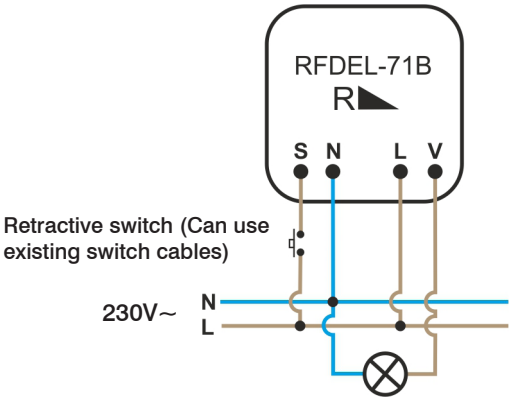
Supply voltage:	230V AC / 50Hz
Apparent consumption:	1.1 VA
Dissipated power:	0.8W
Tolerance of supply voltage:	+10 -15 %
Connection:	4-wire with "NEUTRAL"
Output	
Resistive load:	160W
Capacitive lod:	160W
Inductive load:	160W
Output	
Packet from transmitter:	868 MHz
Manual control:	PROG (ON/OFF), external button
Range in open space:	up to 160M
Other data	
Operational temperature:	-20 °C to +35 °C
Operational position:	any
Mounting:	35mm deep enclosure (plastic)
Protection degree:	IP 30
Overvoltage category:	III.
Pollution level:	2
Output wires:	4 x 0.75 mm²
Output wire length:	90 mm
Dimensions:	49 x 49 x 21 mm
Weight:	40g
Applying standards:	EN60730-1 ED.2
Warranty:	12 Months

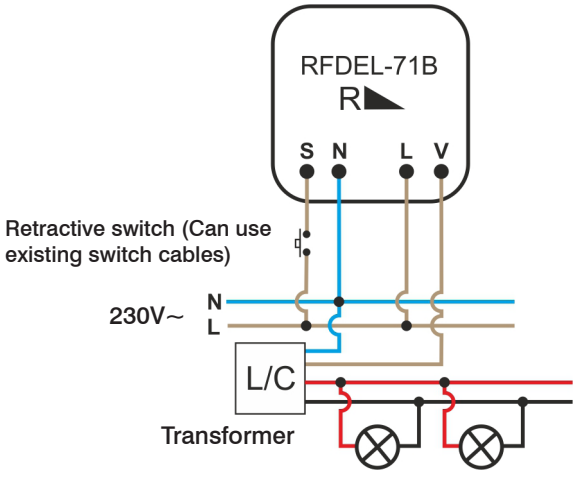
Programmable Functions (Dimmer Unit)

Function 1	Function 2
a. A short press on the programmed button of 0,5 seconds switches the lights 'ON' or lights 'OFF'. 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.	a. A short press on the programmed button of less than 3 seconds switches the lights 'ON' or lights 'OFF'. 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.
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. 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.	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. c. The set lighting scene can be changed simply by repeating section 'b' above.

Function 5	Function 6	Function 7
a. On pressing the programmed button the lights start to fade up to MAX. over a defined interval (2 sec- 30min).	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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