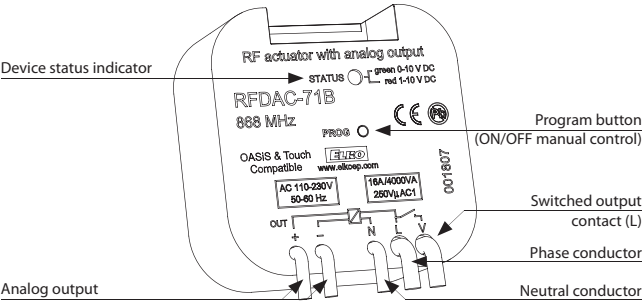




Technical parameters		RFDAC-71B
Supply voltage:		110 - 230 V AC / 50 - 60 Hz
Apparent input:		3 VA
Dissipated power:		1.2 W
Supply voltage tolerance:		+10 / -15 %
Potential-free analog output / max. current:		0(1)-10 V / 10 mA
Control		
RF command from the transmitter:		866 MHz, 868 MHz, 916 MHz, 922 MHz
Manual control:		button PROG (ON/OFF)
Range in free space:		up to 200 m
Minimum control distance:		20 mm
Contact relay:		1x AgSnO <sub>2</sub> , switches the phase conductor
Rated current:		16 A / AC1
Switching power:		4000 VA / AC1
Switching voltage:		250 V AC1
Mechanical service life:		3x10 <sup>7</sup>
Electrical service life:		0.7x10 <sup>5</sup>
Indication:		red LED / green LED
Output selection:		0(1)-10V / PROG button
Other data		
Operating temperature:		-15 to + 50 °C
Operating position:		any
Mounting:		free at lead-in wires
Protection:		IP30
Overvoltage category:		III.
Contamination degree:		2
Terminals (CY wire, cross-section):		3 x 0.75 mm <sup>2</sup> , 2 x 2.5 mm <sup>2</sup>
Length of terminals:		90 mm
Dimensions:		49 x 49 x 21 mm
Weight:		52 g
Related standards:		EN 60669, EN 300 220, EN 301 489 R&TTE Directive, Order. No 426/2000 Coll. (Directive 1999/EC)

- The analog controller with output 0(1)-10 V is used for:
  - a) dimming fluorescent lamps (using a dimmable ballast).
  - b) dimming LED panels (when using a suitable dimmed source up to 50 units LP-6060-3K/6K).
  - c) Control of thermal actuators (TELVA).
  - d) control of other controllers (e.g. performance dimmers DIM-6).
- It can be combined with Controllers or System units iNELS RF Control.
- The BOX design lets you mount it right in an installation box, a ceiling or light cover.
- Potential free analog output 10 mA, contact relay 16 A.
- 6 light functions - smooth increase or decrease with time setting 2 s-30 min.
- When switched off, the set level is stored in the memory, and when switched back on, it returns to the most recently set value.
- The analog controller may be controlled by up to 32 channels (1 channel represents 1 button on the controller).
- The programming button on the controller is also used for manual control of the output.
- The unit power supply is in the range 110-230 V AC.
- Range up to 200 m (in open space), if the signal is insufficient between the controller and unit, use the signal repeater RFRP-20.
- Communication frequency with bidirectional protocol iNELS RF Control.

Device description

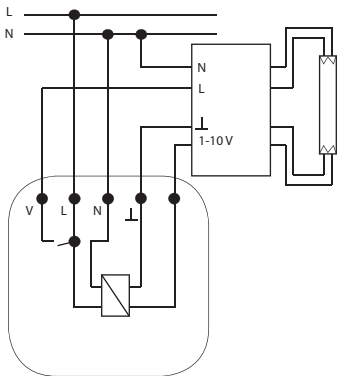


Function

For more information see p. 65.

Connection

Connection example:  
dimming of fluorescent tubes  
with dimmable ballast



Connection  
example:  
with thermo  
valve

