



- the dimming socket offers a simple solution to dimming lamps and lights plugged into the socket, this socket is simply positioned between the existing outlet and the light
- it enables dimming of the following light sources:

type of source	symbol	description
R resistive		ordinary light bulb, halogen lamp
L inductive		coiled transformer for low-voltage halogen lamps
C capacitive		electronic transformer for low-voltage halogen lamps
LED		LED lamps and LED light sources, 230 V
ESL		dimming energy-saving fluorescent tubes

- the type of light source is set by the switch on the front of the device
- max. output load is 300 W
- electronic overcurrent and thermal protection - switches off the output in case of overload, short circuit or overheating
- setting the minimum brightness by the potentiometer on the front of the device eliminates flashing of various types of light sources
- the actuator can be controlled by up to 32 channels
- **RFDSC-11**: single-function, button dimmer
- **RFDSC-71**: 6 light functions, ON/OFF function (identical with the functions of RFDA-71B) see p. 32
- programming and manual switching of the output is performed using the Prog button
- produced in three designs of sockets and plugs:

EAN code

RFDSC-11/F: 8595188145923 (French) RFDSC-71/F: 8595188145947 (French)
 RFDSC-11/S: 8595488145930 (Schuko) RFDSC-71/S: 8595488145954 (Schuko)
 RFDSC-11/B: 8595188145459 (British) RFDSC-71/B: 8595188145466 (British)

Technical parameters	RFDSC-11	RFDSC-71
Supply voltage:	230 V AC / 50 Hz	
Apparent power:	1.1 VA	
Dissipated power:	0.8 W	
Supply voltage tolerance:	+10/ -15 %	
Dimming load:	R,L,C, LED, ESL	
Output		
Contactless:	2 x MOSFET	
Load capacity:	300 W*	
Control		
RF command from the transmitter:	868 MHz	
Range in open space:	up to 160 m (more on range on page 44)	
Manual control:	button PROG (ON/OFF)	
Further data		
Operating temperature:	-20 up to +35 °C	
Storage temperature:	-30 up to +70 °C	
Working position:	any*	
Mounting:	in a network socket 230 V AC	
Protection:	IP 30	
Overvoltage category:	III.	
Contamination degree:	2	
Dimensions:	60 x 120 x 80 mm	
Weight:	129 g	
Related standards:	EN 60669, EN 300 220, EN 301 489 directives RTTE, NVC.426/2000Sb (directives 1999/ES)	

* capacity for power factor $\cos \varphi=1$

The power factor of dimmable LEDs and ESL bulbs ranges from $\cos \varphi = 0.95$ up to 0.4. An approximate value of maximum load may be obtained by multiplying the load capacity of the dimmer by the power factor of the connected light source.



French
CZ, SK, PL, FR



Schuko
HU, DE, RU, AT, RO

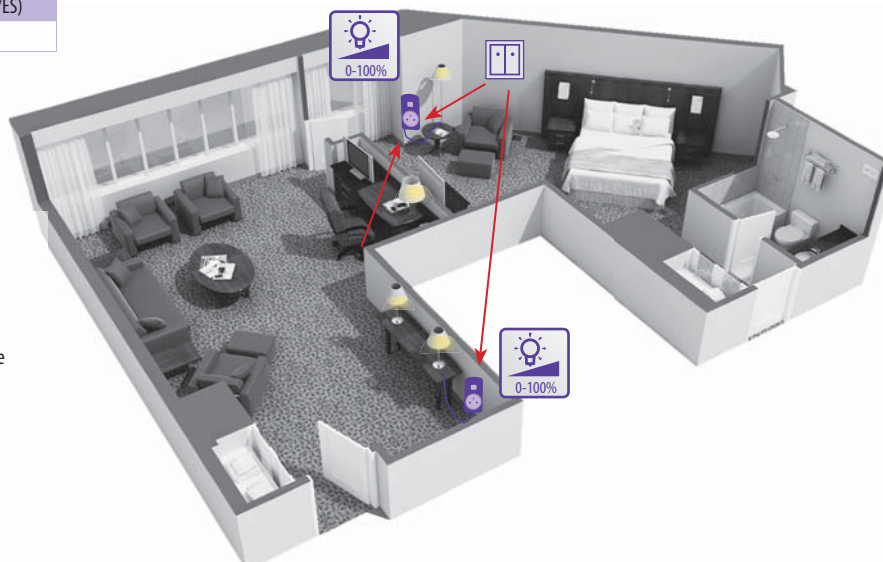


British
GB

Description of the device



Example of use



Description of function

Controlling the dimmer:

- a short press of the button (< 0.5s) switches light on or off
- a long press (> 0.5s) enables fluid regulation of light intensity
- for the ESL load, when the lamp is switched off, a short press increases the brightness to the maximum level (when the energy saver, "lights up") and then drops to the preset level

Setting the minimum brightness:

- performed using the potentiometer on the front side
- used mainly when dimming energy-saving fluorescent tubes and LED bulbs due to their differing illumination characteristics
- it prevents unwanted flashing when setting the actuator to the min. brightness