

EAN code:

RFDW-71/W: 8595188188944

RFDW-271/W: 8595188188951

RFDW-71/B: 8595188188241

RFDW-271/B: 8595188188937

Technical parameters RFDW-71/230V, RFDW-271/230V

| | |
|---------------------------|---------------------|
| Supply voltage: | 230 V AC / 50-60 Hz |
| Apparent power: | 1.1 VA |
| Dissipated power: | 0.8 W |
| Supply voltage tolerance: | ±10 % |
| Dimmed load: | R,L,C, LED, ESL |

Output

| | |
|-----------------|------------|
| Contactless: | 2 x MOSFET |
| Load capacity*: | max. 200 W |

Control

| | |
|-------------------------|--|
| Wireless: | up to 25-channels (buttons) |
| Communication protocol: | RFIO2 |
| Frequency: | 866-922 MHz (for more information see p. 72) |
| Repeater function: | yes |
| Manual control: | 4 touch keys, button PROG |
| Button backlight: | white LED with intensity change |
| Indications PROG: | red/green LED |
| Range: | in open space up to 160 m |

Connection

| | |
|-------------------------------------|--|
| Max. cable size (mm ²): | screwless clamps 0.2 - 1.5 mm ² solid/flexible |
|-------------------------------------|--|

Other data

| | |
|------------------------|-----------------------|
| Operating temperature: | -10 to +40 °C |
| Storing temperature: | -30 to +70 °C |
| Protection degree: | IP20 |
| Overvoltage category: | II. |
| Pollution degree: | 2 |
| Operation position: | any |
| Installation: | into installation box |
| Dimensions: | 94 x 94 x 41 mm |
| Weight: | 129 g |

* See page 75 for the load chart for each light source.

- The glass design controller with dimmer and touch buttons is used to control light sources:

R – classic lamps (resistive load)

L – halogen lamps with wound transformer (inductive load)

C – halogen lamps with electronic transformer (capacity load)

ESL – dimmable energy-efficient fluorescent lamps

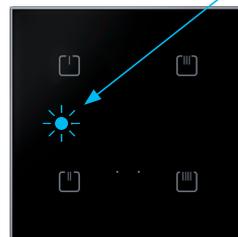
LED – LED light sources (230 V) equipped with LED.

- The touch buttons on the circuit breaker allow you to directly control the integrated dimmer as well as other components of the installation.
- The backlight intensity (white LED) of the buttons is automatically adjusted depending on the ambient lighting.
- They can be combined with detectors, controllers, iNELS Wireless or system components for output control from other locations.
- 7 light functions – smooth increase or decrease with time setting 2 s – 30 min. Function description can be found on page 71.
- When switched off, the set level is stored in the memory, and when switched back on, it returns to the most recently set value.
- Thanks to setting the min. brightness you will eliminate flashing of the LED and ESL light sources.
- The universal dimmer may be controlled by up to 25-channels.
- Possibility to set the memory status in case of power failure.
- Range up to 160 m (in open space), if the signal is insufficient between the controller and unit, use the signal repeater RFRP-20 or protocol component RFIO2 that support this feature.
- Communication frequency with bidirectional protocol RFIO2.

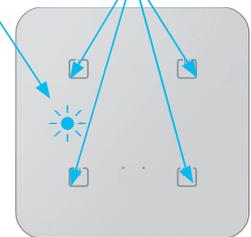
Colour variants

Programming button

4x control buttons

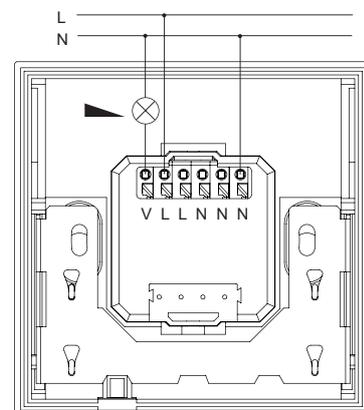


RFDW-71/B
(Black glass, sharp edges)



RFDW-271/W
(White glass, round edges)

Connection



The output can be controlled by up to 25 separate buttons (external RF Controller).



RFBW

RF KEY

RFSC

The buttons can control an unlimited number of RF devices.



RFJA