

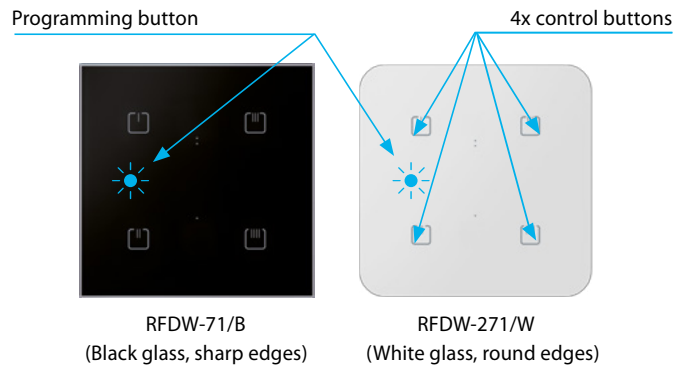
EAN code:
 RFDW-71/W: 8595188188944 RFDW-271/W: 8595188188951
 RFDW-71/B: 8595188188241 RFDW-271/B: 8595188188937

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 74.
- 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-20N or protocol component RFIO2 that support this feature.
- Communication frequency with bidirectional protocol RFIO2.
- Pairing controllers on p. 72.

Colour variants



Connection

