

**QUADRUPLE GLASS BUTTON
 with 4-channel bistable relay**

GS4-AC-T

WARRANTY. The F&F products are covered by a warranty of the 24 months from the date of purchase. Effective only with proof of purchase. Contact your dealer or directly with us. More information how to make a complaint can be found on the website: www.fif.com.pl/reklamacje



Do not dispose of this device in the trash along with other waste! According to the Law on Waste, electro coming from households free of charge and can give any amount to up to that end point of collection, as well as to store the occasion of the purchase of new equipment (in accordance with the principle of old-for-new, regardless of brand). Electro thrown in the trash or abandoned in nature, pose a threat to the environment and human health.

Purpose

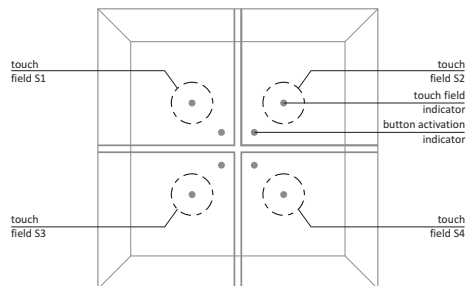
The GS4-AC-T glass button is designed for installation based on a 60 mm diameter installation box and is dedicated for direct control of low power 230 V AC lighting circuits. The external white spot backlight gently brightens when you move your hand closer to it in order to indicate the location of the sensors. Activation of the selected circuit is indicated by switching on a spot backlight in orange.

Features of the device

- * bistable relay function - one press switches on the output circuit, the other press switches off the output circuit;
- * control of low power 230 V AC lighting circuits, such as energy-saving fluorescent lamps or LEDs;

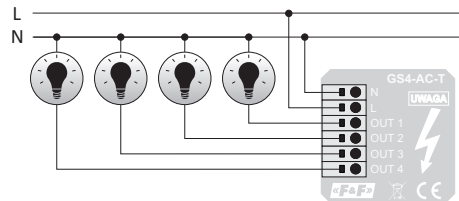
- * output load capacity:
 - 250 W total power (load sum for all four channels),
 - 100 W for a single output;
- * possibility to adjust the backlight brightness (separately for on and off mode) to individual preferences.

Description of the device



The front of the device is made of glass with external dimensions of 81×81×12 mm. On the front there are 4 touch fields (S1, S2, S3, S4), the central points of which are indicated by the touch field indicators glowing in warm white color when the hand is close to the button. Additionally, on the front panel there are 4 button activation indicators indicating the activation of the receiver switched on by pressing the button. On the inside there is a plastic frame connected to a 2M mounting frame.

Connection scheme



Mounting



A practical example of how to install a glass button can be seen in the instructional video available at www.fif.com.pl on the product page.



Installation of the button should be performed by an installer with appropriate qualifications and experience in the field of connecting electrical installations.



Before starting the installation, it is essential to disconnect the power supply supplied to the box in which the button will be installed. The power supply of the button can only be switched on after the assembly is completed and the button is permanently attached.

- 1) After removing from the package, gently disconnect the 2M mounting frame from the button.
- 2) Mount the mounting frame inside the installation box and lead out the supply and receiving wires outside the box.
- 3) Connect the power supply and receivers to the button in accordance with the diagram above.
- 4) Press the button gently into the mounting frame. The button handles should effectively snap into the mounting holes provided for them in the mounting frame.

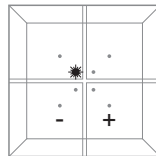
Personalization of button operation

The GS-4T glass buttons allow you to set the brightness level in the active state (brightness of touch field indicators when you move your hands close to it and brightness of output activation indicators) and in the inactive state (brightness of touch field indicators when you move your hand away). This function allows you to adjust the brightness to the ambient conditions, and to perform the functions of the backlit buttons. The brightness in the active state can be adjusted in the range of 50÷100% and in the range of 0÷30% in the inactive state. In addition, it is possible to choose how the indicators will behave:

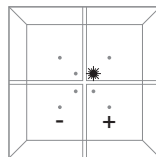
- * the indicator will be on at all times when the output channel is on;
- * the indicator will be on when the output channel is on and additionally when the hand is close to the button (when you move your hand away, the indicators go out even though the outputs remain on).

To set the brightness of the indicators:

- 1) Move your finger closer to the center of the button and hold it for 10 seconds in such a way that no touch field is activated (during this operation the white indicators in all fields will be constantly on).
- 2) Entering the personalization mode will be confirmed by blinking of an orange indicator on touch field 1.

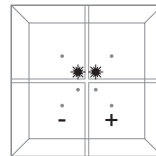


- 3) Using the touch fields marked in the figure as "-" and "+", set the brightness of the indicators in the inactive state; the set brightness is displayed continuously with white indicators.
- 4) In order to confirm the brightness level in the inactive state press the touch field No. 1 (with blinking orange indicator); after this operation the orange indicator in field No. 2 will start blinking indicating active personalization mode in the active state.



- 5) Using the touch fields marked in the figure as "-", set the brightness of the indicators in the active state; the set brightness is displayed continuously with white indicators.

- 6) To confirm the brightness level in the active state, press touch field No.2 (with blinking orange indicator); after this operation the indicators in fields No. 1 and 2 will start blinking indicating that the behavior of the activation indicators can be set.



- 7) Slow blinking of the indicators indicates a mode in which the indicators will be on whenever the output is activated. Fast blinking of the indicators indicates a mode in which the indicators will be turned on when the output is on and your hand is close to the button. The change is made by pressing the buttons marked as "-" and "+".
- 8) Press button No. 1 or 2 to confirm the indicator mode.
- 9) Lack of any user action for 10 seconds will result in leaving the personalization mode, taking into account already approved changes.

Technical data

power supply	85÷265 V AC
working mode	bistable
control element	triac
phase control	load switching in zero of phase voltage
load capacity (AC-1)	
single channel	100 W/250 V AC
total (4 channels)	250 W/250 V AC
power consumption	
standby	<0.15 W
on	<0.50 W
working temperature	-25÷50°
terminal dimensions	2.5 mm ² spring terminals
mounting	81×81×12 mm
protection level	in Ø60 flush-mounted box
front	IP50
back	IP20

CE declaration

A copy of the CE declaration can be downloaded from the website: www.fif.com.pl from the product subpage.

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