

FIBARO BYPASS 2

FGB-002

FIBARO Bypass 2 (FGB-002) is a device designed to work with FIBARO Dimmer 2 (FGD-212), to be used with LED bulbs or energy saving compact fluorescent lamps. FIBARO Bypass 2 prevents LEDs from flickering and turned off compact fluorescent lamps from glowing.

In 2-wire connection FIBARO Bypass 2 reduces the minimum power of load required by the Dimmer for correct operation. FGB-002 provides powering of the Dimmer 2 in case of controlling low loads.

All wiring diagrams and supported loads are specified in FIBARO Dimmer 2 operating manual, available at:

manuals.fibaro.com/en/fgd-212



Read the manual before attempting to install the device!

FIBARO Bypass 2 is compliant with the following

EU directives:

- RoHS 2011/65/EU
- LVD 2006/95/EC
- EMC 2004/108/EC

Warnings



DANGER OF ELECTROCUTION!

FGB-002 is designed to operate in home electrical installation. Faulty connection or use may result in fire or electric shock.

All works on the device may be performed only by a qualified and licensed electrician. Observe national regulations.

Any maintenance introducing changes in the configuration of connections or the load must be always performed at disconnected voltage (disable the fuse).



CAUTION!

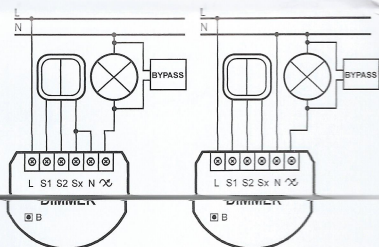
Applied load and the device itself may be damaged if the values of applied load are inconsistent with the technical specification.

Connect only in accordance with one of the diagrams presented in the manual. Incorrect connection may cause risk to health, life or material damage.

Electrical system of the building must be protected with an overcurrent protection (fuse) of a value not higher than 10A.

Device installation

1. Switch off the mains voltage by disabling the fuse.
2. Connect the Bypass 2 in accordance with one of the diagrams.



Wiring diagrams - 2-wire (left) and 3-wire (right) connection with a double switch

3. Follow the installation according to Dimmer 2 manual.



After connecting the Bypass 2 it is required to force the calibration procedure via B-button menu (red LED indicator) or by setting the parameter 13 to 2.

Specifications

Power supply:	220-240 V~ 50 Hz
Operational temperature:	0-35°C
Dimensions:	31 x 21,6 x 13 mm
Power consumption:	< 1,2 W

Guarantee

1. The Guarantee is provided by FIBAR GROUP S.A. (hereinafter "Manufacturer"), based in Poznań, ul. Lotnicza 1; 60-421 Poznań, entered in the register of the National Court Register kept by the District Court in Poznań, VIII Economic Department of the National Court Register, no. 553265, NIP 7811858097, REGON: 301595664.
 2. The Manufacturer is responsible for equipment malfunction resulting from physical defects (manufacturing or material) of the Device during 12 months for business / 24 months for individual customers from the date of its purchase.
 3. During the Guarantee period, the Manufacturer shall remove any defects, free of charge, by repairing or replacing (at the sole discretion of the Manufacturer) any defective components of the Device with new or regenerated components that are free from defects. When the repair proves impossible, the Manufacturer reserves the right to replace the device with a new or regenerated one, which shall be free from any defects and its condition shall not be worse than the original device owned by the Customer.
 4. In special cases, when the device cannot be replaced with the device of the same type (e.g. the device is no longer available), the Manufacturer may replace it with a different device having technical parameters similar to the faulty one. Such activity shall be considered as fulfilling the obligations of the Manufacturer. The Manufacturer shall not refund money paid for the device.
 5. The holder of a valid guarantee shall submit a guarantee claim through the guarantee service. Remember: before you submit a guarantee claim, contact our technical support using telephone or e-mail. More than 50% of operational problems are resolved remotely, saving time and money spent to initiating guarantee procedure. If remote support is insufficient, the Customer shall fill the guarantee claim form (using our website - www.fibaro.com) in order to obtain claim authorization. When the guarantee claim form is submitted correctly, the Customer shall receive the claim confirmation with a unique number (Return Merchandise Authorization -RMA).
 6. The claim may be also submitted by telephone. In this case, the call is recorded and the Customer shall be informed about it by a consultant before submitting the claim. Immediately after submitting the claim, the consultant shall provide the Customer with the claim number (RMA-number).
 7. When the guarantee claim form is submitted correctly, a representative of the Authorised Guarantee Service (hereinafter as "AGS") shall contact the Customer.
 8. Defects revealed within the guarantee period shall be removed not later than 30 days from the date of delivering the Device to AGS. The guarantee period shall be extended by the time in which the Device was kept by AGS.
 9. A faulty device shall be provided by the Customer with complete standard equipment and documents proving its purchase.
 10. Parts replaced under the guarantee are the property of the Manufacturer. The guarantee for all parts replaced in the guarantee process shall be equal to the guarantee period of the original device. The guarantee period of the replaced part shall not be extended.
 11. Costs of delivering the faulty device shall be borne by the Customer. For unjustified service calls, the Service may charge the Customer with travel expenses and handling costs related to the case.
 12. AGS shall not accept a complaint claim only when:
 - the Device was misused or the manual was not observed,
 - the Device was provided by the Customer incomplete, without accessories or mislabeled,
 - it was determined that the fault was caused by other reasons than a material or manufacturing defect of the Device
 - the guarantee document is not valid or there is no proof of purchase.
 13. The Manufacturer shall not be liable for damage to property caused by defective device. The Manufacturer shall not be liable for indirect, incidental, special, consequential or punitive damage, or for any damage, including, inter alia, loss of profits, savings, data, loss of benefits, claims by third parties and any property damage or personal injuries arising from or related to the use of the Device.
 14. The guarantee shall not cover:
 - mechanical damage (cracks, fractures, cuts, abrasions, physical deformations caused by impact, falling or dropping the device or other object, improper use or not observing the operating manual);
 - damage resulting from external causes, e.g.: flood, storm, fire, lightning, natural disasters, earthquakes, war, civil disturbance, force majeure, unforeseen accidents, theft, water damage, liquid leakage, battery spill, weather conditions, sunlight, sand, moisture, high or low temperature, air pollution;
 - damage caused by malfunctioning software, attack of a computer virus, or by failure to update the software as recommended by the Manufacturer;
 - damage resulting from: surges in power supply and/or telecommunication network, improper connection to the grid in a manner inconsistent with the operating manual, or from connecting other devices not recommended by the Manufacturer;
 - damage caused by operating or storing the device in extremely adverse conditions, i.e. high humidity, dust, too low (freezing) or too high ambient temperature. Detailed permissible conditions for operating the Device are defined in the operating manual;
 - damage caused by using accessories not recommended by the Manufacturer;
 - damage caused by faulty electrical installation of the Customer, including the use of incorrect fuses;
 - damage caused by Customer's failure to provide maintenance and servicing activities defined in the operating manual;
 - damage resulting from the use of spurious spare parts or accessories improper for given model, repairing and introducing alterations by unauthorized persons;
 - defects caused by operating faulty Device or accessories.
 15. The scope of the guarantee repairs shall not include periodic maintenance and inspections, in particular cleaning, adjustments, operational checks, correction of errors or parameter programming and other activities that should be performed by the user (Bypass).
- The guarantee shall not cover natural wear and tear of the Device and its components listed in the operating manual and in technical documentation as such elements have a defined operational life.
16. If a defect is not covered by the guarantee, the Manufacturer reserves the right to remove such defect at its sole discretion, repairing the damaged or destroyed parts or providing components necessary for repair or replacement.
 17. This guarantee shall not exclude, limit or suspend the Customer rights when the provided product is inconsistent with the purchase agreement.

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Please direct all technical questions to customer service centre in your country.

www.fibaro.com