

# FIBARO SYSTEM



*Your home, Your imagination*

## Fibaro Z-Wave modules:

- Compatible with any Z-Wave home automation system,
- Fibaro electronic modules are smallest devices of the type in the World and can be installed in all standard wall switch boxes,
- Each module can be installed in 3 minutes, using just a screwdriver,
- Designed and made in EU, in compliance with all EU regulations,
- Available in competitive prices.

Fibaro is a range of home automation system components, developed by a group of European Inventors - Fibar Group Ltd. Each product is made in Europe, by Europeans.

## For additional information please contact us:

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## Universal Dimmer 500W FGD211

### Product Overview:

Radio controlled light dimming module, designed to work with light sources of any type. May be connected to two-wire or three-wire cable. Fibaro Dimmer can switch or dim connected light source either through radio waves or through the wall switch connected directly to it. Automatically senses connected device, features automatic overload protection switch-off and soft start function.

Works as a dimmer or as a connector, with two-wire or three-wire cables.

In case of old type fluorescent light sources or old type transformers, only on/off function may be possible.

### Product Highlights:

#### **As a dimmer, works with:**

- Conventional fluorescent lamps,
- 230V operated halogen lamps,
- 12V operated halogen lamps,
- Dimmable LED lamps,
- Using Bypass FGB001, with any dimmable light source up to 500W.

#### **As a connector, works with:**

- Compact fluorescent lights,
- LED lamps,
- Old type fluorescent lamps.

Our Dimmer is the smallest device of the type in the World!



### **Technical Data:**

- Power source 230V +/-10%, 50Hz,
- Output power 25-500W (resistive loads only)\*,
- Conforms to UE regulations:EN55022 (radio wave interference), EN61000-6 (safety of use),
- Surge protection: 2,5A,
- Overheating protection: safety off at 105°C,
- Ambient temperature: 10°C - 40°C,
- To be mounted in standard wall switch boxes fi ≥ 50mm,
- Radio protocol: Z-Wave,
- Radio Frequency 868 MHz,
- Antenna range: up to ca. 50 meters outdoor, or up to 30 meters inside (depends on building structure),
- Outside dimensions (L x W x H) 42mm x 36mm x 15mm.

**\* in case of loads other than resistive, current intensity may not exceed 1.8A**

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## Blind/Roller Shutter FGR221

### Product Overview:

Radio controlled module, designed to work with electric motors in blinds, rollers, canopies and such. Fibaro Blind/Roller Shutter can steer connected device either through radio waves or through the wall switch, connected directly to it. Equipped with unique feature of monitoring current Roller/Blind position.

### Product Highlights:

- Controlled through other Fibaro devices or any Z-Wave controller,
- Microprocessor controlled,
- Our Blind/Roller Shutter is the smallest device of the type in the World!

### Technical Data:

- Power Source 110V - 230V +/-10% 50/60Hz,
- Output power up to 1kW,
- Conforms to UE regulations:EN55022 (radio wave interference), EN61000-6 (safety of use),
- Overheating protection: safety off at 105°C,
- Ambient temperature: 10°C - 40°C,
- To be mounted in standard wall switch boxes fi ≥50mm,
- Radio protocol: Z-Wave,
- Radio Frequency 868 MHz,
- Antenna range: up to ca. 50 meters outdoor, or up to 30 meters inside (depends on building structure),
- Outside dimensions (L x W x H) 42mm x 36mm x 15mm.

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## ON/OFF Relay Switch 1x3,0kW FGS211

### Product Overview:

Radio controlled Fibaro On/Off Relay Switch is designed to be installed in standard wall switch boxes, or anywhere else where it is necessary to operate an electric device of 3,0kW power output. Fibaro On/Off Relay Switch can switch on or off connected device either through radio waves or through the wall switch connected directly to it.

### Product Highlights:

- Controlled through other Fibaro devices or any Z-Wave controller,
- Microprocessor controlled,
- Our ON/OFF Relay Switch is the smallest device of the type in the World!

### Technical Data:

- Power Source 110V - 230V +/-10% 50/60Hz,
- Max. AC output: 16A / 230V 50/60Hz,
- Max. DC output: 16A / 30V,
- Max. power output (resistive loads only) 3 kW (in case of loads other than resistive it may be necessary to connect lower output in order to protect the Switch from damage),
- Conforms to UE regulations: EN55022 (radio wave interference), EN61000-6 (safety of use),
- Overheating protection: safety off at 105°C,
- Ambient temperature: 10°C - 40°C,
- To be mounted in standard wall switch boxes fi ≥50mm,
- Radio protocol: Z-Wave,
- Radio Frequency 868 MHz,
- Antenna range: up to ca. 50 meters outdoor, or up to 30 meters inside (depends on building structure),
- Outside dimensions (L x W x H) 42mm x 36mm x 15mm.

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## Double ON/OFF Relay Switch 2x1,5kW FGS221

### Product Overview:

Radio controlled Fibaro Double On/Off Relay Switch is designed to be installed in standard wall switch boxes, or anywhere else where it is necessary to operate two independent devices of 1,5kW combined power output. Fibaro Double On/Off Relay Switch can switch on or off connected devices either through radio waves or through the wall switch connected directly to it.

### Product Highlights:

- Controlled through other Fibaro devices or any Z-Wave controller,
- Microprocessor controlled,
- Our ON/OFF Relay Switch is the smallest device of the type in the World!

### Technical Data:

- Power Source 110V - 230V +/-10% 50/60Hz,
- Max. single AC output: 8A / 230V 50/60Hz,
- Max. single DC output: 8A / 30V,
- Max. combined power output (resistive loads only) - 2 x 1,5 kW (in case of loads other than resistive it may be necessary to connect lower output in order to protect the Switch from damage),
- Conforms to UE regulations:EN55022 (radio wave interference), EN61000-6 (safety of use),
- Overheating protection: safety off at 105°C,
- Ambient temperature: 10°C - 40°C,
- To be mounted in standard wall switch boxes fi ≥50mm,
- Radio protocol: Z-Wave,
- Radio Frequency 868 MHz,
- Antenna range: up to ca. 50 meters outdoor, or up to 30 meters inside (depends on building structure),
- Outside dimensions (L x W x H) 42mm x 36mm x 15mm.

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## Bypass Fibaro FGB-001

### Product Overview:

Bypass Fibaro is a device complementary to Fibaro Dimmer FGD211. Its installation makes possible to dim light sources with minimum power consumption, such as e.g. single 0,5Watt LED. Please note it is possible to dim only light sources clearly marked as dimmable.

### Product Highlights:

- Power source: 230V +/-10% 50Hz
- Overheating protection: safety off at 105°C,
- To be mounted in standard, wall switch boxes  $\geq 50$  mm,
- Outside dimensions (L x W x H) - 17mm x 18mm x 8,3mm.

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