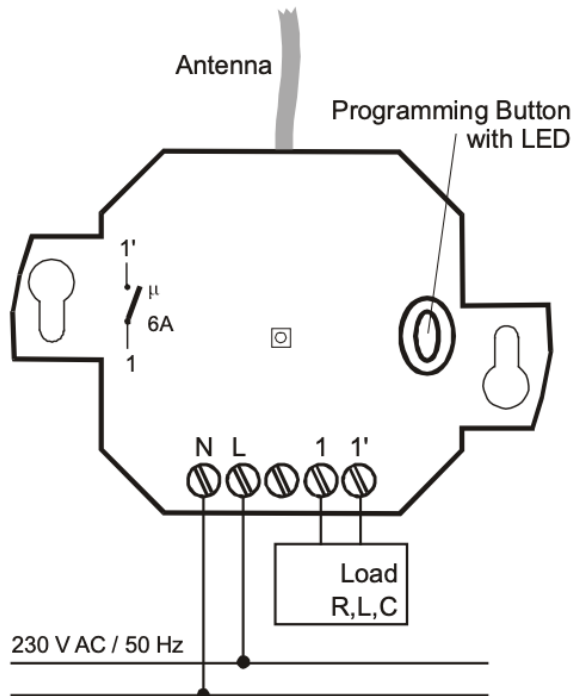


# Qbus Wireless potential-free relay (QWE REL01/230PF)



## 1. Product description

The QWE REL01/230PF is a wireless potential-free relay. This product is intended for switching low-powered devices on and off.

## 2. Commissioning

1. Mount the receiver in accordance with local conditions.  
**Info:** The receiver fits in almost any mounting box.
2. Connect the power supply and the device that is to be connected in accordance with the wiring diagram.  
**Attention!** Always observe electrical regulations.

After connecting, the receiver is in operating mode. The LED is now OFF.

3. Follow the instructions in System Manager III to connect this receiver to the QWI/EW module.

**Assembly advice:** Avoid mounting this product in the following locations because this may affect the wireless range:

- In an electricity cabinet or metal housing.
- In the immediate vicinity of large metal objects.
- On or near the ground.

## 3. Resetting

If the module is connected to the QWI/EW and you want to delete this connection, then take the following steps to reset the module:

1. Keep the program button pressed (for more than 1.6 seconds) until the LED blinks rapidly. The delete mode is now activated.

2. Keep the program button pressed again for more than 1.6 seconds. As soon as the module has been reset, the LED will light up for four seconds and subsequently blink again rapidly.
3. Now press the program button briefly (< 1.6 seconds) to return to normal operation.

## 4. Solving problems

If the receiver fails to respond to this module:

- Check that the wireless connection in the installation between this module and the QWI/EW is not disrupted.
- Check the configuration of the QWI/EW and whether the link with this module is still active.
- Check that other wireless devices with the same frequency, or that work at almost the same frequency, are not disrupting this product's operation.

If the module shows undesired operation:

- The module switches on or off at the wrong time.
- The relay is activated briefly and deactivates again on its own.
- The module does not respond to any control whatsoever and there is certainly good reception between the QWI/EW and this module.

Be sure to try resetting the module and reconnecting with the QWI/EW using the System Manager III.

## 5. Safety rules

Read the entire manual before installing the module and activating the system.

### WARNING

- The device must be mounted and commissioned by an authorised electrician in accordance with the country-specific regulations.
- The device may not be opened, except as described for replacing the battery. The guarantee provisions will be void if the module has been opened.
- Keep the batteries away from children.

## 6. Technical data

### General specifications

- Power supply: 230V AC / 50 Hz
- Modulation coding: FSK
- Wireless protocol: EasyWave:
- Range: free field: 150 m; buildings: 30 m
- Ambient temperature: -20°C to 60°C
- Maximum humidity: 93%, no condensation
- Maximum installation height: 2,000 metres

