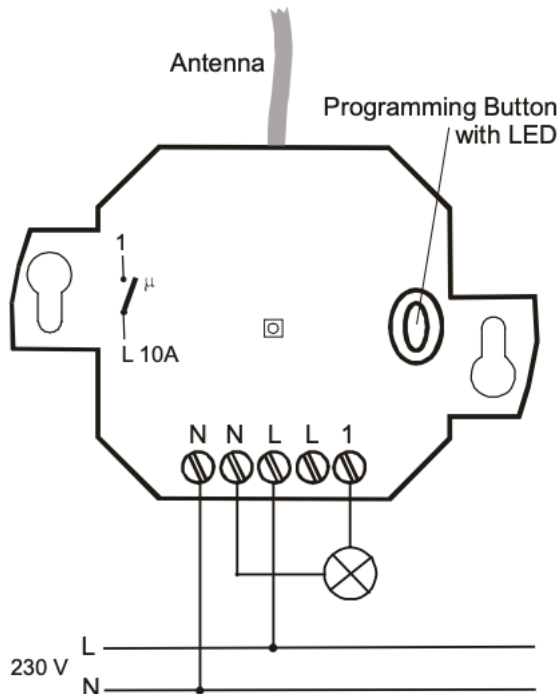


Qbus Wireless relay (QWE REL01/230)



1. Product description

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

2. Commissioning

- Mount the receiver in accordance with local conditions.
Info: The receiver fits in almost any mounting box.
- 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.

- 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:

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

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.

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. The guarantee provisions will be void if the module has been opened.

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

Maximum connected power

Type	Maximum power
Resistive Light bulb, halogen lamp etc.	10 A, 2,300 VA
Inductive (Halogen with transformer <i>minimum 85% loaded</i>)	2.6 A / 600 VA
Uncompensated or series compensated fluorescent lamps with ferromagnetic ballast	10 A / 2,300 VA
Parallel compensated fluorescent lamps with ferromagnetic ballast	2.6 A / 600 VA
Capacitive EB:	4 A / 920 VA



Technical product data sheet

Qbus Wireless relay (QWE REL01/230)

Electronic ballast, electronic transformer etc.	
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Physical specifications

- Protection grade: IP20
- Dimensions: 46 mm x 46 mm x 25 mm

CE marking

- In accordance with EMC and low voltage regulations. The module corresponds with EN 61000-4-2 and 50090-2.

7. Guarantee provisions

Period of guarantee: Two years from date of delivery. The guarantee does not apply if the module is opened!
Any faulty modules should be sent postage-free with a description of the defect to our customer service:

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