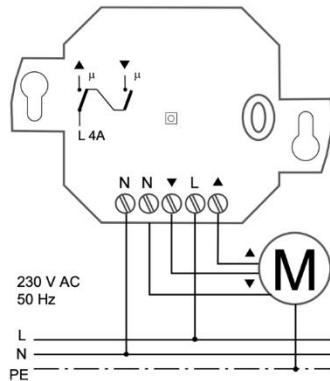# Qbus

PRODUCT INFORMATION
Technical specifications

Qbus Wireless Motor Control Module (QWE-ROL01/230)

1. Product description

The QWE R0L01/230 is a wireless motor control module that can be used to control a 230 V motor through a three-position controller in the Easywave protocol (UP/STOP/DOWN). When linked with the QWI/EW Qbus Wireless Interface you can also make use of the "Roller Shutter 1T" and "Roller Shutter 2T" Qbus address modes.

2. Safety rules

Please read the entire manual before installing and activating the module.

NOTE

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- The module must be installed, started and maintained by a qualified electrician in accordance with the applicable national legal regulations of the country where the module is installed.
- Please keep the module out of reach of children!
- The power must be switched off before any work can be performed on the QWE-ROL01/230.
- The warranty provisions will cease to apply if the module has been opened.

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3. Installation and taking into use

Placement: Avoid mounting this product in the following locations as this can influence the wireless reach of the module:
- In a metal electrical cabinet or housing;
- In the direct vicinity of large metal objects;
- On or near the ground.

NOTE: DISRUPT THE POWER SUPPLY TO THE MODULE BEFORE CARRYING OUT WORK ON THE MODULE.

- Switch off the power supply.

- Connect the power supply and the motor according to the wiring diagram.
- Check all connections
- Once everything has been connected correctly, switch the power back on.
- As soon as power is applied to the module, the receiver will be in operation mode. The LED is now OFF.
- Follow the instructions in System Manager III to pair this receiver with a QWI/EW module.

Reset: If the module is paired with the QWI/EW and you wish to clear this connection, follow these steps to reset the module:

- Press and hold the programming button until the LED starts to flash rapidly (more than 1.6 seconds). The delete mode is now activated.
- Press and hold the programming button again for more than 1.6 seconds. Once the module has been reset, the LED will light up for 4 seconds and then start flashing rapidly again.
- Now briefly press the programming button (< 1.6 seconds) to return to normal operation.

Troubleshooting:

If the receiver does not respond to this module:

- Check to see if the wireless connection in the system has been disrupted between this module and the QWI/EW.
- Check the configuration of the QWI/EW and check if the link with this module is still active.
- Make sure that other wireless devices with the same frequency or operating in close proximity to it are not interfering with the operation of this product.

If the module is not functioning as desired:

- The module switches on or off at the wrong time.
- The relay pulls for a short time and then drops out.
- The module does not respond to any controls and the reception between QWI/EW and this module is functioning properly.

In this case, try resetting the module and reconnecting it to the QWI/EW using System Manager III.

Attention: The QWE-ROL01/230 is equipped with an internal safety device that interrupts the power supply to the motor after 150 seconds. The run time may not exceed 150 seconds.

4. Technical data

General specifications

- Power supply: 230Vac / 50 Hz
- Electrical security automatic fuse max. C4A
- Modulation coding: FSK
- Wireless protocol: Easywave
- Range: free field: 150m; buildings: 30 m
- Ambient temperature: -20°C to 60°C
- Maximum humidity: 93%, no condensation
- Maximum installation height: 2,000 metres.

Maximum permissible capacity

- Resistive capacity cos phi = 1: 4A; 920VA if 230Vac
- Inductive capacity cos phi = 0.8: 3.2A; 736VA if 230Vac

Qbus Wireless Motor Control Module (QWE-ROL01/230)

Physical specifications

- Ingress protection rating: IP20
- Dimensions: 46x46x25

CE:
- Qbus declares that this product satisfies all applicable European directives and regulations.
- The EU- Conformity Declaration is available on request.

5. Warranty provisions

Warranty period: 2 years from date of delivery. The warranty does not apply if the module is opened! The warranty is subject to a two-year extension if the module was installed by an authorised Qbus installer. In case of defects, Qbus support should be contacted by an authorised installer. Following registration with Qbus support, the defective module can be sent to our Qbus support department free of charge.

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