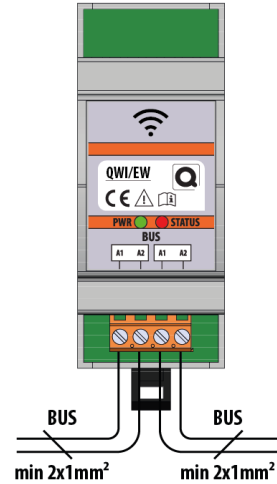


# Qbus Wireless Interface EasyWave (QWI/EW)



## 1. Product description

This module enables you to expand your Qbus installation with a wide range of wireless products. Once you have installed this module, you will be able to install 32 wireless products within a maximum indoor range of 30 m and a maximum of 150 m in the open field.

## 2. Safety rules

Read the entire manual before installing and activating the module.

### WARNING

- The devices must be installed, commissioned and maintained by a qualified electrician in accordance with the applicable legal requirements.
- This device is exclusively suitable for DIN rail assembly in accordance with EN50022. It must be mounted in a fire-proof distribution board with ventilation holes.
- Do not open the device. The guarantee is void upon opening the module.

## 3. Installation and wiring

### ASSEMBLY:

Click the device onto the DIN rail in accordance with DIN EN50022.

### BUS WIRING:

A shielded cable with guide rails of at least 2x 1 mm<sup>2</sup> can be used as a bus cable. The green shielded EIB cable is also allowed if the guide rails are used two at a time in order to obtain a cross-section of at least 2x 1 mm.

**IMPORTANT: THE BUS CABLE MUST BE SHIELDED AND EARTHED. CONNECT THE EARTH TO THE BUILDING'S MAIN EARTHING TERMINAL.**

### POWER SUPPLY:

The QWI/EW is fed by the bus.

### LED-INDICATOR QWI/EW:

Green light:

- PWR: ON = power supplied from bus.

**Red light: LED status = blinks for two seconds during start-up. Also blinks during programming.**

## 4. Technical data

### General specifications

- Power supply: bus
- Ambient temperature:  
Working temperature: 10°C to 50°C  
Storage temperature: -10°C to 60°C
- Maximum humidity: 93%, no moisture condensation
- Bus power supply: 30 mA at nominal 13.8 V
- Max. assembly height: 2,000 metres.

### QWI/EW Connections

- A maximum of 32 QWE products can be controlled by one QWI/EW module.
- The maximum distance between the QWI/EW and the QWE modules is 30 m.

### Physical specifications:

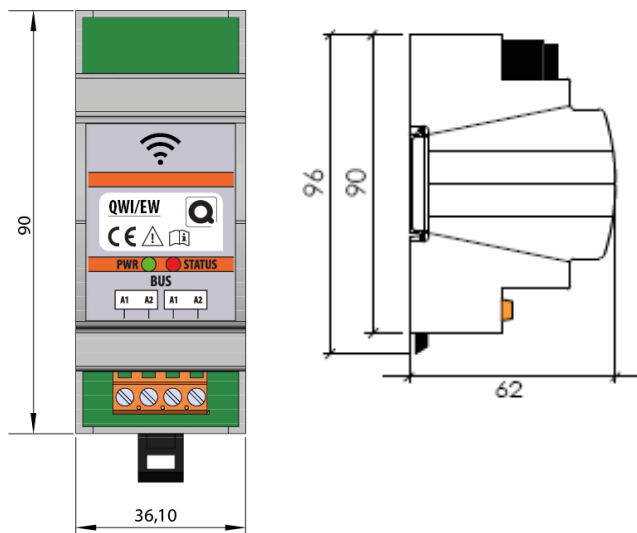
- Housing: plastic, self-extinguishing in accordance with UL94-V0
- Protection grade: IP20, EN60529
- Installation: rapid installation on DIN rail, width two modules
- Dimensions (H x W x L): 62 mm x 90 mm x 36 mm
- Weight: approx. 72 g

### CE:

- Bus: 13.8 V DC low voltage
- Non-toxic, in accordance with WEEE/RoHS
- Corresponding with EN 60730-1:2000-11 +A11 2002

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### 5. Guarantee provisions

Period of guarantee: Four years after delivery date. The guarantee is void upon opening the device. In the event of a defect, contact our customer service for further handling:

**Qbus N.V.**  
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