

# Qbus 230V USB Adapter 12W built-in for QFRAME (QFRAME/USB)



1 QFRAME/USB

## 1. Product description

The QFRAME/USB is a 230V powered USB adapter for Qbus' QFRAME. This USB adapter provides 12V (2.4A maximum) power for various types of Ipad. The power cable of the Ipad (included with the QFRAME) is hidden behind the tablet thanks to its built-in connector.

The QFRAME/USB is installed in commercially available flush-mounted boxes in accordance with DIN 490730-1, with a minimum depth of 40 mm. Clamps are included for installation in gyproc walls.

The adapter has a double power connection, allowing easy looping through of the power supply. The power supply must be fused at 16A.

The adapter has a minimum standby loss of less than 50 mW.

## 2. Safety rules



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

### ATTENTION

- The product must be installed, started and maintained by a qualified electrician in accordance with the applicable legal regulations of the country.
- Before working on the QFRAME/USB, the power must be switched off.
- The product must not be opened. The warranty will be void if the module is opened!
- Do not use the product in an environment accessible to children.

## 3. Installation and wiring

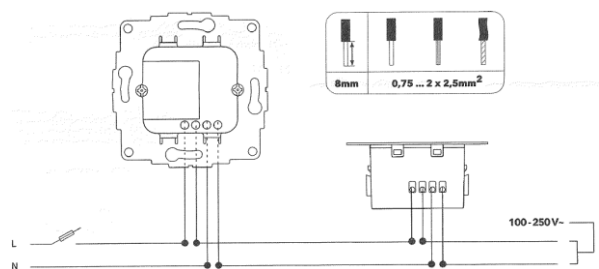
**CAUTION : DISCONNECT THE POWER SUPPLY TO THE UNIT BEFORE WORKING ON THE FRAME.**

### USB cable connection:

Connect the USB cable before mounting the adapter in the built-in box.

### Power supply:

Connect the power supply according to the diagram below.



### Installation of adapter:

Insert the adapter into the flush-mounted box and screw the adapter tightly against the flush-mounted box.

## 4. Technical data

### General specifications:

- Ambient temperature:  
Operating temperature: 5°C to 45°C  
Storage temperature: -10°C to 60°C
- Maximum humidity: 93 %, no moisture condensation
- Max. mounting altitude: 2,000 metres above sea level

### Electrical specifications:

- Power supply: 100 - 250V ~50/60Hz
- Input current: max 1.5A
- Output voltage 4,75V - 5,25V DC
- Output current 0.01 - 2.4A
- Output power 12.0W
- Energy efficiency: > 86%
- Standby losses: < 50 mW

### CE:

- Qbus declares that this product meets all applicable European directives and regulations.
- The EU declaration of conformity is available upon request.

### Fysical specifications:

- Plastic housing
- Protection rating: IP20, EN 60529

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- Installation: screws and/or terminals
- Dimensions (h x w x l): 52mm x 45mm x 33mm
- Weight: approx. 100g

## 5. Explanation of symbols



Equipment which protection against the risk of electrical contact is based not only on basic insulation but also on additional protection such as double insulation or reinforced insulation. There is no option to earth the equipment.



The operating instructions of the product in question must be read before the device is connected. ISO7000-0434



Mains connection (230V) to the power connector. IEC 60417-5036



CE conformity. All declarations of conformity are available upon request.

## 6. Warranty provisions

Warranty period: 2 years from the date of delivery. The warranty will no longer be valid if the module has been opened! The warranty period will be extended by 2 years if the module has been installed by an authorised Qbus installer. Qbus support must be contacted first in case of shortcomings, after which defect modules can be sent to our service department at no cost:

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