Honeywell PEHA

EN

Installation and operating instructions

D 6511.xx Si USB

Earthed mains socket with USB charge socket

1. Safety

WARNING!
Danger due to a failure to observe the instructions.

These instructions contain important information for the safe handling of the device. Potential dangers are specifically highlighted. Failure to observe this information can lead to death or serious injury.

- Read the instructions through carefully.
- Observe the safety information in these instructions.
- Store the instructions in an accessible location.

1.1 Intended use

The device is intended for the following use only:

– Power supply to electrical consumers with mains plugs.
– Power supply for charging portable electronic consumers with USB connection (e.g. mobile phones, tablets, MP3 players).
– Installation in ø 58 mm accessory box.

Use only when in technically faultless condition and after correct mounting with approved socket faceplate.
Intended use also includes reading and observing these instructions.

1.2 Authorised target groups

Mounting, installation and fault diagnostics by qualified electricians exclusively. Requirements:

– Knowledge of the basics of electrical engineering.
– Knowledge of the national regulations and standards.
– Knowledge of the applicable health & safety and accident prevention provisions.
– Knowledge of these instructions.

Operation and disposal by the user. Requirements:

– Knowledge of these instructions.

1.3 General safety information

In the following cases, use of the device is prohibited:

– In case of damage to the device or individual components.
– In case of unauthorised modifications or changes to the device.
– For children and persons who are unable to assess the dangers of handling the device.

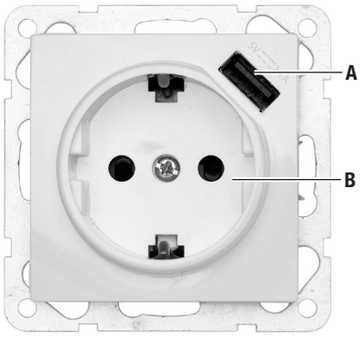
In the following cases, the manufacturer accepts no liability for damage:

– With a failure to observe these instructions.
– With non-intended use.
– With use by unauthorised target groups.
– With the use of spare parts, that have not been manufactured or approved by the manufacturer.
– If the safety equipment on the device has been bypassed.

Further safety information is provided in the respective relevant sections of these instructions.

2. Product

Figure: D 6511.xx Si USB



A USB charge socket
B Earthed mains socket

Technical information	
Nominal voltage	220-240 V~ / 50-60 Hz
Nominal current	16 A
USB charge socket	USB 2.0 / USB 3.0
USB type	A
USB charge voltage	5 V DC
USB charge current	max. 2,1 A
Ambient temperature	10 to 25 °C
Storage temperature	-20 °C to 70 °C
Plug-in terminals for solid wires	3 x 1,5 mm² or 3 x 2,5 mm²
Protection class	IP 20

The output of the device is galvanically isolated.
The USB charge socket is protected against over-current and short-circuits.

The device fulfils:

– Directive 2011/65/EU (RoHS)
– Directive 2014/30/EU (EMC directive)
– Directive 2014/35/EU (low voltage directive)
– Ordinance (EC) no. 1907/2006 (REACH)

CE

3. Mounting and installation

3.1 Safety information for mounting

– All work on the supply network and device must be performed by qualified electricians.
– Observe the applicable laws and regulations of the country in which the device is operated.
– Observe the current state of technology at the time of installation.
– The provisions of these instructions, with the specifications of the electrical system, are to be observed.

WARNING!
Risk of electric shock.

A failure to observe the ambient conditions can lead to dangerous situations when working with current.
The device contains current-carrying parts. Contact with live parts can lead to electric shock, burns or death.

- Power off the electrical system before installation.
- Secure the electrical system against being powered on again.
- Check that the device is powered off.
- Close housing securely before switching on.

CAUTION!
Danger of damage due to incorrect mounting.

An incorrect connection can destroy the device.

- Only mount the device in a faultless condition.
- Protect the device against moisture.
- Make sure that cables are not damaged, kinked or crushed.
- Observe the mains voltage (type plate).
- Make sure that the mains supply is suitable.
- Protect supply line with circuit breakers (F = max. 16 A).
- Use suitable fastening material.

CAUTION!
Danger of damage due to improper testing of the insulation resistance.

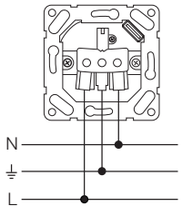
Carrying out an insulation test whilst the system is switched on can result in the device being destroyed. A test whilst powered will lead to incorrect results.

- Isolate the system from power before testing the insulation resistance.

3.2 Installation

- Make sure the electrical system is powered off.
- Make sure the connected load corresponds with the installation situation.
- Vertical installation on flat surface.
- Make sure the accessory box is in a suitable location.
- Strip approx. 10 mm of insulation off the wires.
- Connect the device in accordance with the circuit diagram.
- Insert the device in the accessory box.
- Secure the device in place with screws.
- Attach frame and cover.
- Switch on the electrical system.

Circuit diagram



4. Operation

CAUTION!
Danger of damage due to disregard of the charging instructions

Excessive charging voltage can destroy the electronic consumer.

- Charge only electronic USB consumers that are suitable for the stipulated charge voltage.
- Observe the charging instructions of the USB consumer.

Using the USB charge socket

Mobile electronic consumers with USB plugs can be charged and operated with the USB charge socket.

- Connect the consumer with the USB charge socket:
- Ensure that the plug is the right way up.
- Do not apply force when inserting.

5. Troubleshooting

Faults during operation

- Check circuit breaker and supply voltage.
- Check connected electrical loads and connection cables.

If a fault cannot be remedied:

- Please contact your specialist dealer.

6. Disposal

The device contains electrical components and is subject to the European directive 2012/19/EU for used electrical and electronic equipment. The enclosure is made from recyclable plastic.

- When the device reaches the end of its life, do not dispose of it with normal household waste.
- Contact your town or district council to find out about possibilities for the environmentally friendly reuse (recycling) or appropriate disposal of the device.
- Dispose of the device in accordance with the legal regulations, via a disposal company or at a municipal waste disposal centre.

7. Contact

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