

Tile USB2.0 and Type-C Socket

HDL-MP1-USB-Type C/TILE.48

Datasheet
Version: V1.0

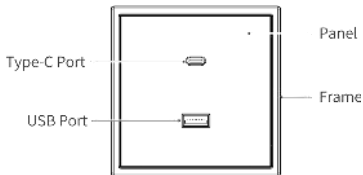


Figure 1

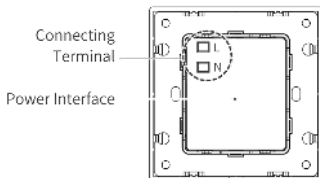


Figure 2

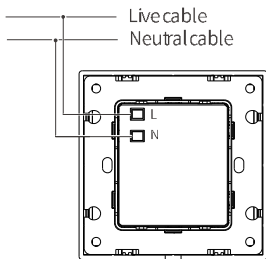


Figure 3

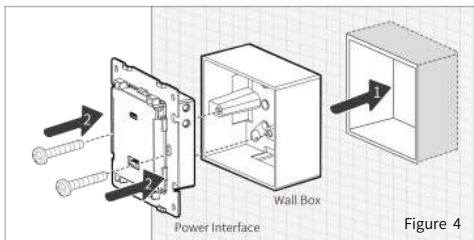


Figure 4

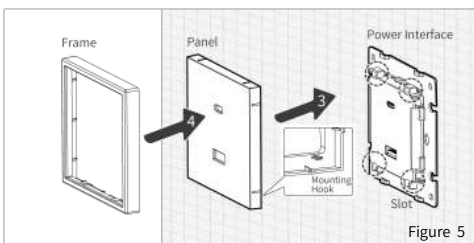


Figure 5

Overview

Tile USB2.0 and Type-C Socket (hereinafter referred to as the “product” or “device”) is equipped with one Type-C port and one USB port, providing fast charging for Type-C and USB 2.0 devices at the same time.

Note: The pictures in this datasheet are for reference only and the actual product should prevail.

Please read the datasheet carefully before use.

Appearance

See Figure 1 & 2



Safety Precautions

- The installation and testing for the product must be carried out by HDL Automation Co., Ltd. (hereinafter referred to as HDL) or its appointed service agencies. The electric construction shall comply with local laws and safety regulations.
- HDL will not be responsible for any consequence caused by the inexpert or faulty installation and wiring methods, which are not in accordance with the instructions contained in this datasheet.
- Please do not privately disassemble or replace any parts of the product. Otherwise, it may cause mechanical fault, electric shock, fire or personal injuries.
- Please contact HDL after-sales departments or our designated service agencies for your maintenance service. Product failures caused by private disassembly are not subject to the warranty.
- Prior to performing installation or disassembly on the device, disconnect the device from all voltage sources.
- It is a MUST to install the device with wall box.
- Do not use corrosive liquid to wipe the device body, especially the interface, so as to avoid damage to the device.
- Do not wipe the device with damp cloth.
- Prior to performing maintenance or cleaning on the device, disconnect the device from all voltage sources, so as to avoid electric leakage and electric shock.

Wiring

See Figure 3.

⚠ Note: After all of the cables are terminated, check for correct and good terminations.

Installation

📖 **Tips:** Before installation, if the panel is still assembled with power interface, please remove the panel by following the instructions in the section *Disassembly*.

⚠ **Warning:** Prior to performing installation on the device, disconnect the device from all voltage sources.

For installation, please see Figure 4 & 5 and the following instructions.

Step 1. Place the wall box into the proper wall body.

⚠ **Note:** Before installation, please get the necessary cables ready in the wall box.

Only 86-type wall box is available for installation. The depth of wall box should be $\geq 50\text{mm}$.

Step 2. Fix the power interface into the wall box with screws.

Step 3. Align the mounting hook with the slot, then assemble the panel onto the power interface.

Step 4. Assemble the frame onto the panel.

⚠ **Note:** Before powering on, please ensure the device is tightly onto the wall body.

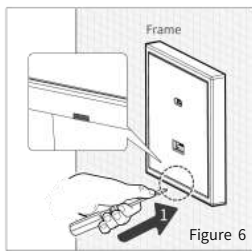


Figure 6

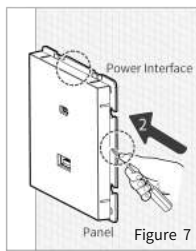


Figure 7

Disassembly

Warning: Prior to performing disassembly on the device, disconnect the device from all voltage sources.

For disassembly, please see Figure 6 & 7 and the following instructions.

- Step 1. It is recommended to use a screwdriver to loosen the frame from the opening.
- Step 2. It is recommended to place a screwdriver between the gap of the panel and power interface, then loosen the panel.
- Step 3. To remove the panel and power interface, please refer to the reverse steps in the section *Installation*.

Technical Data

Rated voltage	220V AC, 50Hz
Rated current	2.2mA/220V AC
Output power	20W
USB-A output	5V/3A, 9V/2A, 12V/1.5A
Type-C output	5V / 3A, 9V / 2.22A, 12V / 1.67A
USB-A + Type-C output	5V/3A MAX.
Working temperature	-5°C~45°C
Working relative humidity	≤90% RH, non-condensed
Storage temperature	-20°C~60°C
Storage relative humidity	≤93%

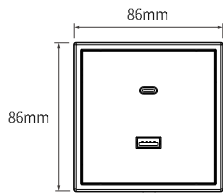


Figure 8

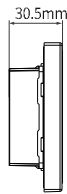


Figure 9



2 gang



3 gang



4 gang

Figure 10

Note: The panels with plastic frames can be only installed horizontally.

Frame Name	Frame Type	Gang	Dimensions (W X H X D)
2/3/4-gang frames	Plastic	2 gang	172 X 86 X 10.5(mm)
		3 gang	258 X 86 X 10.5(mm)
		4 gang	344 X 86 X 10.5(mm)

Specifications

Dimensions (W X H X D)	86×86×30.5 (mm) (with plastic frame) (see Figure 8 & 9)
Net weight	102.7g (without plastic frame) 113.7g (with plastic frame)
Housing material	Flame-retardant PC
Installation	Wall box (see Figure 4 & 5)
Protection rating (Compliant with EN 60529)	IP20

Packing List

Tile USB2.0 and Type-C Socket *1 / Screw*2 / Datasheet*1

Technical support

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Website: <https://www.hdlautomation.com>

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