



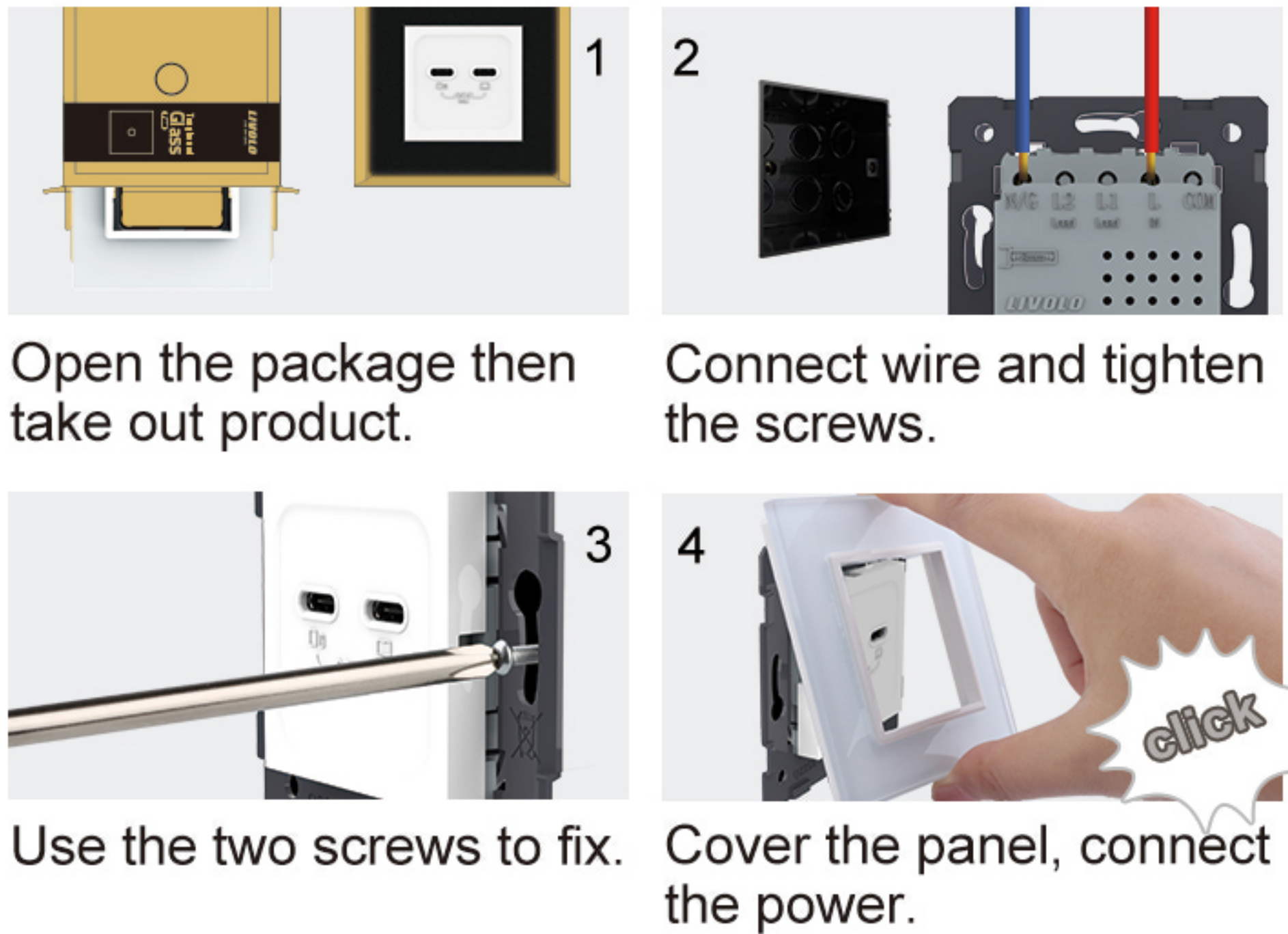
65W Dual USB-C
Outlet Module Manual

<http://www.livolo.com>

Special Notes

- 1. Be sure to turn off the power before installation.
- 2. Wiring should be done in strict accordance with the wiring diagrams.
- 3. The size of the installation screw hole is 60mm, and the diameter of mounting box should be at least 72mm, and the depth of mounting box is 65mm.

Installation Instructions

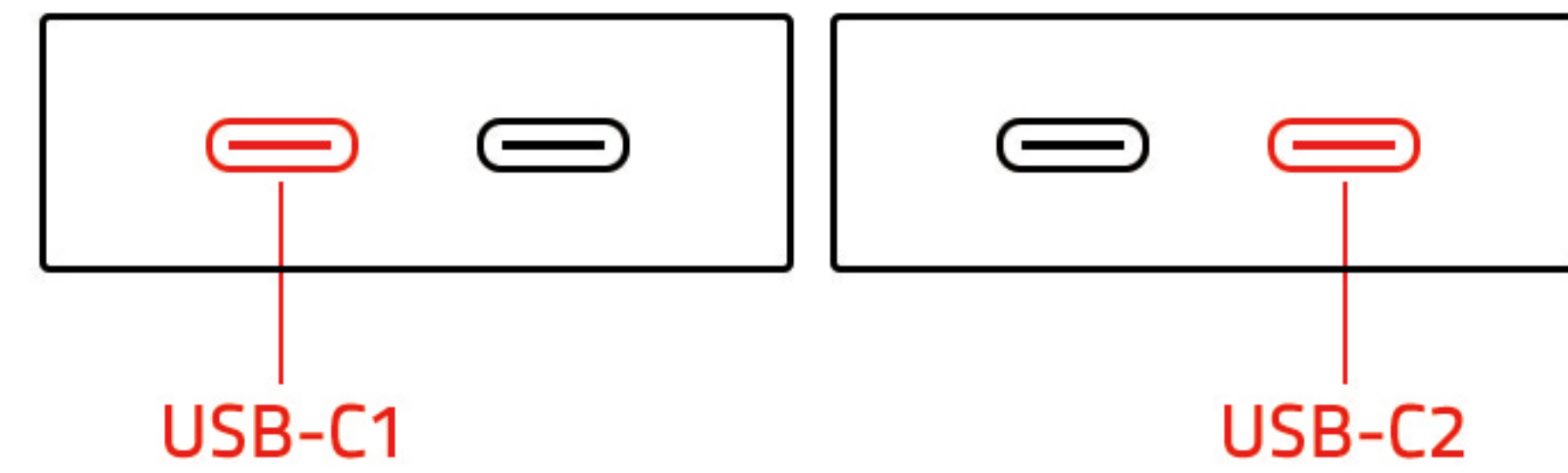


Product Description



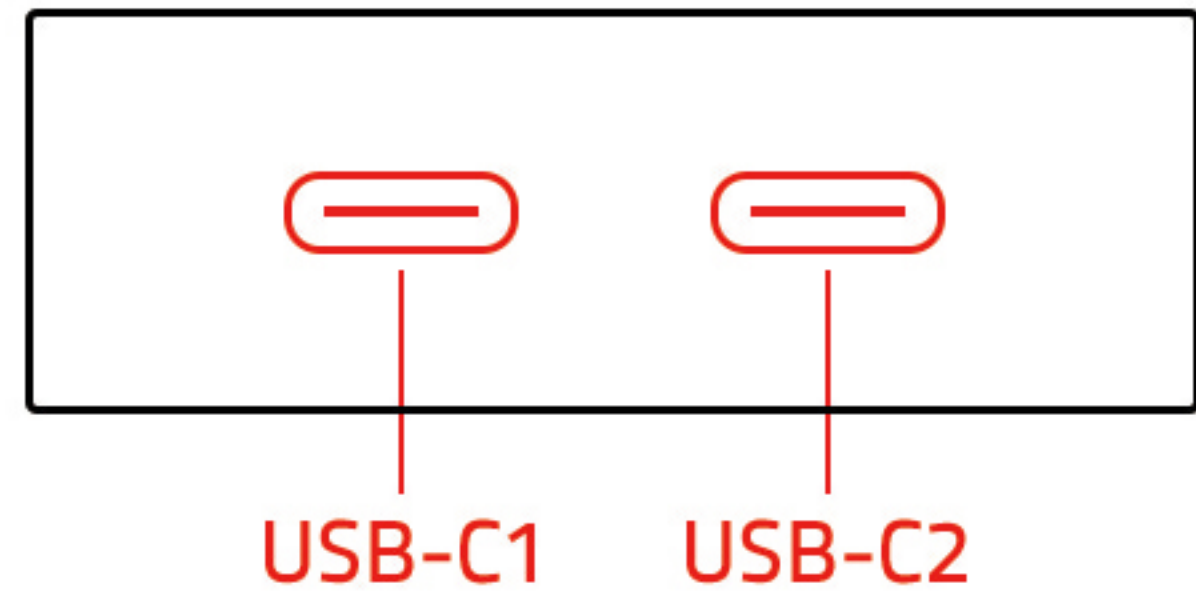
This product is a 65W charger functional module manufactured using a new semiconductor material process (GaN Gallium Nitride). It features a compact size and is easy to use. It supports a comprehensive range of charging protocols including PD, QC, FCP, AFC, APPLE 5V/2.4A, and BC1.2 DCP. A single Type-C port can deliver a maximum output power of 65W, while dual-port simultaneous output supports 45W + 15W. It can provide PD fast charging for most laptops and mobile phones. The product incorporates multiple safety protection circuits such as over-current, over-voltage, and over-temperature protection.

Single Port Output:



USB-C1 or C2: 5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/3.25A (65W Max).

Dual Port Output:



USB-C1: 5V/3A.
USB-C2: 5V/3A, 9V/3A, 12V/3A, 15V/3A, 20V/2.25A (45W Max).

Function Introductions

Upon connecting a charging device, it automatically performs protocol handshake to identify and match the optimal supported charging mode, subsequently delivering the required charging voltage/current.

Tips

Please read all instructions and warnings before using this product, Non-standard use will damage the product or personal safety:

- 1. Do not install the product in high temperatures,

strong light and strong magnetic fields, and do not install it in other harsh environments such as near fire sources.

2. Improper use of the product can easily cause damage to the product or may endanger personal and property safety.

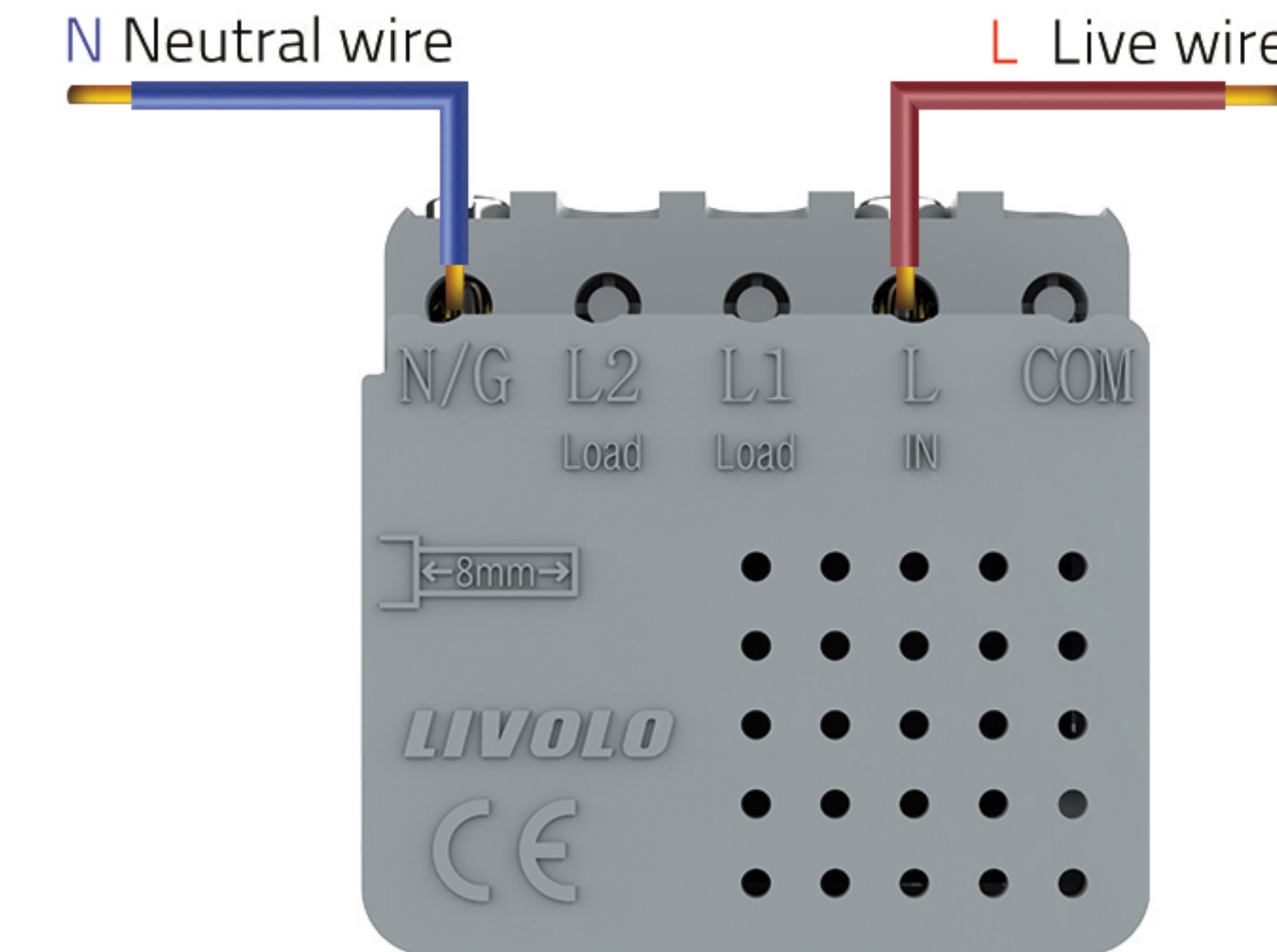
3. Consumer shall be liable for any personal and property damage resulted from their improper use of the product against the user manual, to which our company will not bear any legal liability.

4. Non-professionals are strictly prohibited from disassembling this product.

5. Avoid using electrical appliances or loads that exceed the output current of the product (the circuit protection will be triggered and output will cease).

6. Avoid subjecting the product to strong physical impact, such as knocking, throwing, squeezing, or stepping on it.

Wiring Instructions



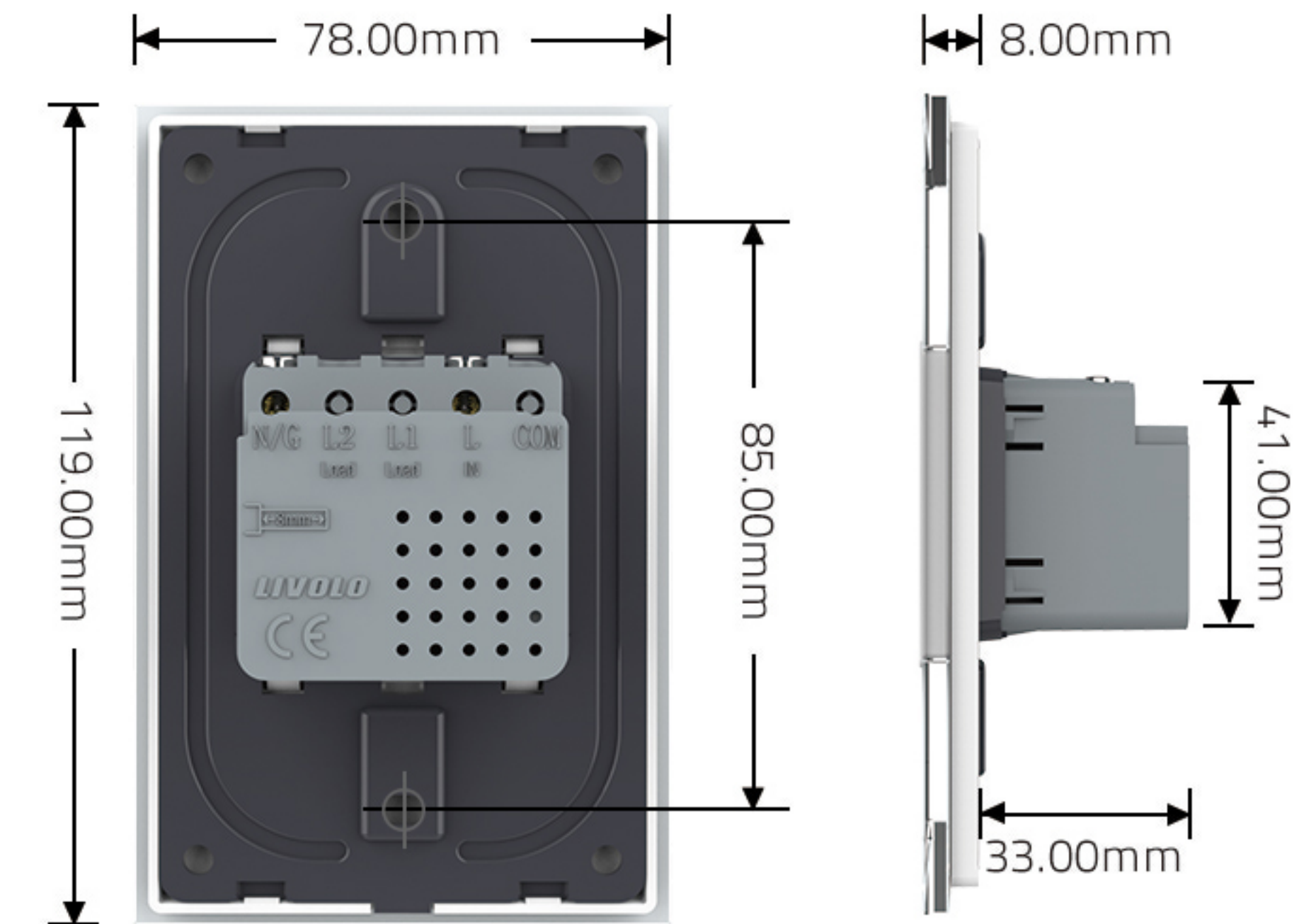
Product Specifications

No.	Technical index	Requirements
1	Dimensions	45mm*45mm*42.6mm
2	Voltage	100-240V~ 50/60Hz
3	Rated output	USB-C1/C2: 5V/3A、9V/3A、12V/3A、15V/3A、20V/3.25A USB-C1 + USB-C2: 5V/3A + 5V/3A、9V/3A、12V/3A、15V/3A、20V/2.25A
4	Supported Protocols	PD、QC、FCP、AFC、APPLE 5V/2.4A、BC1.2 DCP

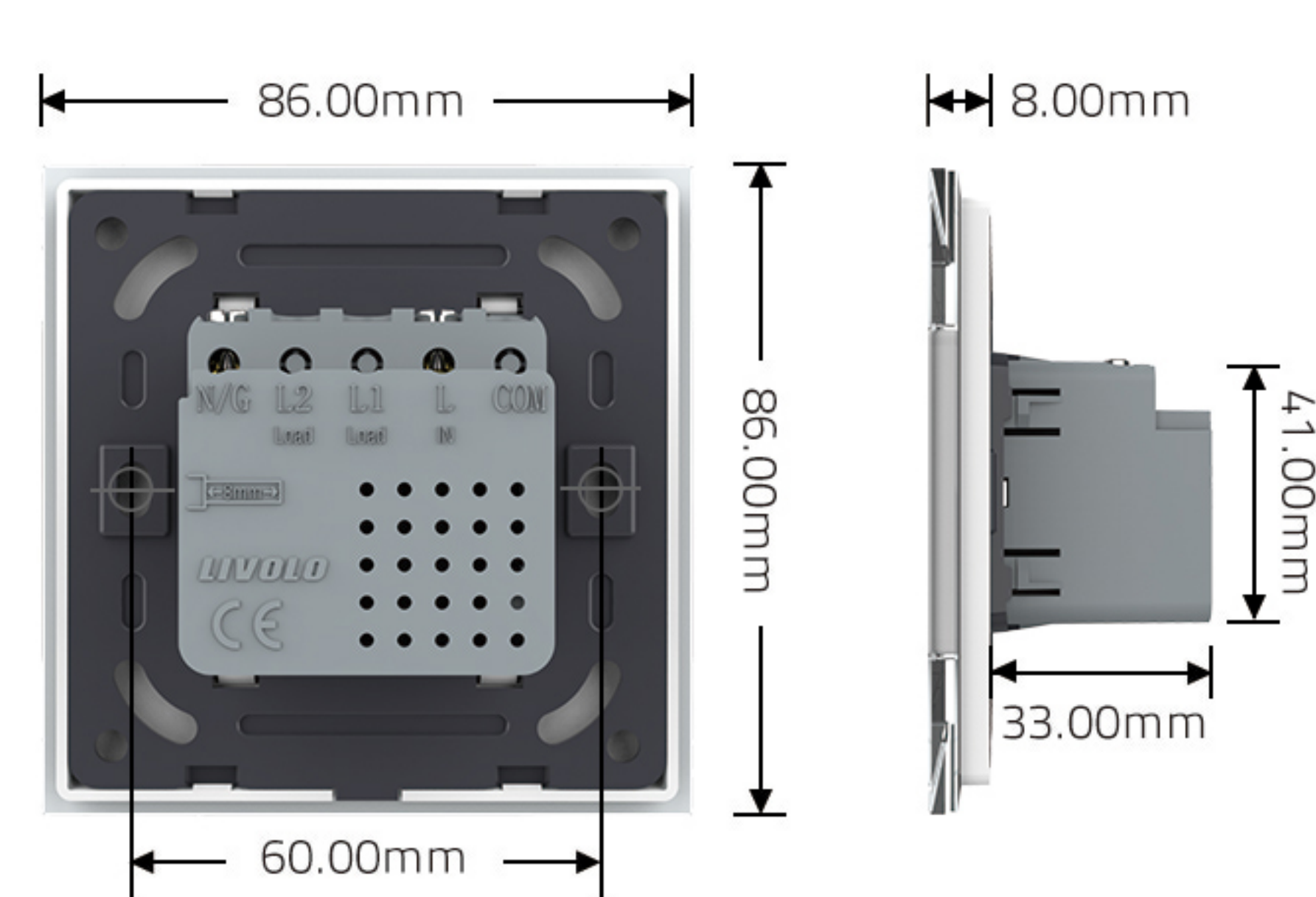
No.	Technical index	Requirements
5	Operating Conditions	0°C to +40°C Non-tropical regions at altitudes below 2000 meters
6	Flame-Retardant Housing	Yes

Product Dimensions

C9:



B6:



C7:

