



Multitouch Glass keypad IoT with 13 keys and two relays KNX-K4IoTgx-x

Description

The KNX-K4IoT is a premium IoT glass keypad with integrated temperature sensor and wall actuator. It ensures quick and secure installation through KNX IoT technology with encrypted wireless-mesh and IPv6 communication. Additionally, it is fully compatible with other KNX infrastructures and can be easily retrofitted into existing buildings.

References

White

KNX-K4IoTGL-W	Glossy White - Visible Keys
KNX-K4IoTGM-WX	Matte White - Visible Keys
KNX-K4IoTGM-W	Matte White - Discreet Keys

Black

KNX-K4IoTGL-B	Glossy Black - Visible Keys
KNX-K4IoTGM-BX	Matte Black - Visible Keys
KNX-K4IoTGM-B	Matte Black - Discreet Keys

Functionalities

Configurable with ETS6 version 6.3 or higher;
 4 Independent touch buttons;
 4 Vertical sliders and 4 Horizontal sliders;
 1 All4Touch button (multitouch);
 4 Independent LEDs:
 - Indication of pressed buttons;
 - Following objects status(LEDs).
 Integrated temperature sensor;
 Buzzer for audible indication of user actions;
 Night mode:
 - Inhibit following objects state;
 - Buzzer disabled;
 - 1 middle presence LED*.

*Just applicable to white glass keypads

Features

2 On/Off or 1 Shutter;
 KNX IoT uses latest KNX Secure over encrypted IPV6;
 Mesh and panel-integrated antenna;
 2.4Ghz same as Wifi;
 Seamlessly interoperability with other KNX infrastructure;
 All the advantages of ETS.

Application

KNX installations and renovation (Housing, Hotels, Offices, Factories, others).

Certifications

- EMC directive 2014/30/EU
- Radio Equipment Directive 2014/53/EU



HREAD

Protections

The power of this unit must be protected by the 10A circuit breaker that protects the lighting circuit or shutter in which it is inserted. This circuit breaker can protect several circuits and therefore several commands.

Notes

The starting current of capacitive loads can greatly exceed the rated current of the relays, causing damage to them. In such cases, a contactor must be used. Please refer to the electrical characteristics of your load for the correct operation of this unit.

Assembly

Included in the box:

- Multitouch Glass Keypad;
- W-KNXIoT;
- Connection cable.

Connections

L - Phase x 2 for single-wire 1.5 mm Ø
 N - Neutral x 4 for single-wire 1.5 mm Ø
 L1▼ - Output /Down 1 x 2 for single-wire 1.5 mm Ø
 L2▲ - Output /UP 1 x 2 for single-wire 1.5 mm Ø

Electrical characteristics

Power Supply:	110-230VAC 50 60Hz
Maximum consumption:	0.5W
Maximum current:	16 A total (cos φ = 1) 10 A total (cos φ = 0.4)
Type Of Protection	IP20

Cleaning the touch panel

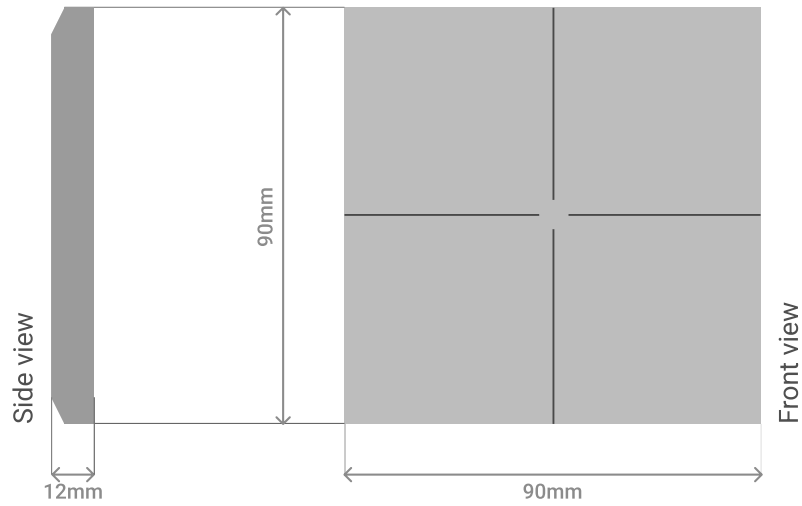
To clean your keypads, use a damp cloth with diluted soap or mild detergent.



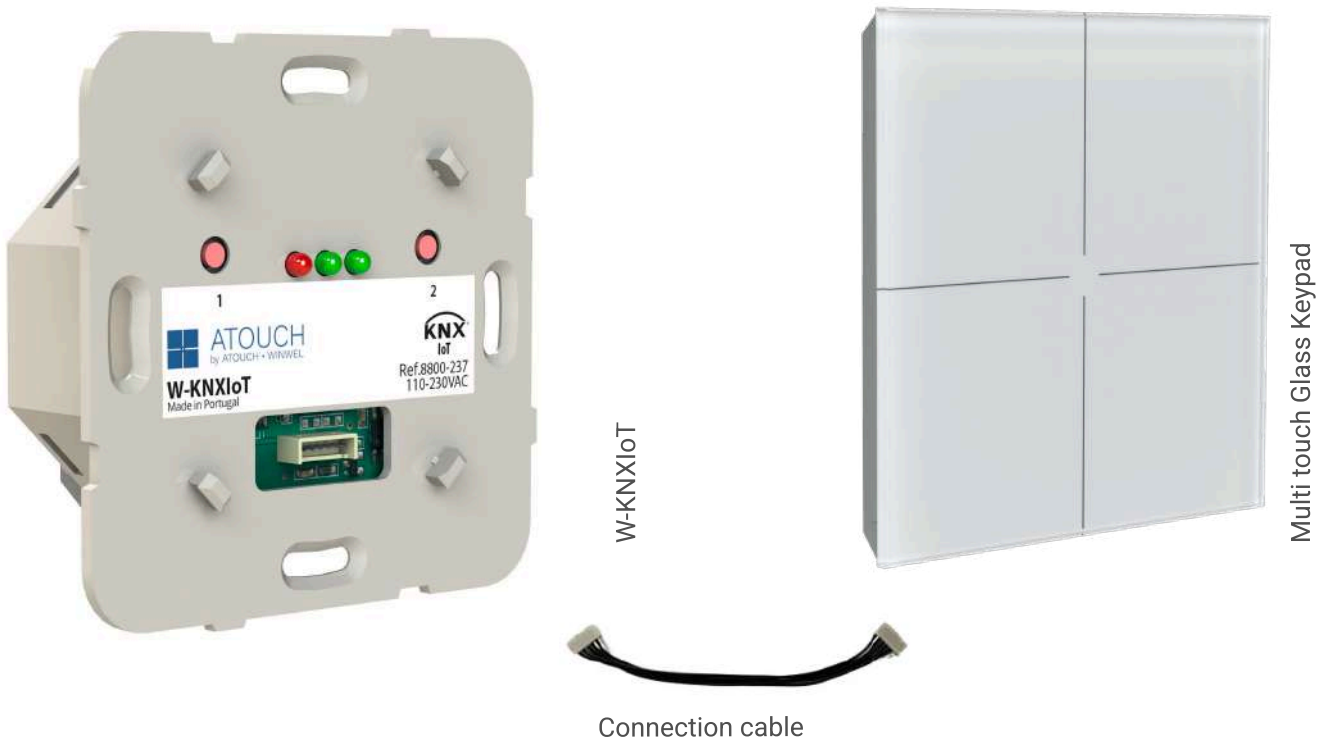


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Dimensions

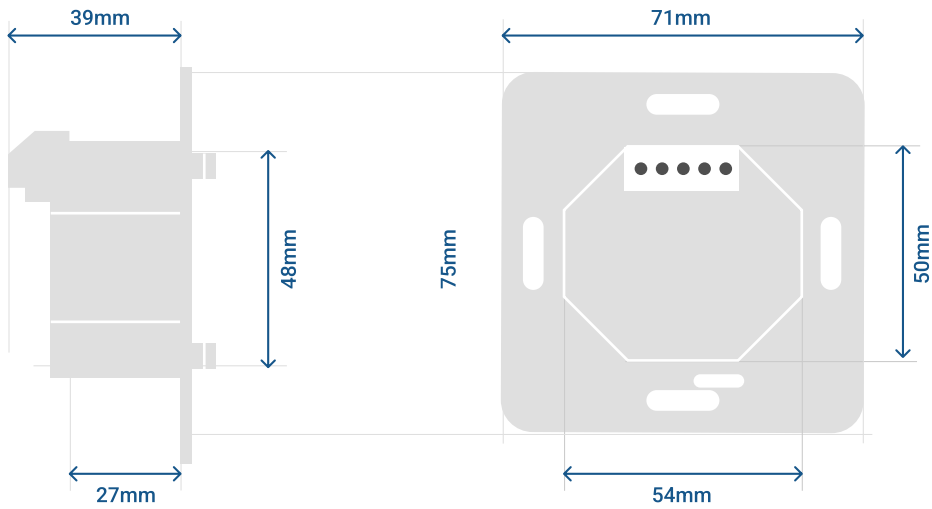


Wiring diagram

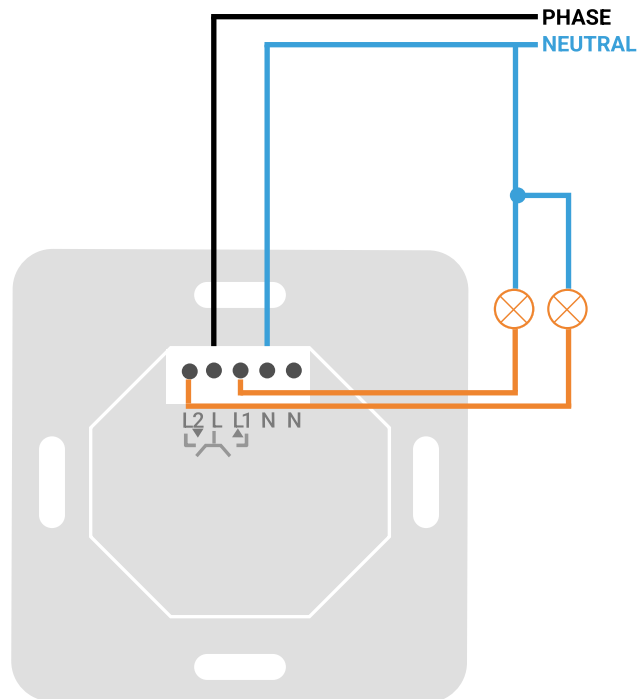


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Dimensions W-KNX



Wiring diagram On/Off Outputs



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Wiring diagram Shutter Output

