

Specifications		KNX Bus Current	
		3mA (Only for communication)	
Push Buttons		1x KNX Programming Button	
Type of Protection	IP20	Sensors	Temperature sensor (±0,2°C sens)
Interfaces	IPS Touch Screen		Humidity sensor (±2% RH sens)
Commissioning Mode	S-Mode		Air Quality sensor (0-500 VOC index)*
Max Air Humidity	< 90 RH		Brightness sensor (up to 1800 Lux)
			Proximity sensor (up to 300mm)
Certification	KNX Certified	Temperature Range	Operation (-5°C ... 45°C)
Configuration	Configuration with ETS		Storage (-25°C ... 60°C)

*Air Quality Sensor depends on model, currently not standard equipped

Safety instructions

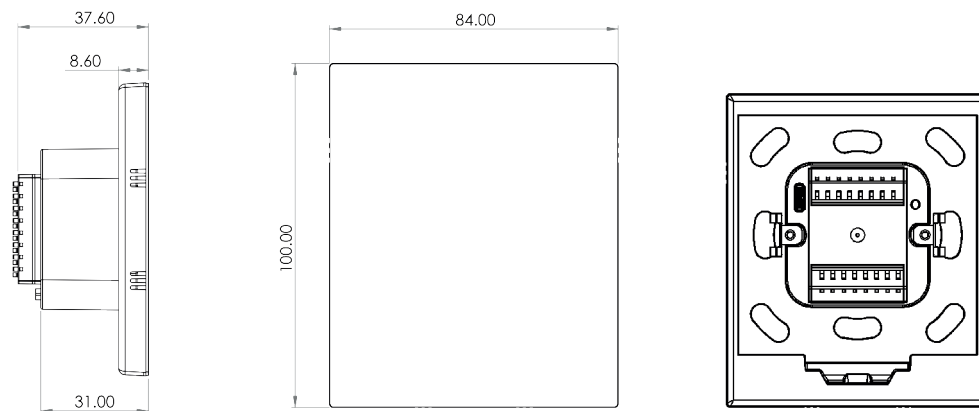
- All installations should only be performed by qualified personnel following applicable regulations on preventing accidents, as required by law.
- Do not connect the main voltage (230VAC) or any other external voltages to any point of the KNX bus.
- Connecting an external voltage might put the KNX system at risk.
- Ensure that there is enough insulation between 230VAC voltage cables and the KNX bus.
- Do not expose this device to direct sunlight, rain or high humidity.
- Clean the product with a clean, soft, damp cloth.
- Do not use aerosol sprays, solvents or abrasives that might damage the device.
- Screw down strength is 1Nm.

Marks

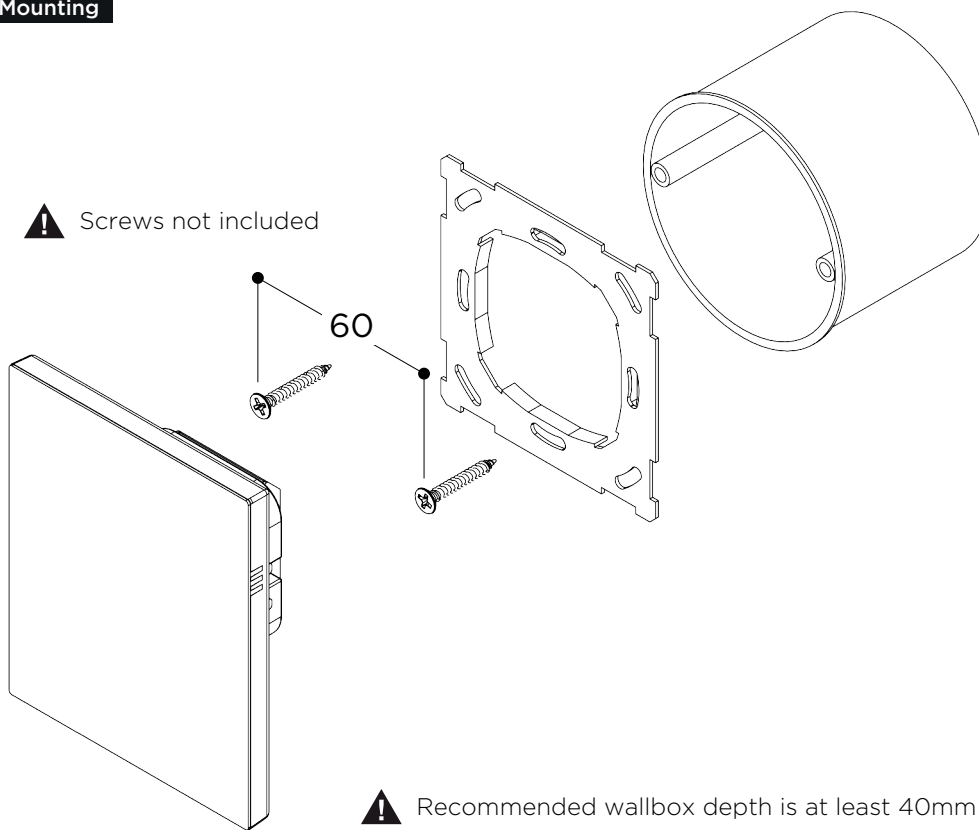
CE: The device complies with
Electromagnetic Compatibility Directive (2014/30/EU)
Low Voltage Directive (2014/35/EU)
Restricting the Use of Hazardous Substances Directive (2011/65/EU)

Tests carried out according to
EN 55032, EN 55035, EN 61000-4-3,
EN IEC 62368-1, EN IEC 63044-3, EN IEC 63044-5-2

Dimensions (mm)



Mounting



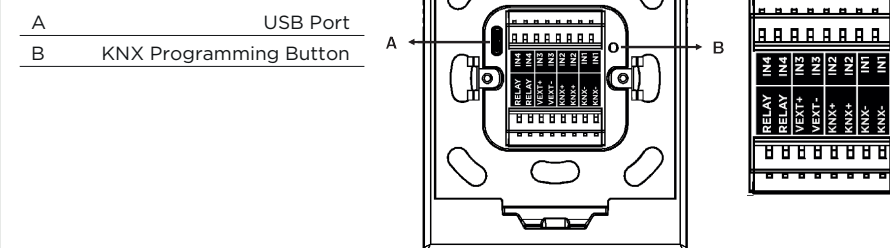
- 1 RECESSED WALLBOX INSTALLATION
- 2 FIX METAL FRAME TO WALL OR JUNCTION BOX WITH 2 SCREWS
- 3 CONNECT THE KNX CABLE, POWER CABLE AND OTHER OPTIONAL CABLES
- 4 INSERT THE ROOMCONTROLLER INTO THE METAL FRAME

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Connection diagram



Download links

KNX Roomcontroller Parameter Handbook:
https://www.lithoss.be/images/uploads/pdf/Lithoss_KNX_Roomcontroller_Parameter_Handbook_-_V1.pdf

ETS FILE KNX Roomcontroller:
https://www.lithoss.be/images/uploads/dealers/Downloads/LITHOSS_KNX-ROOMCONTROLLER.zip

Main functions

- Up to 128 functions can be controlled separately.
- Up to 20 functions pages that can control different functions.
- Switching, toggle, dimming, shutter/blinds controls, predetermined scenes by users, value functions that can send presented values, 2 channels control functions, step switching, music control and thermostat extension features are available.
- It can measure with integrated temperature, humidity, brightness, proximity and air quality (depending on the model) sensors.
- Configurable and programmable external inputs as analog or digital over ETS. Analog inputs can be Thermal NTC Probes or Brightness sensors. Digital inputs can be NO or NC contacts.
- Scenes from 1 to 64 can be specified and these scenes can be implemented by request.
- Room temperature regulation can be done with 2 –Points (Hysteresis), PWM or Continuous PI control options.
- Operating modes: comfort, standby, economy and protection.
- Automatic switching between operating modes via the weekly program.
- Enhanced and extended air conditioner control functions.
- Enhanced and extended touchable LCD screen functions. The user can be configured the function pages.
- Thermostat control, AC control, Music system control, RGB or RGBW control, Dimming control, Dimming Tunable White control and Shutter/Blinds/Jalousie control etc. can be controlled on function pages specially designed for these functions.
- Home-page navigation function.
- Meter information page, sensor information page and weather information page are available. The users can track the up to 8 sensor values, up to 8 energy metering values and weekly weather information.
- Timer and alarm functions are available. The users can set the timer for specific time and after the time is up, a communication object can be sent the bus. The users can set the alarm for specific time and after the time is up, selected alarm tone is played. The timers and alarms can be turned on or off via the device.
- Password screen is available. Up to 4 passwords can be set.
- Screen saver function is available. The users can set the screen saver. The screen saver can be analog or digital clock. Additionally screen saver can decrease or off the backlight for energy saving.
- The users can change the system language via the device.
- Display time, date, temperature and humidity.
- Proximity sensor, adjustment of screen brightness, colourful strip, vibration feedback when touch.
- Logic and converter functions, AND, OR, XOR, gate forwarding, threshold comparator and conversion of different data point types.

- 1 De plaatsing, de aansluiting en het uittesten van dit toestel dient steeds te gebeuren door een erkend elektro-installateur.
- 2 Dit toestel moet geïnstalleerd, verbonden en getest worden volgens de nationaal geldende reglementen op elektrische installaties.
- 3 Deze technische bijsluiter dient te worden beschouwd als een onderdeel van de algemene verkoopvoorwaarden van Lithos NV/SA.
- 4 De elektro-installateur is verantwoordelijk voor het gebruik van compatibele apparaten die voldoen aan de geldende CEE en IEC normen.
- 5 Gebruik steeds de bijgeleverde tool voor het verwijderen van de afdekplaat.
- 6 Reinig het toestel enkel met een zachte en licht vochtige doek zonder reinigingsmiddel.
- 7 Leg altijd eerst de elektriciteit af alvorens te plaatsen en installeren.

- 1 The installation, connection and testing of this device should always be performed by a recognized electrician/installer.
- 2 This device needs to be installed, connected and tested according to the official national instruction guide for electrical installations.
- 3 This technical manual is to be considered as an additional term to the general sales conditions of Lithoss NV/SA.
- 4 The installer is responsible for the use of compatible products which meet the CE and IEC rules.
- 5 Always use the push pin for the removal of the cover plate.
- 6 Clean the device only with a soft and slightly wet piece of cloth without any detergent.
- 7 Always switch off the electricity before installation.

- 1 Die Installation-/ Anschluss- und Prüfung dieses Gerätes sollte immer von einem anerkannten Elektriker / Installateur durchgeführt werden.
- 2 Dieses Gerät muss nach der offiziellen nationalen Gebrauchsanweisung für die Elektroinstallation geprüft, angeschlossen und installiert sein.
- 3 Dieses technische Handbuch soll eine zusätzliche Bedingung zu den allgemeinen Geschäftsbedingungen von Lithos NV / SA in Betracht gezogen werden.
- 4 Der Installateur ist für die Verwendung/ den Gebrauch von kompatiblen Produkten, die der CE und IEC- Regeln entsprechen, verantwortlich.
- 5 Verwenden Sie immer den Push-Pin für das Entfernen der Deckplatte.
- 6 Reinigen Sie das Gerät nur mit einem weichen, leicht feuchten Tuch ohne Reinigungsmittel.
- 7 Vor Installations- und Wartungsarbeiten immer erst die Stromzufuhr von der Hauptleitung ausschalten.

- 1 Le placement, le raccordement et les essais de cet appareil doivent toujours être effectués par un électricien / installateur agréé.
- 2 Cet appareil doit être installé, branché et testé suivant le règlement national sur les installations électriques en vigueur.
- 3 Ce manuel d'installation technique représente une partie des conditions générales de vente de Lithoss nv /sa.
- 4 L'installateur est responsable pour l'usage des produits compatibles, qui sont conformes aux normes CE et IEC en vigueur.
- 5 Utilisez toujours le 'push pin' pour l'écartement de la plaque de finition.
- 6 Nettoyez l'appareil uniquement avec un chiffon doux et légèrement humide sans détergent.
- 7 Toujours débrancher l'électricité AVANT l'installation!