



**BETTER LIVING FOR ALL  
BETTER LIVING FOR ALL  
BETTER LIVING FOR ALL  
BETTER LIVING FOR ALL  
BETTER LIVING FOR ALL  
BETTER LIVING FOR ALL  
BETTER LIVING FOR ALL**

---

THE NEW RANGE  
FOR BUILDING & HOME  
EVOLUTION WITH A  
SLEEK ITALIAN DESIGN



**reddot** winner 2024





ABOUT  
ABOUT  
ABOUT



OLU

BETTER  
LIVING  
FOR ALL  
BETTER  
LIVING  
FOR ALL  
BETTER  
LIVING  
FOR ALL  
BETTER  
LIVING  
FOR ALL



reddot winner 2024

A **VERSATILE PROPOSAL** FOR  
PROJECTS OF VARYING SCALES,  
FEATURING EASILY OUTLINED  
FUNCTIONALITIES.

**IT'S EASY TO INSTALL**, MARKED  
BY **NOTABLE ADAPTABILITY**, AND  
DESIGNED TO SERVE THE USER WITH  
A TANGIBLE BUILDING AND HOME  
EVOLUTION.

Switch 8 buttons  
Regular Version, Black

# ABOUT ABOUT ABOUT

## A DISTINCTIVE STYLE

OL-U stands out thanks to its **ability to adapt** to different scenarios with great ease.

It has its own **style**, but it doesn't impose it. It seamlessly integrates into the environment and enhances its features, managing to **customize** its appearance consistently with what surrounds it.

**Reliability** translates into simplifying every daily action, allowing for quick and intuitive control of functionalities

## TECHNOLOGY AND AESTHETICS

OL-U is the outcome of both **mechanical** and **electronic design**, enabling the expression of an aesthetic with adaptable functionalities over time.

Its **minimal footprint** and **swift installation** embody a design approach that effectively leverages cutting-edge technological solution.



**FLEXIBLE**

Multiple configurations allow one to choose from the simplest to the most advanced solution.

**COMPATIBLE**

They can be installed on multiple standards (2/3 modules boxes, double horizontal/vertical) and in combination with sockets from different brands and with different standards (45, 55, 60 mm).

**INTUITIVE**

A highly interactive RGB LED bar placed in the centre is programmable with different gestures: from tapping to dimming to the innovative swipe option.

**SIMPLE**

Installation and configuration are extremely easy.

**ESSENTIAL**

The use of space is minimised thanks to the slim design, making a perfect fit on both inside and out of the wall.

**VERSATILE**

A range of thermostats, switches and multi-sensors enhanced by their finishes and design.



# PLUS PLUS PLUS



Enhance **environmental control** through **simple, intuitive gestures** and **customizable functions**.

A touch becomes a tap or a double tap, programmable according to individual needs. The central bar serves as a guide for effortless adjustment.

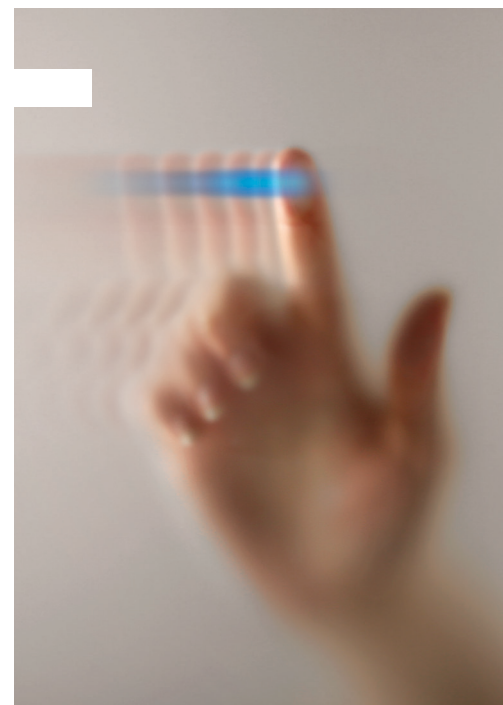


9

MORE THAN

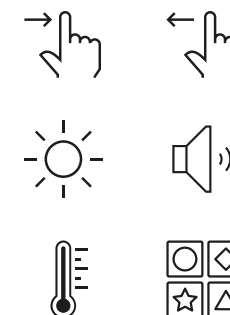
7

A GESTURE  
A GESTURE  
A GESTURE



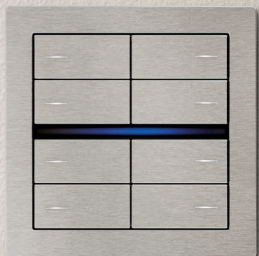
OL-U represents a new interaction with mechanical buttons to regulate progressive functions like **dimmable lighting, temperature, volume, etc.**

These features are controlled through a **unique touch interface**, delivering a clear and straightforward sense of the desired scale.



Thermostat 4 buttons  
Metal edition, Champagne Gold

OL-U Better Living for All



WHY OL-U  
WHY OL-U  
WHY OL-U

Switch 8 buttons  
Metal edition, Silver

9

## TRANSVERSALITY



OL-U is a state-of-the-art product naturally designed for **KNX, the secure and connected international standard**.

Engineered for cross-functional solutions, it can meet a wide range of demands, from private residential to contract applications. All this is made possible through various models, configurations, finishes, materials, installation standards, and sockets.

## STYLE



The *Italian design* is always well noted.

Ideation, R&D and production are key elements for distinctive solutions, demonstrating a native distinctive style.

## FLEXIBILITY



OL-U can be easily adapted to a variety of projects thanks to the customization features as icons and features.

This enables a solution that can be tailored in wide range of environment and even adaptable over the time.

## EASY AND SIMPLE



OL-U has been designed having in mind the idea to contribute to simplify a day in life in a building or house. Human centric vision with technology servicing people as occupants, as programmers, as installers each one with the most closest UX.



OL-U Better Living for All

OL 4 U  
OL 4 U  
OL 4 U

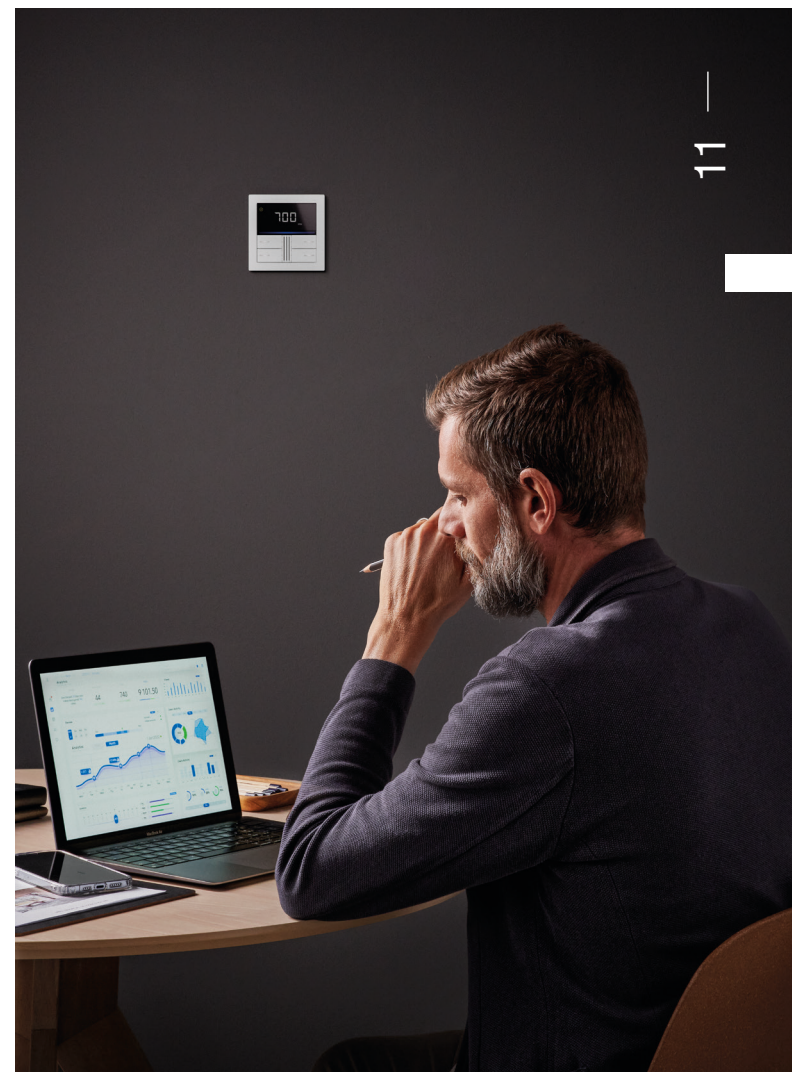
## DESIGN

OL-U is a reliable solution, characterized by a design that easily integrates into pre-defined projects.

Switch 6 buttons  
Metal edition,  
Champagne Gold



10 —



11 —

## PROJECT

OL-U comes with a line for Building & Home Evolution that is highly adaptable, suitable for large-scale projects, with the assurance of continuous support both in the preparation of production plans and during the project execution and subsequent maintenance.

Multisensor Thermostat, Humidistat, CO<sub>2</sub> sensor  
Regular version,  
White



OL-U Better Living for All

Switch 8 buttons  
Fenix edition,  
Bromo Grey



OL 4 U  
OL 4 U  
OL 4 U

#### INTEGRATION

OL-U simplifies the design process as a reliable solution with easy installation, adaptability over time, and constant updates on features and product range availability providing various options for the end customer.

12 —

#### LIVING

OL-U enhances comfort and quality of well-being for the end user.

Thermostat +  
Switch 4 buttons  
Fenix edition, Arizona Beige

13 —





OL-U Better Living for All

—  
14

# MULTI-COMFORT MULTI-COMFORT MULTI-COMFORT

OL-U redefines the notion of **functionality** by deploying technology where it's essential and in the most **fitting form for each setting**, spanning from hospitals and schools to the HORECA sector, offices, and diverse residential solutions.



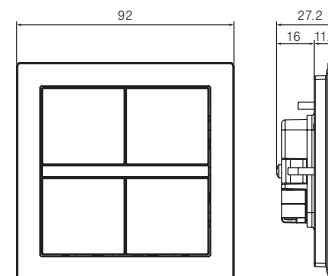
—  
15



Switch 4 buttons  
Fenix edition, Arizona Beige  
Double Cover Frame  
71 x 71 mm + 55 x 55 mm

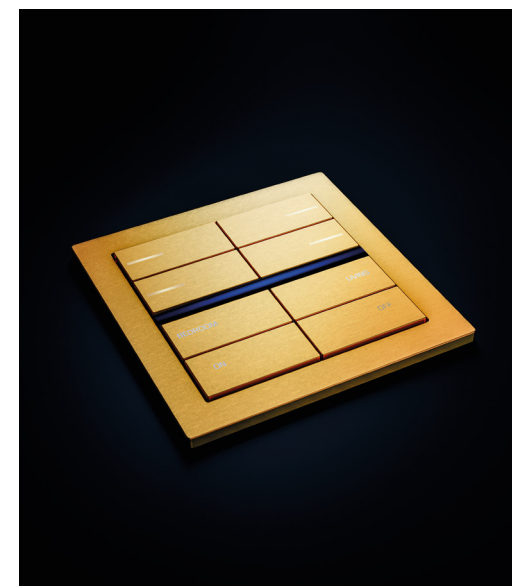
Thermostat + Switch 4 buttons  
Fenix edition, Kos White  
Double Cover Frame  
71 x 71 mm + 71 x 71 mm

Switch 8 buttons  
Fenix edition, Ingo Black



# DATA DATA DATA

1. 4, 6, and 8 mechanical push-button switches
2. Thermostat, Humidistat and CO<sub>2</sub> sensor integrated
3. RGB Signalling LEDs
4. Touch capacitive central RGB bar with gestures and RGB signalling
5. Interchangeable aesthetic frames
6. Customizable buttons with icons and text
7. 32 logical blocks to create simple expressions with logical or threshold operators, as well as complex expressions with conditional algebraic operators, and predefined algorithms
8. The OL-U® KNX® range is available in various colors and can be installed on 2 or 3-module boxes, compatible with international major standards (Italian, German, English, Swiss)
9. The range can be configured via the ETS® application program and can communicate with the **KNX Data Secure** standard
10. All the devices integrate one 2-stage thermostats (two in the thermostat device) for the control of two distinct areas, both with integrated PI controller for piloting heating, cooling, valves, 6-way valves, fan coils 2 and 4 pipes.



Switch 8 buttons  
Metal edition, Gold



# TECHNICAL





Switch 4 buttons  
Fenix edition, Blu Fes

## 2 MODULES CONFIGURATIONS



**Switch**  
4 buttons



**Switch**  
6 buttons  
2 Right + 4 Left



**Switch**  
6 buttons  
4 Right + 2 Left



**Switch**  
8 buttons



**Thermostat**  
4 buttons



**Thermostat + Humidistat**  
4 buttons



**Multisensor**  
**Thermostat, Humidistat, CO<sub>2</sub> sensor\***  
4 buttons



**Cover Frame\*\***  
45 x 45 mm  
Compatible with  
standard 45 mm  
sockets:  
4BOX  
AVE sistema 44  
BTICINO LIVING LIGHT  
GEWISS  
VIMAR ARKE'  
VIMAR PLANA



**Cover Frame\*\***  
55 x 55 mm  
Compatible with  
standard 55 mm  
sockets:  
BERKER S.1/B.3/B.7  
GIRA System 55  
JUNG serie A/AS  
MERTEN System M  
SMARTERLIVING BV

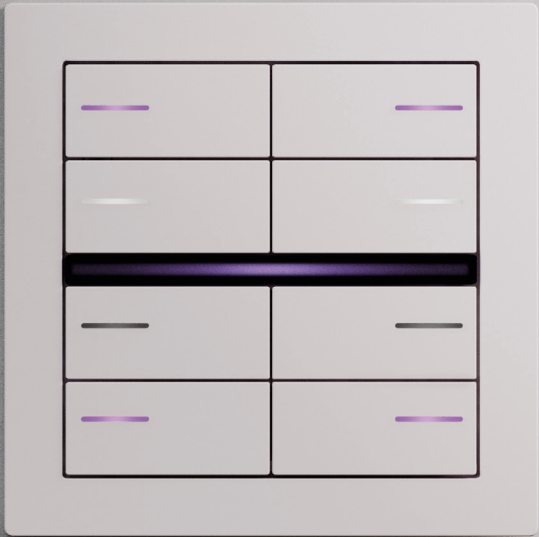


**Cover Frame\*\***  
60 x 60 mm  
Compatible with  
standard 60 mm sockets:  
FELLER EDIZIOdue

\* Available only in REGULAR and LITE versions;

\*\* The trademarks showcased belong to their respective copyright holders. Third-party trademarks, product names, trade names, corporate names, and mentioned companies are property of their respective owners or are registered trademarks of other companies, and they are owned by their legitimate proprietors.





Switch 8 buttons  
Fenix edition, Bianco Alaska

### 3 MODULES CONFIGURATIONS



Switch  
4 buttons



Switch  
6 buttons  
2 Right + 4 Left



Switch  
6 buttons  
4 Right + 2 Left



Switch  
8 buttons



Thermostat  
4 buttons



Thermostat + Humidistat  
4 buttons



Multisensor  
Thermostat, Humidistat, CO<sub>2</sub> sensor\*  
4 buttons



Cover Frame\*\*  
3 modules  
Compatible with:  
4BOX  
BTICINO LIVING LIGHT  
VIMAR ARKE'  
VIMAR PLANA

\* Available only in REGULAR and LITE versions;

\*\* The trademarks showcased belong to their respective copyright holders. Third-party trademarks, product names, trade names, corporate names, and mentioned companies are property of their respective owners or are registered trademarks of other companies, and they are owned by their legitimate proprietors.





Switches 4 buttons  
Metal edition, Antique Bronze

**HORIZONTAL DOUBLE PLATES  
CONFIGURATIONS**



**Double Cover Frame**  
71 x 71 mm + 71 x 71 mm



**Double cover frame**  
71 x 71 + 45 x 45 mm



**Double cover frame**  
4 modules 90 x 45 mm



**Double Cover Frame**  
71 x 71 + 55 x 55 mm



**Double Cover Frame**  
55 x 55 + 55 x 55 mm





Thermostat + Switch 4 buttons  
Metal edition, Silver

VERTICAL DOUBLE PLATES  
CONFIGURATIONS



Double Cover Frame  
71 x 71 mm + 71 x 71 mm



Double Cover Frame  
71 x 71 mm + 71 x 71 mm



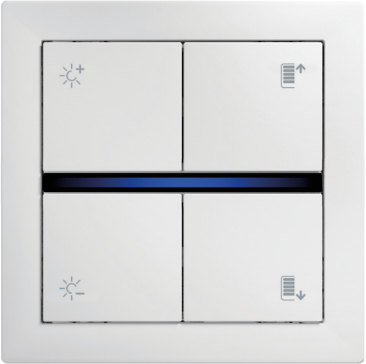
Double Cover Frame  
71 x 71 + 55 x 55 mm

\* Same configurations and pairings as the horizontal solutions.



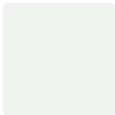
# FINISHES FINISHES FINISHES

## REGULAR Version



The Regular version features high-quality painted plastic devices, available in two standard colors: white and black. It can be installed on 2 or 3-module boxes and is compatible with major standards (Italian, German, English, Swiss).

## COLORS



White

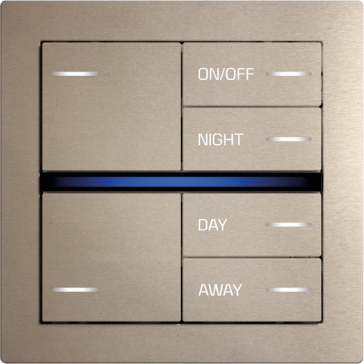


Black



It includes RGB LED indicators on the buttons, which can be customized through laser engraving with text or icons, even in backlit mode.

METAL edition



The Metal Edition offers devices with a sophisticated brushed metal finish, providing a choice of 4 colors: Antique Bronze, Gold, Champagne Gold and Silver.

It can be installed on 2 or 3-module boxes and is compatible with major standards (Italian, German, English, Swiss). It includes RGB LED indicators on the buttons, which can be customized through laser engraving with text or icons.

COLORS



Antique Bronze | Gold | Champagne Gold | Silver

FENIX® edition



The FENIX Edition features devices with buttons and plates made of Fenix™, available in 6 colors: Kos White and Alaska White, Arizona Beige, Fes Blue, Bromo Grey and Ingo Black.



Low light reflectivity, extremely matt surface



Soft touch



Thermal healing of superficial micro-scratches



Anti-fingerprint

It can be installed on 2 or 3-module boxes and is compatible with major standards (Italian, German, English, Swiss). It includes RGB LED indicators on the buttons, which can be customized through laser engraving with text or icons.

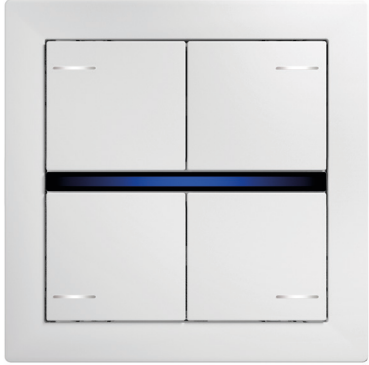
COLORS



Kos White | Alaska White | Arizona Beige | Fes Blue | Bromo Grey | Ingo Black



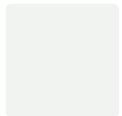
## LITE Version



The LITE version features high-quality plastic devices, available in two colors: white and black. It can be installed on 2 or 3-module boxes and is compatible with the major standards (Italian, German, English, Swiss).

Available exclusively in pre-assembled 4 or 8-button kits, it includes a central RGB bar (non-capacitive, no gestures) and white LEDs on the buttons.

## COLORS



White

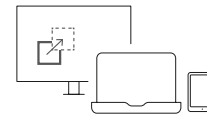


Black

## CONFIGURATOR PORTAL & CUSTOMIZATION SERVICES

The KNX OL-U line offers a wide range of customization possibilities, allowing users to tailor the devices to their specific needs.

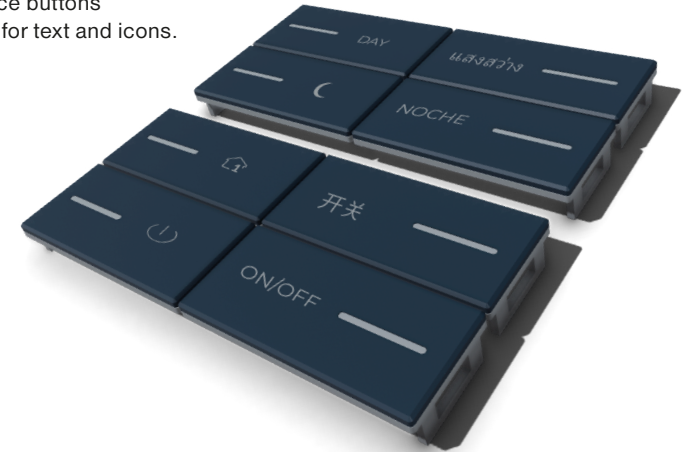
Our **in-house customization** service ensures maximum precision and quality throughout the process. Additionally, through our intuitive **customization portal**, users can independently choose the customization of device buttons through laser engravings for text and icons.



[mycustom.eelectron.com](https://mycustom.eelectron.com)



An innovative approach that allows for total flexibility in creating tailor-made user interfaces, both in terms of aesthetic design and functionality. This includes increased adaptability to different contexts, ease of function identification, and a distinctive touch that reflects the uniqueness of each project.



# CUSTOMIZATIONS CUSTOMIZATIONS CUSTOMIZATIONS



Visit **eelectron.com** to explore  
our portfolio as products,  
application and solutions.

For more than 25 years, we have been developing electronic devices and applications using the KNX protocol, now Secure, for building & home automation. Over time, we've incorporated DALI, BLE, and MQTT as facilitators for digital applications.

Our focus lies in crafting building & home automation solutions and intelligent systems geared towards energy savings, with a strong emphasis on design, technology, and enhancing comfort and control over electrical resources.

Research, development, design, and production are entirely carried out in Italy. Our commitment to a high standard of quality is detectable in our extensive range of products spanning residential, hotel, and building sectors. We have a presence in the Middle East, China, Southeast Asia, and Europe, and distribute our products to more than 80 countries globally.

To date, Eelectron devices have been installed in over 36.000 hotel rooms as well in prestigious villas, and large residential and commercial sites worldwide.





Eelectron SpA - Via Monteverdi 6  
20025 Legnano - Milano - Italy  
Tel +39 0331500802  
info@eelectron.com  
**www.eelectron.com**

