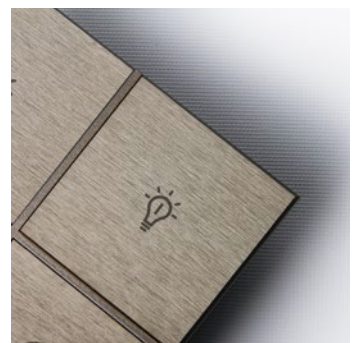
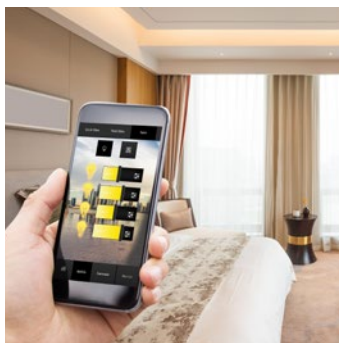
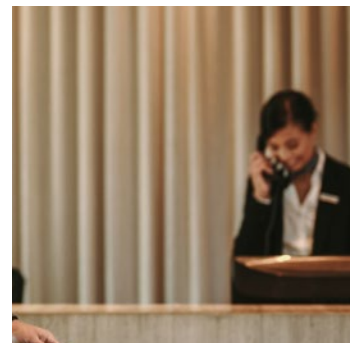
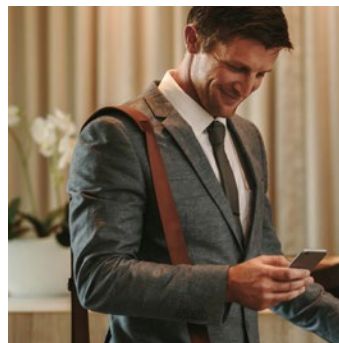
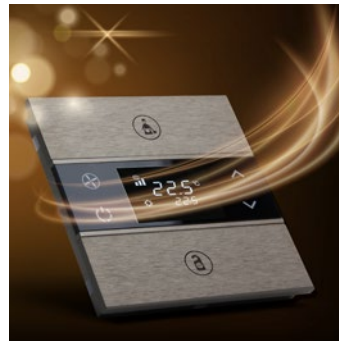


Smart Home, Residence & Hotel Solutions





EAE products were used in these projects.

**KNX Approved
Training Center**

**In Compliance with
International Standards**

**Products used in
100+ Countries**



**More than 2,500
Employees**

**TUBITAK Approved
R&D Center**



EAE group of companies have over 2,500 employees worldwide and EAE products are used in more than 100 countries. EAE Group has over 30 patents, 300 brands and 100 industrial designs.

“ As EAE Technology, we provide innovative and value-added solutions for KNX applications. All our products are designed, developed, manufactured and tested in our headquarters in Istanbul, Turkey. EAE Technology products are and will always be in compliance with international open standards such as KNX, DALI, TCP/IP and WiFi.

EAE Technology is a member of KNX Association and an authorized KNX training center since 2012.



Add Value!

KNX Thermostat | Switch | Socket







Thermostats

Thermostat and switching control from one point with Rosa Thermostats.



Switches

Lighting, shutter/blind, scene call, speaker and DND/MUR control with customizable Rosa keypads.



Sockets

Various color options in UK, EU and universal standards.



rosa

thermostats

elegant and minimalist design

Rosa thermostats are designed for the needs of modern buildings. Rosa's intuitive design allows all ages to control their living space easily. New generation frameless design fits architects' expectation and getting their compliments.



Touch operated



Icon options



Brushed metal surface



Navigation LEDs



Thermostat and switch together



Feedback LEDs



Additional heating-cooling control



Away, comfort, night and protection modes



Frameless, minimalist design



Independent programmable buttons



Fully automatic heating-cooling transition



Various color option



Rosa
1 Fold Metal Bronze Thermostat

2 Fold - Anthracite



2 Fold - Bronze



1 Fold - Natural



2 Fold - Gold





rosa *glass* thermostats

elegant and minimalist design

The Rosa glass switch and thermostat series, which has the same features as the metal ones in technical terms, can also be adapted to different concept designs with glass surface option. Rosa Glass can be colored according to the selected RAL code, adapts to the demands of the interior designers and fast changing trend.



Touch operated



Icon options



4mm tempered glass surface



Navigation LEDs



Thermostat and switch together



Feedback LEDs



Additional heating-cooling control



Comfort, night, protection and away modes



Frameless, minimalist design



Independent, programmable buttons



Fully automatic heating-cooling transition



Various color option



Rosa
2 Fold Black Glass Thermostat

2 Fold - Black



2 Fold - White



1 Fold - Black



1 Fold - White



rosa switches

elegant and minimalist design

Rosa metal switches with 4 different color options add harmony and enrich to different designed homes, offices and hotel rooms. Rosa buttons can be configured independently and gives chance to users to control up to 6 different objects.



Touch operated



Icon options



Brushed metal surface



Navigation LEDs



Frameless, minimalist design



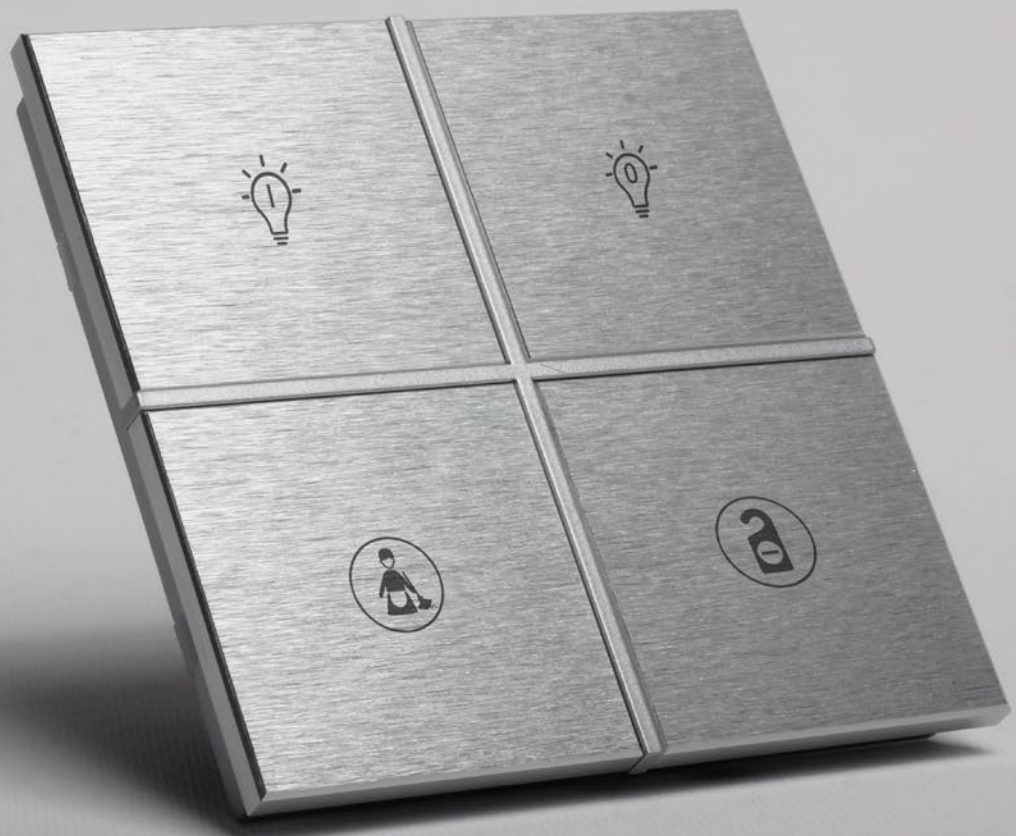
Feedback LEDs



Independent, programmable buttons

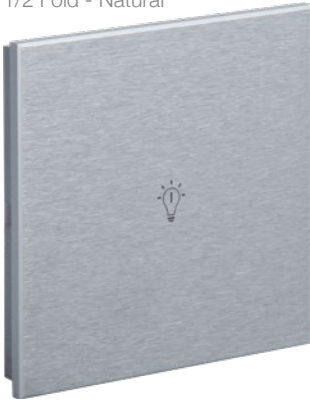


Various color option



Rosa
2 Fold Metal Natural Switch

1/2 Fold - Natural



1 Fold - Anthracite



2 Fold - Gold



3 Fold - Bronze





Rosa *glass* switches

elegant and minimalist design

Rosa Glass touch switches which has the same features as the metal ones adorn hotel rooms, homes and commercial buildings with its unlimited color options and 4mm tempered glass surface. Users are just defining the RAL code for coloring up the device.



Touch operated



Icon options



4mm tempered glass surface



Navigation LEDs



Frameless, minimalist design



Feedback LEDs



Independent, programmable buttons



Various color option



Rosa Glass
2 Fold White Glass Switches



3 Fold - White



2 Fold - Black



1 Fold - White



1/2 Fold - Black





Touch operated design...

Precision detection for glass and metal surfaces.



Brushed metal surfaces...

Rosa brushed metal thermostats contain 4 different color alternatives as natural (silver), gold, bronze and anthracite



Independent programmable buttons...

Each folds can be programmed as independent buttons.





All in one...

Rosa offer switching and thermostat function controls from one point.

- **Lighting**
- **HVAC Control**
- **Shading**
- **DND/MUR**
- **Scene Call**



Frameless design...

85 x 85mm frameless design



Unlimited color options...

All RAL codes can be applied





High quality raw materials...

7000 series aluminium is used for Rosa switch & thermostat.



Additional Heating & Cooling...

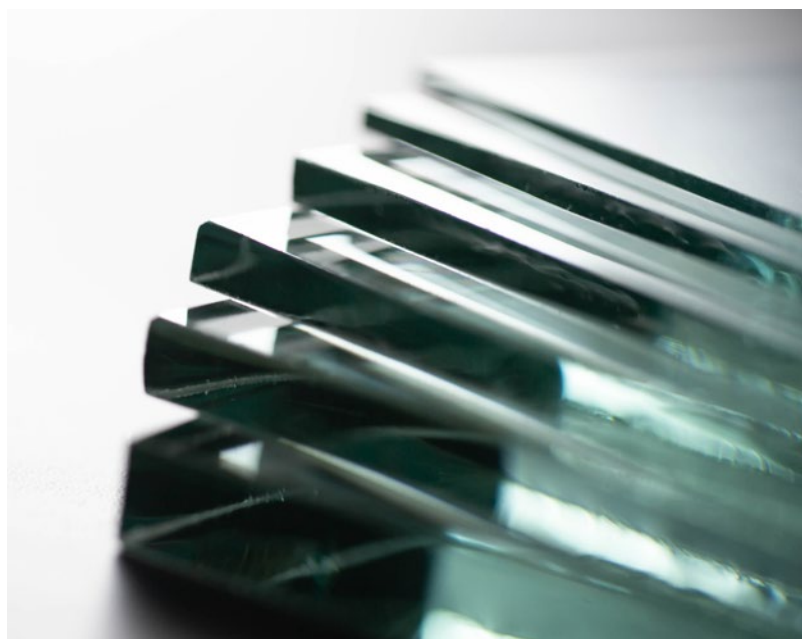
In built temperature sensor is used for Rosa serial.

Rosa thermostats have automatic heating/cooling change-over function. Additional heating/cooling units can be jointed to the system.



4 mm tempered glass...

Conductive material coated glass surface is used for Rosa Glass.





Status LEDs...

Users can check the status of lighting, shutter/blinds and air conditioners in their living spaces with status of LEDs.



Navigation LEDs...

It is easy and safe to reach your thermostat or switch in dark with the navigation LED on Rosa.



Customizable icon options...

Rosa offers customized icon options for glass and brushed metal surface.



rosa sockets

elegant and minimalist design

Rosa metal and glass framed sockets are designed for 4 different standards.

- ✓ **Universal Standard**
- ✓ **Modular Standard**
- ✓ **British Standard**
- ✓ **European Standard**



Universal Standard

Single Socket - Natural



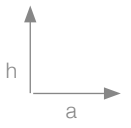
Single Socket - Bronze



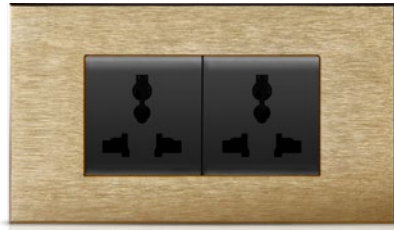
Single Socket + Blind Cover - Natural



	a	h
Single	85	85
Single+	124	85
Binary	144	85
Triple	190	85



Binary Socket - Gold



Triple Socket - Anthracite



Modular Standard

Single Data - Natural



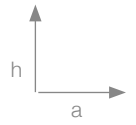
Binary USB + Data - Bronze



Triple Shaver Socket- Natural



	a	h
Single	85	85
Binary	85	85
Triple	124	85
Quadruple	144	85
Six	190	85



Quadruple Universal Socket + SAT/TV - Gold



Six Socket + SAT + Blind Cover - Anthracite



British Standard

Single Socket - Bronze



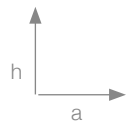
Single Socket - Natural



Single Light Switch - Bronze



	a	h
Single	92	85
Binary	152	85



Binary Socket - Anthracite



Binary Socket+USB - Gold



European Standard

Single Data - Bronze



Binary Socket + Phone - Gold



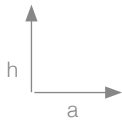
Triple Socket + TV - Natural



Quadruple Socket + Data + TV - Anthracite



	a	h
Single	85	85
Binary	156	85
Triple	227	85
Quadruple	298	85
Quintet	369	85



Quintet Priz + TV + Data - Bronze



Single Socket - Black Glass Binary Socket+TV/SAT - White Glass



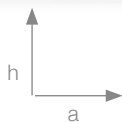
Triple Socket+SAT+Liht Switch - Black Glass



Quadruple Socket+Liht Switch+TV/SAT - White Glass



	a	h
Single	85	85
Binary	156	85
Triple	227	85
Quadruple	298	85
Quintet	369	85



Quintet Socket+DATA+Liht Switch+Sat - Black Glass



crosa THERMOSTAT and SWITCH **ICON OPTIONS**



Light On / Off



Light Enhance / Dim



Shutter-Blind



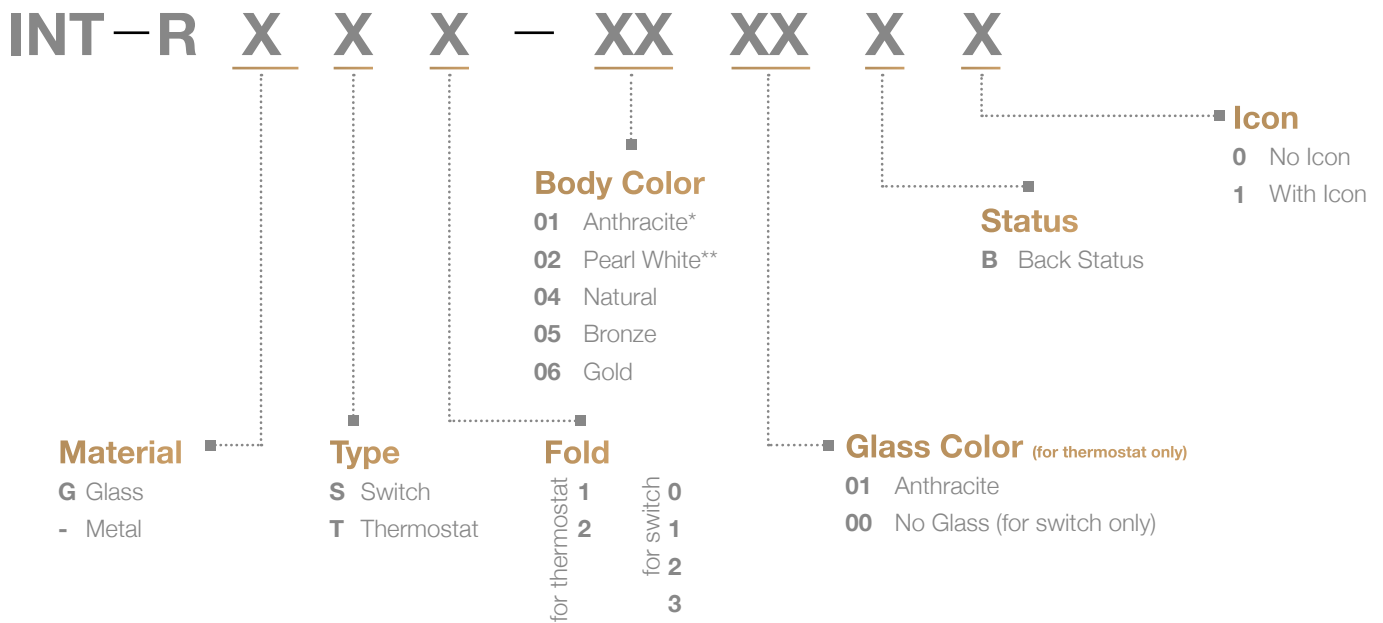
DND Do not disturb



MUR Makeup room



«rosa THERMOSTAT and SWITCH PRODUCT CODE LEGEND



Note: Icon graving and front status options can not be applied at the same time on the same product.

Note*: Selectable on both glass and metal surfaces.

Note*: Selectable on glass surface only.

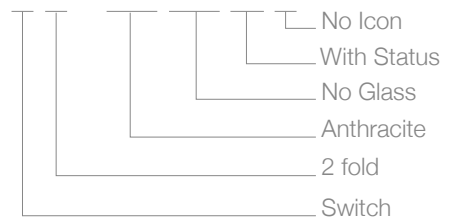
Sample Order Code

INT-RT2-0401B1



Sample Order Code

INT-RS2-0100B1

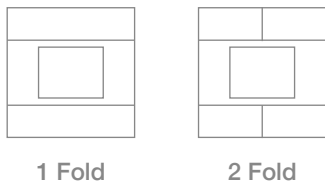


rosas THERMOSTAT TECHNICAL SPECIFICATIONS



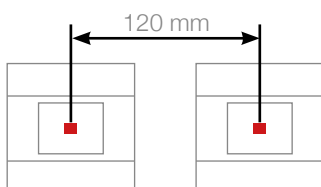
- Can be configured with ETS5.
- Serial thermostat with metal and glass touch-button
- Temperature control via digital LCD
- Internal temperature sensor (°C/ °F)
- Adjustable fan speed (1, 2, 3, Automatic)
- Multiple operation modes (Comfort, Night, Outdoor, Indoor)
- Fully automated operation feature (hot-cold transition)
- Control of all HVAC units including VRF-VRV and air conditioning devices
- PI relative, PI on-off (PWM), On/Off, Fan coil, Split unit controls
- Easy installation to 60x60 mm standard switch junctions
- 2 dependent or 4 independent programmable buttons can be programmed for various functions.
 - Switching,
 - Dimming,
 - Shutter/Blind control,
 - Value and priority assignment,
 - Scene control,
 - Status notification LED

Protection type	IP 20	EN 60529
Safety class	II	EN 61140
Supply	Voltage Range	21-30V DC, Supply from EIB/KNX line
	Supply voltage	<10 mA
Temperature	Operating	-5° C + 45° C
	Storage	-25° C + 55° C
CE	In accordance with EMC guideline and low voltage regulation	
Case type to be used	60mm flush-mounted and surface-mounted safes between two mounting screws according to European standards	

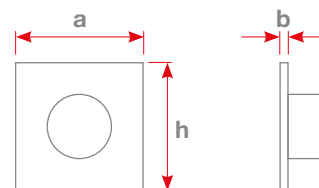


Dimensions (mm)	a	b	h
1 Fold Thermostat	85	11	85
2 Fold Thermostat	85	11	85

Assembly Detail



Important note!
The distance between the two thermostats should be at least **120 mm** from center to center.



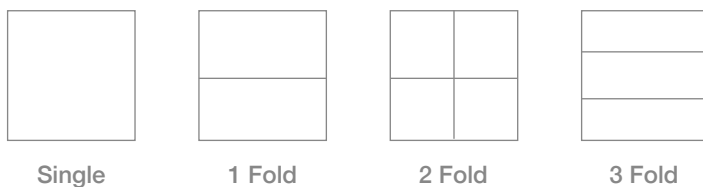
rosas

SWITCHES TECHNICAL SPECIFICATIONS



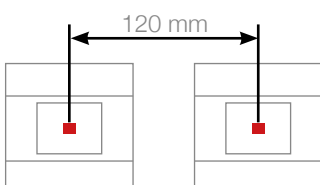
- Can be configured with ETS5.
- Serial switches with metal and glass touch-button
- Large collection option up to 4 Folds
- Product options with and without notification LED
- Optionally, icon branding is available.
- Different color options
- Easy installation to 60x60 mm standard switch junctions
- Channels are identical, each with the following functions;
 - Switching,
 - Dimming,
 - Shutter/Blind control,
 - Value and priority assignment,
 - Scene control,
 - Status notification LED

Protection type	IP 20	EN 60529
Safety class	II	EN 61140
Supply	Voltage Range Supply voltage	21-30V DC, Supply from EIB/KNX line <10 mA
Temperature	Operating Storage	-5° C + 45° C -25° C + 55° C
CE	In accordance with EMC guideline and low voltage regulation	
Case type to be used	60mm flush-mounted and surface-mounted safes between two mounting screws according to European standards	



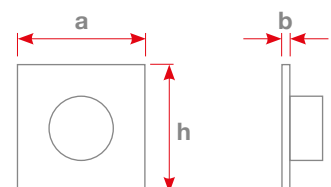
Dimensions (mm)	a	b	h
Single Switch	85	11	85
1 Fold Switch	85	11	85
2 Fold Switch	85	11	85
3 Fold Switch	85	11	85

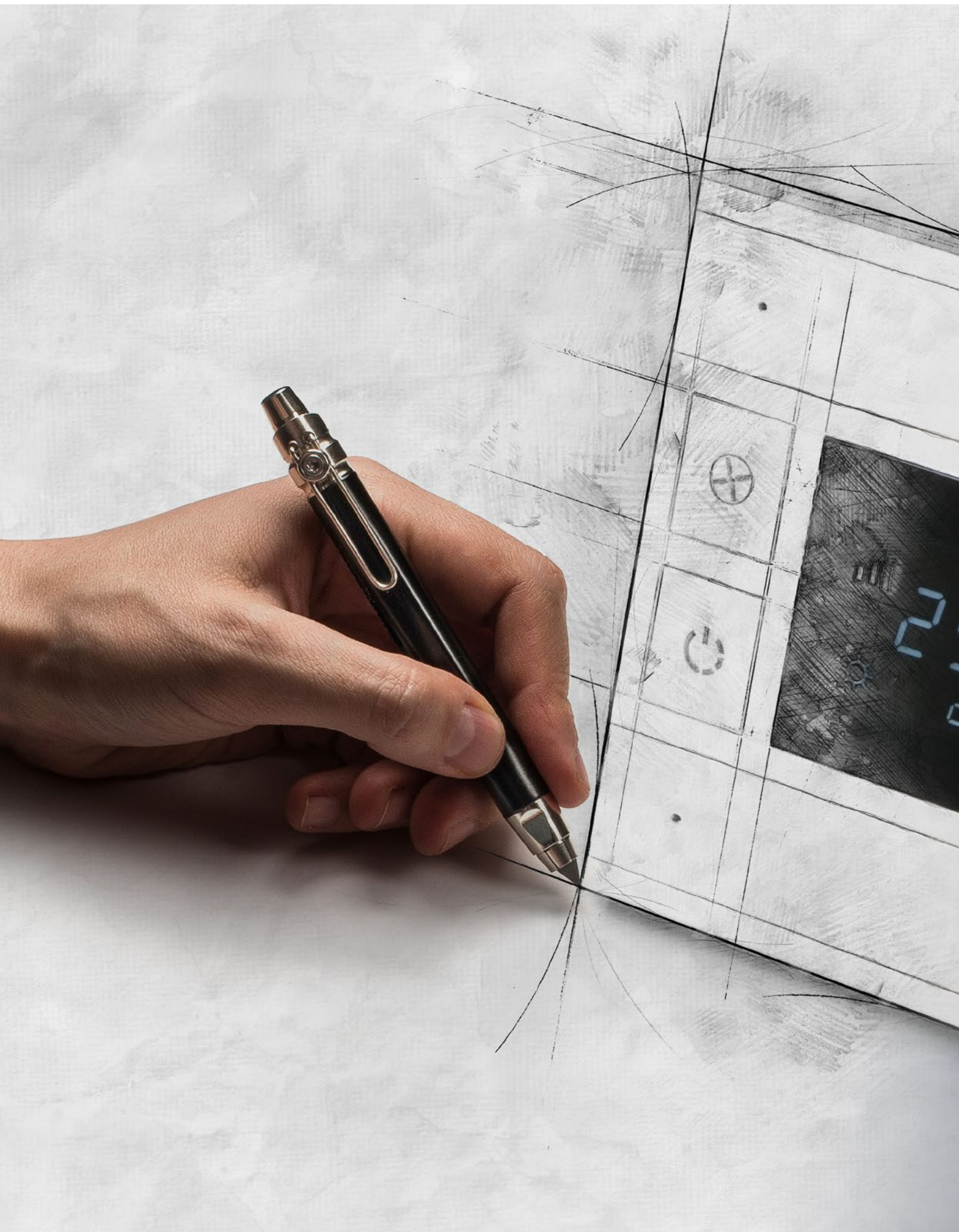
Assembly Detail



Important note!

The distance between the two switches should be at least **120 mm** from center to center.











Thermostat

All devices in your home are under your control with Oria thermostats.



Switch

Experience life of comfort with Oria switches.



Socket

Socket group with eye catching design for perfect harmony.



Control is under
your fingertips...

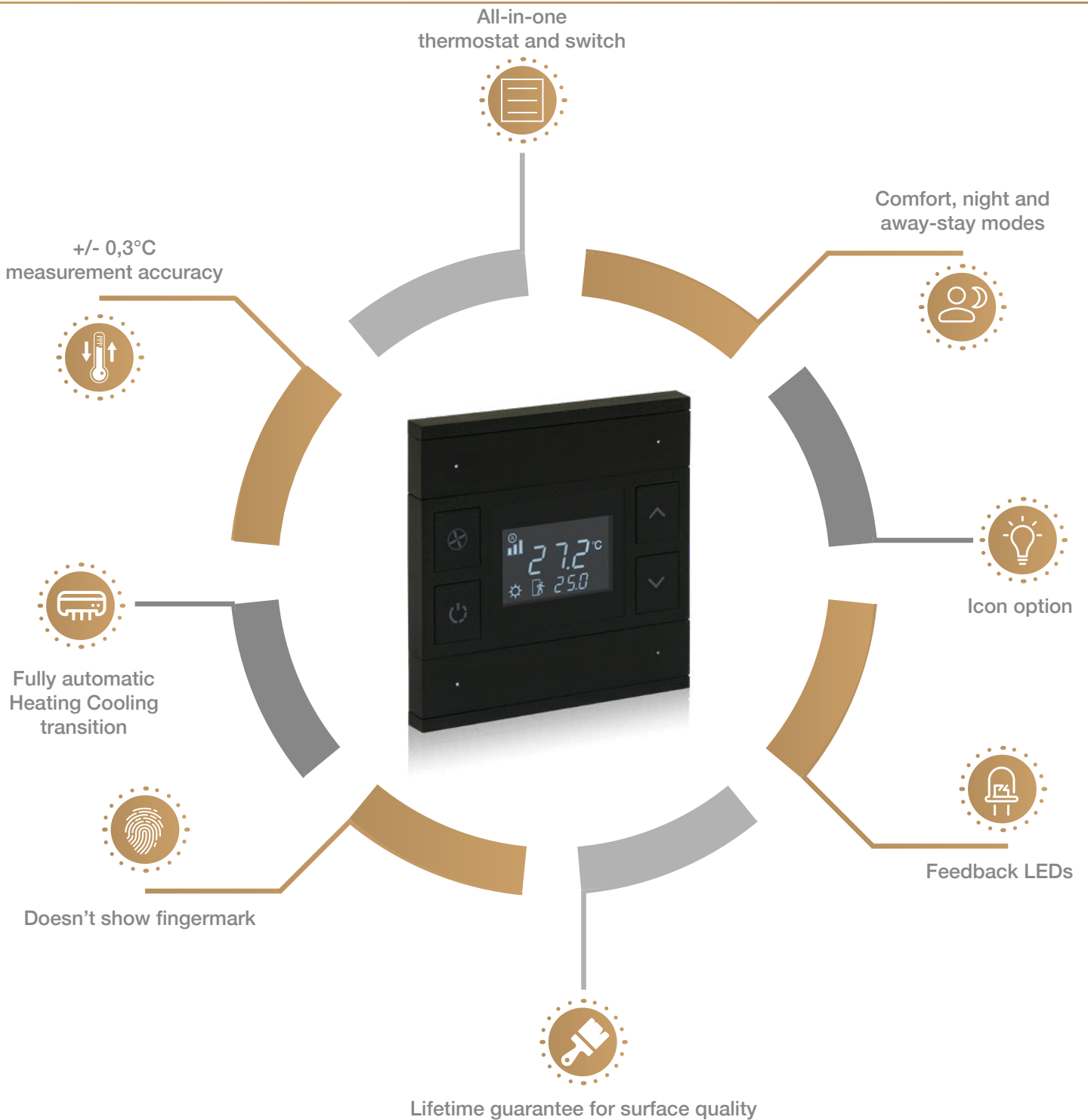
a simple touch, unlimited comfort

thermostats

Expandable up to 4 folds, Oria thermostat provide a wide collection of possibilities for all spaces where both thermostats and programmable switches are needed at the same time.

Oria thermostats can perform all needed operations with a single touch. Programmable buttons on Oria thermostats can control comfort and energy saving needs such as lighting, shutter/blind, scene call, speakers and panic button for you.





2 Fold Anthracite



2 Fold Pearl White



2 Fold Mustang Gray



3 Fold Pearl White



4 Fold Mustang Gray





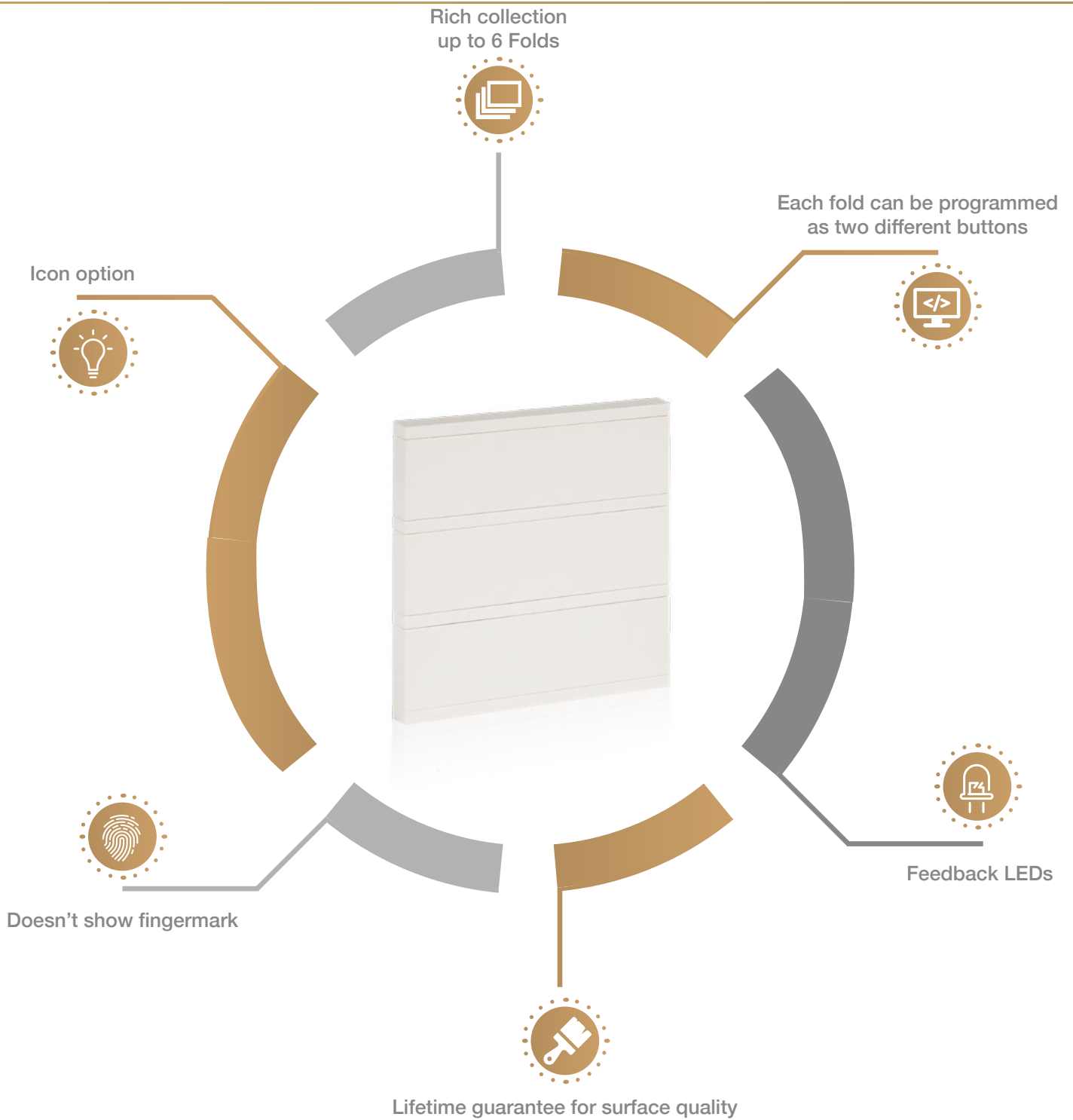
“Switch” to Superior Technology...

a simple touch, unlimited comfort

switches

The new generation of Oria switches adds a simple and elegant touch to the world of users while fulfilling unlimited needs with its design. With rich collection options expandable to 12 buttons in a single frame, enjoy one-point management of on-site lighting, heating-cooling, shutter-blind, speakers, scene call and panic buttons controls.





Single Pearl White



1 Fold Anthracite



2 Fold Mustang Gray



4 Fold Anthracite



5 Fold Mustang Gray



6 Fold Pearl White



Retain Design Style...



a simple touch, aesthetic integrity

sockets

As the supplementary item for the new generation of thermostat and switch series, Oria power outlets reflect the integrity of your space.



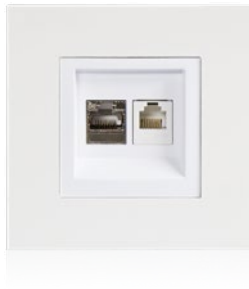
TV/SAT
Mustang Gray



Socket
Anthracite



Data
Pearl White



TV/SAT
Anthracite



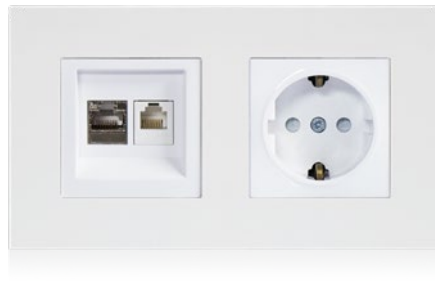
UPS
Mustang Gray



Liht Switch
Pearl White



Data+Socket
Pearl White



Socket+TV/SAT Anthracite



DATA+Socket+TV/SAT Pearl White



TV/SAT+Socket+Data+UPS Mustang Gray



oria

THERMOSTAT and SWITCH **ICON OPTIONS**



Light On / Off



Light Enhance / Dim



Volume Increase / Decrease



Scene



Shutter-Blind



Shutter-Blind Wing

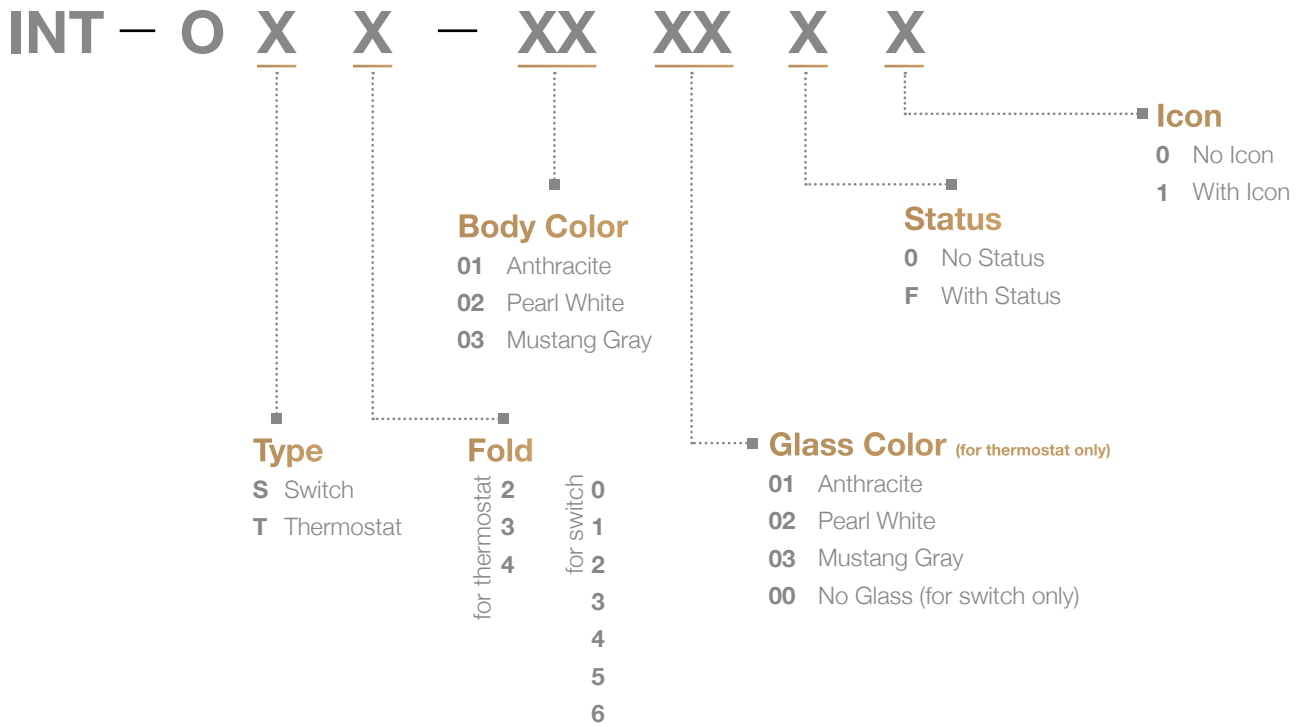


Away - Stay



oria

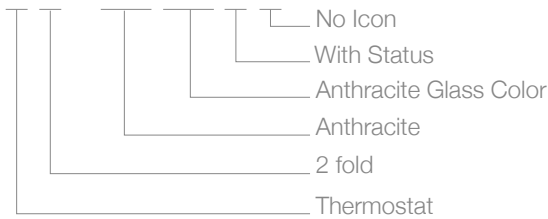
THERMOSTAT and SWITCH PRODUCT CODE LEGEND



Note: Icon graving and front status options can not be applied at the same time on the same product.

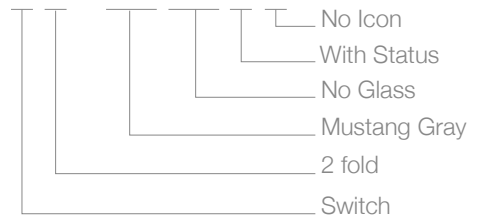
Sample Order Code

INT-OT2-0101F0



Sample Order Code

INT-OS2-0300F0

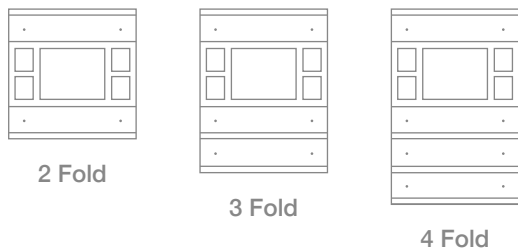


oria THERMOSTAT TECHNICAL SPECIFICATIONS

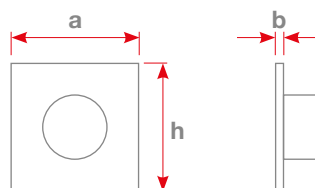


- Can be configured with ETS5.
- Serial thermostat with plastic push-button
- Temperature control via digital LCD
- Internal temperature sensor (°C/ °F)
- Adjustable fan speed (1, 2, 3, Automatic)
- Multiple operation modes (Comfort, Night, Outdoor, Indoor)
- Fully automated operation feature (hot-cold transition)
- Control of all HVAC units including VRF-VRV and air conditioning devices
- PI relative, PI on-off (PWM), On/Off, Fan coil, Split unit controls
- Easy installation to 60x60 mm standard switch junctions
- 2 dependent or 4 independent programmable buttons can be programmed for various functions.
 - Switching,
 - Dimming,
 - Shutter/Blind control,
 - Value and priority assignment,
 - Scene control,
 - Status notification LED

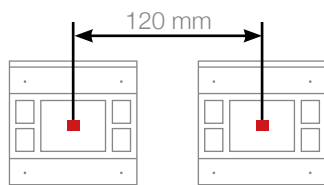
Protection type	IP 20	EN 60529
Safety class	II	EN 61140
Supply	Voltage Range	21-30V DC, Supply from EIB/KNX line
	Supply voltage	20 mA
	Power consumption	20 mA x 30V
Button operation life	100.000	
Temperature	Operating	-5° C + 45° C
	Storage	-25° C + 55° C
	Transport	-25° C + 70° C
CE	In accordance with EMC guideline and low voltage regulation	



Dimensions (mm)	a	b	h
2 Fold Thermostat	90	9	90
3 Fold Thermostat	90	9	111,5
4 Fold Thermostat	90	9	133



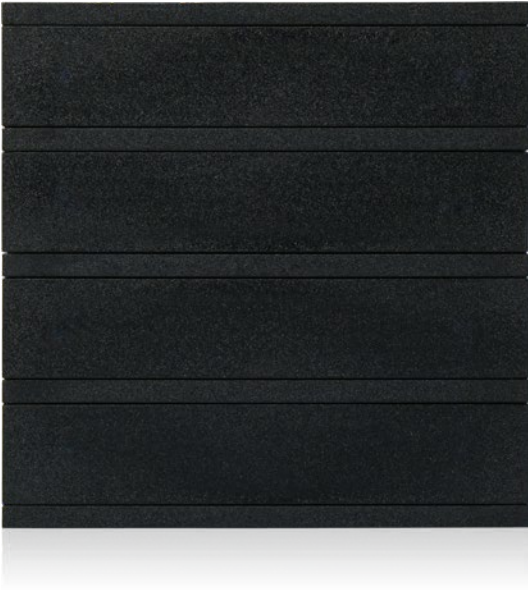
Assembly Detail



Important note!
The distance between the two thermostats should be at least **120 mm** from center to center.




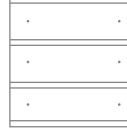



oria

SWITCH TECHNICAL SPECIFICATIONS

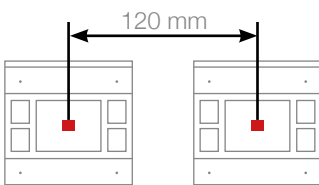


- Can be configured with ETS5.
- Serial switches with plastic push-button
- Large collection option up to 4 Folds
- Product options with and without notification LED
- Optionally, icon branding is available.
- Different color options
- Easy installation to 60x60 mm standard switch junctions
- Channels are identical, each with the following functions;
 - Switching,
 - Dimming,
 - Shutter/Blind control,
 - Value and priority assignment,
 - Scene control,
 - Status notification LED

Protection type	IP 20	EN 60529
Safety class	II	EN 61140
Supply	Voltage Range	21-30V DC, Supply from EIB/KNX line
	Supply voltage	15 mA
	Power consumption	15 mA x 30V
Button operation life	100.000	
Temperature	Operating	-5° C + 45° C
	Storage	-25° C + 55° C
	Transport	-25° C + 70° C
CE	In accordance with EMC guideline and low voltage regulation	

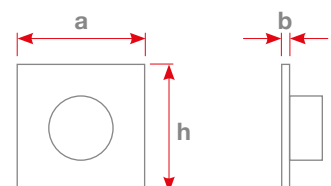
	Dimensions (mm)			a	b	h
	Single Switch	90	9	90		
	1 Fold Switch	90	9	90		
	2 Fold Switch	90	9	90		
	3 Fold Switch	90	9	90		
	4 Fold Switch	90	9	90		
	5 Fold Switch	90	9	111,5		
	6 Fold Switch	90	9	133		

Assembly Detail



Important note!

The distance between the two switches should be at least **120 mm** from center to center.





Touch the Future...

Using state-of-the-art technologies, Valesa Touch Panel enables you to manage your living environment—lighting, climate, cameras, security, intercom, blinds and more...



Comfort at your fingertips...

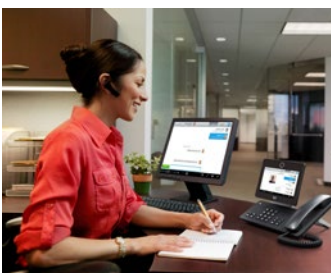
With Valesa panel, of all ages in family can easily control lighting, heating-cooling, shutter-blind devices, activate burglar alarm, monitor cameras and use intercom to converse with incoming guests. You can easily call a taxi, valet or make SPA reservation easily by using integrated concierge services.

Helping to experience comfort in your home, Valesa panel technology is designed to meet all your needs from a single interface. In addition to adding elegance to chosen aesthetic of your spaces with a touch of design, Valesa panel will also become an essential part of your home.



Reception

IP based communications by reception staff



IP Phone



Camera



Stay Safe 24/7... Security and Cameras

Valesa panel takes an innovative approach to protect your safety. Even if you're not at home if an alarm occurs, Valesa notifies site/residence security personnel for an immediate intervention keeping your home safe.



Valesa includes a burglar alarm armed in stay or away mode. With intelligent network structure and SIP technology, you can communicate with site security or between apartments quickly and easily.

You can monitor all cameras in your living environment with Valesa, and contact site security personnel if necessary.



Better Safe Than Sorry... Safety and Burglar Alarm

Whether you are abroad or at home, Valesa will protect you against fire, flood, gas leakage, or burglars by providing an alarm.

Alarms can be defined in software using dry contacts provided on the valve panel. You can find detailed alarm notifications through Valesa or on your mobile devices.

No need to worry if you forgot to arm the burglar alarm before you leave! Just grab your smart phone and set the alarm via Valesa Mobile.

With Valesa mobile application, you can go one step further and cut off electricity, water and gas systems remotely if necessary.

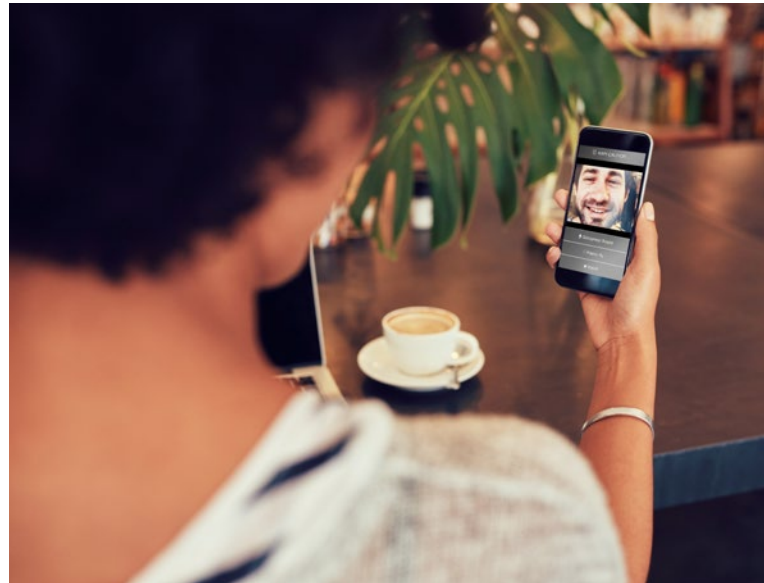


Discover the Power of Valesa in Communication... Intercom

You can use your Valesa touch panel to communicate with outdoor intercom units and open apartment doors.

Valesa touch panel also allows you to make calls within the apartment units, security, site management and reception.

Furthermore, you have all the power of Valesa Touch Panel in your pocket: Valesa Mobile phone application.



Live in Luxury... Concierge Services

In addition to in-house control, Valesa enables you to use the services provided by the site management.

Calling a taxi, dry-cleaning, restaurant reservation, valet service, technical service and many more....



Taxi



SPA



Cleaning



Valet



Dry
Cleaning



Restaurant



Be in touch with Site Management



You can easily manage announcements, events, suggestions, complaint notices and follow-ups in your site or residence with a single touch.

Also, bills and service charges can be sent to you by your site/residence management through Valesa.



Be Ahead of Time... Information Service



Before leaving your house, you can check the weather forecast and finance market on Valesa.

The Valesa Touch Panel will look after you even if you are outside by alerting you to take your umbrella if the chance of rain is high .

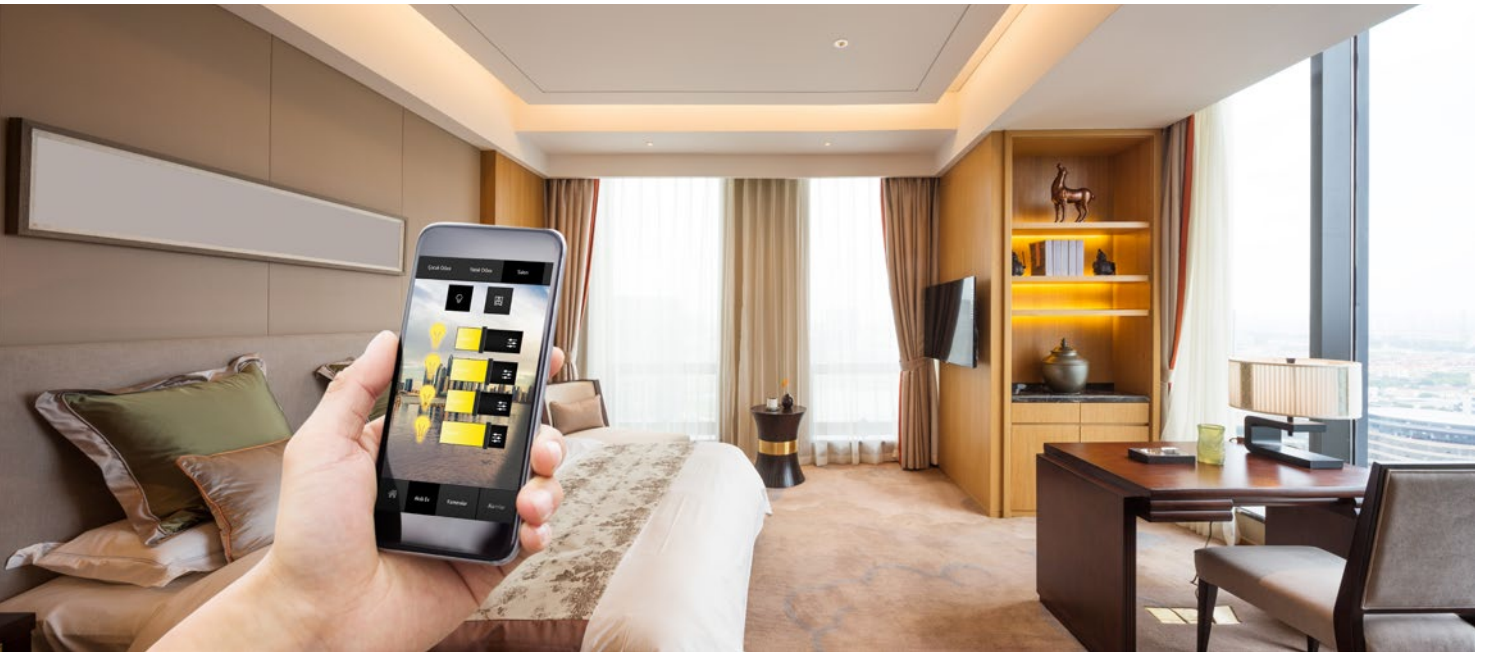


Catch up With Mobile Age... With Valesa Mobile

Manage lighting, climate, blinds, alarms, intercom, with your mobile devices.

You can do anything you do with touch panel using your smartphone. Highest level of data security technologies are used in Valesa Mobile Application.





A Technology Connected to You... **Smart Coverage**

Your mobile devices are automatically connected to your home network when you are in the house. That way, you can quickly start experiencing comfort.

Valesa panel allows you to manage your home system via the Internet when you're not in the house, and it automatically connects to your wireless network inside the house when you are in the house, without needing to connect to the Internet.

Be the Director of Your House... **Scenarios**

You can define and save custom scenarios in your system and activate these scenarios anytime after with a single touch. Comfort and energy savings will be an unbidden plus after configuring your scenarios.



Be the One Who Plays With Light... Lighting



You can turn on/off, dim your lighting fixtures or create light groups within the intelligent home automation system via the Valesa Touch Panel... With Valesa you can create different light atmospheres anywhere in your house.



When you are away, instead of worrying whether you have left any lights on, you can simply log in to Valesa Mobile application, check the status of lights and control any light in your house.



Create Your Own Comfort... Heating-Cooling



You can control all types of air conditioners, floor heating units, radiators, combi boilers and fan-coils in your living area and decide on the working hours from Valesa. You can also switch on/off HVAC system from Valesa Mobile on the way home.



Guide the Daylight... Shutter/Blind Control



Enjoying the comfort of controlling the curtain-blind system in your house with Valesa? You can bring your curtains to a desired position with a single touch.

Let your home shine by the sun using Valesa!

Want to watch a movie? Grab your smartphone or tablet, lower down your curtains and dim your lights! Time to enjoy the movie!



Continuous Freedom with Perfect Components...

With world-class, state-of-art components and standards which are accepted in hardware and software worlds, Valesa touch panels offer you continuous freedom.

Designed and developed with EAE Technology's long-standing R&D tradition, Valesa panels provide the best continuous service guarantee in smart home automation systems.

Continuous system control provides quality and supervision, and in the event of any malfunction, instant support department intervenes and solves the issue without you ever noticing. Enjoy continuous freedom with Valesa.



SOME OF OUR REFERENCES



Vadikoru
VADİKORU RESIDENCES*
İstanbul



ROUTE
İSTANBUL

ROUTE ATAKÖY*
İstanbul



Türk Telekom

TÜRK TELEKOM R&D BUILDING
İstanbul



TURKISH AIRLINES
TÜRK HAVA YOLLARI

TURKISH AIRLINES
SIMULATION BUILDING
İstanbul



CENTRAL
BALAT

CENTRAL BALAT RESIDENCES
Bursa



UNIPRES

UNIPRES
United Kingdom



KOÇTAŞ

KOÇTAŞ
Turkey



SGK
SOSYAL GÜVENLİK KURUMU

KAYSERİ SGK
Kayseri



Türk Traktör

TÜRK TRAKTÖR
Sakarya - Ankara

*Ongoing project



**TURKISH AIRLINES
TÜRK HAVA YOLLARI** 

ISTANBUL AIRPORT THY BUILDINGS
Istanbul



GARANTİ 
BLOKLARI

GARANTİ BLOCKS*
Istanbul



topinterieur®

TOP INTERIEUR FURNITURE
Belgium



Puratos 

PURATOS FOOD
Belgium



T.C. Sağlık Bakanlığı

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Istanbul



**MARMARA UNIVERSITY,
BLOCKS C-D**
Istanbul



T.C. Sağlık Bakanlığı
**KONYA NUMUNE
STATE HOSPITAL**
Konya



Mercedes-Benz
MERCEDES BENZ TÜRK A.Ş.
Aksaray



B/S/H/

BSH
Cerkezkoy

OTHER KNX PRODUCTS

RCU FAMILY
EAE KNX - ROOM CONTROL UNITS



PD100/MD100
EAE KNX - PRESENCE/MOTION SENSOR



DA100 / DA110
EAE KNX - DALI GATEWAY



FCA100
EAE KNX - FANCOILACTUATOR



SD110
EAE KNX - 1-10V DIM ACTUATOR



UD105
EAE KNX - UNIVERSAL DIMMER



SW108 / SW104
EAE KNX - RELAY MODULE



IPR100 / IPI100
EAE KNX - IP ROUTER



LC100
EAE KNX - LINE COUPLER



PSU320 / PSU640
EAE KNX - POWER SUPPLY
320mA/640mA

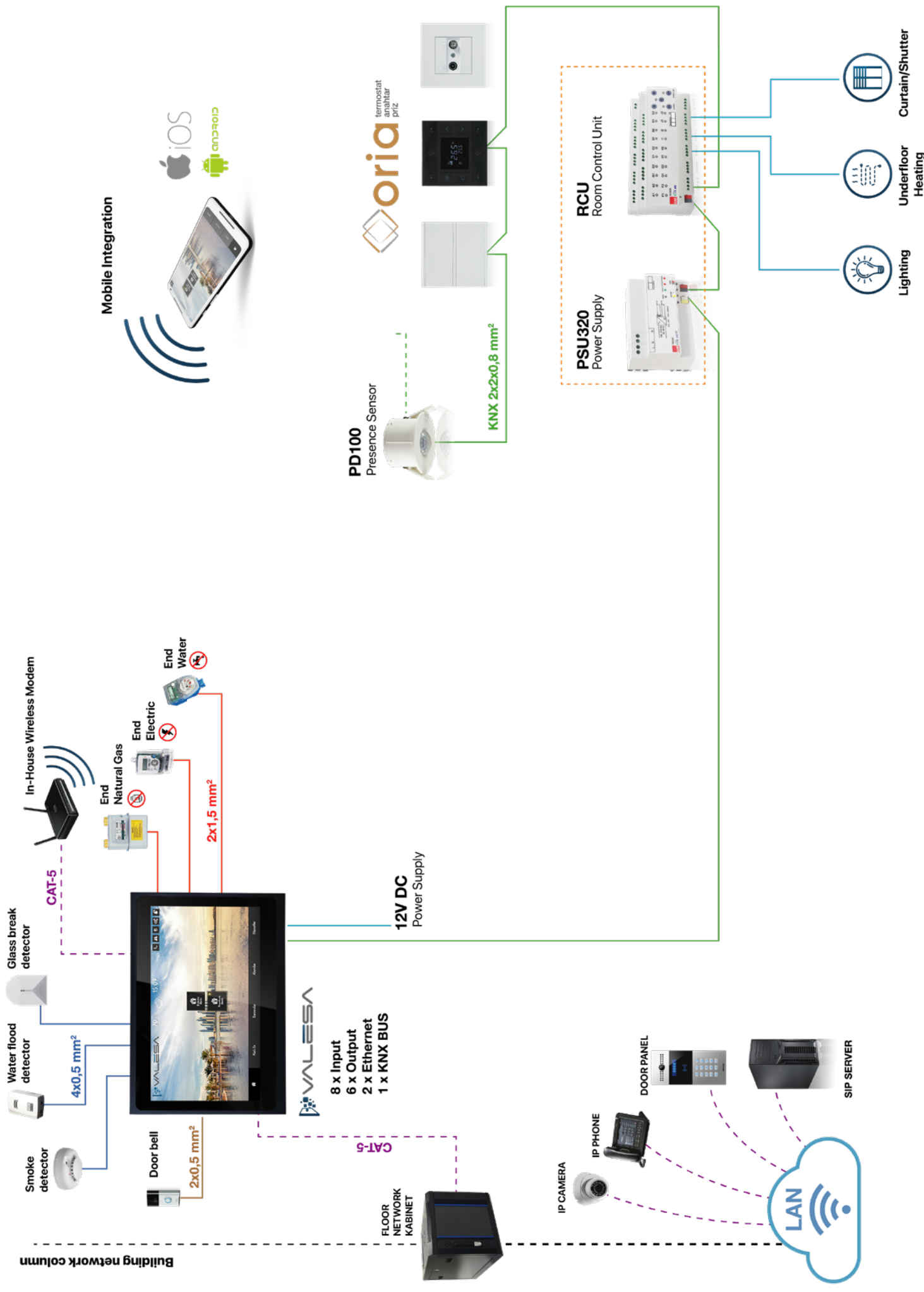


MIO1616
EAE KNX - MULTI INPUT OUTPUT



UI108
EAE KNX - UNIVERSAL INTERFACE







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