

# Smart Home Residential Solutions





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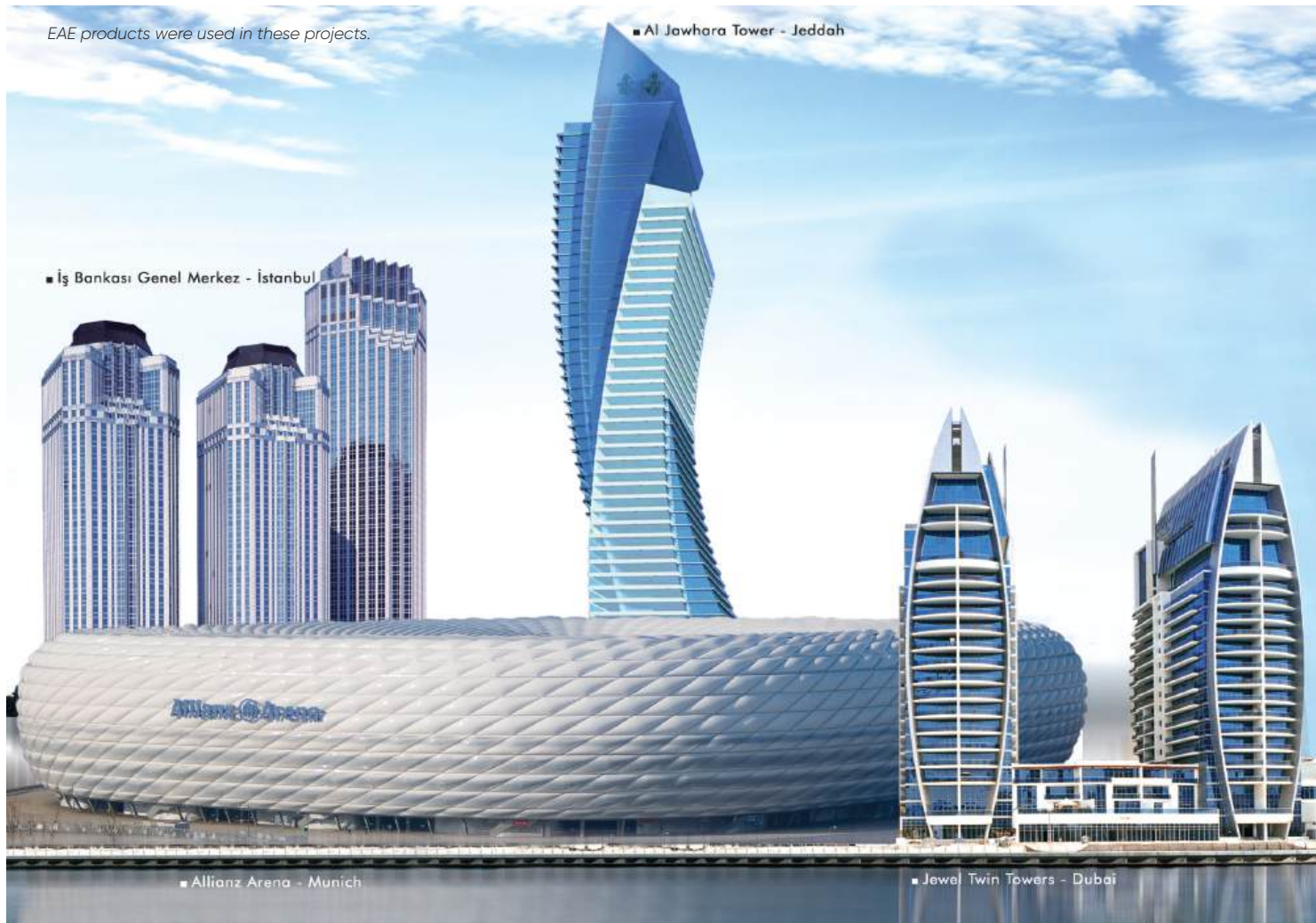


EAE KNX Smart Home and Residential Solutions offers the best user experience with a wide range of products and customizable technological and stylish design of the products.

EAE's Smart Home and Residence solutions are remarkable for users and architects with a variety of materials and colors compatible with the interior, as well as providing ease of use.

Products are based on the worldwide KNX standard and enable the system to be expanded with other KNX manufactured products.

EAE products were used in these projects.



1973  
Establishment date

260.000 m2  
Production area

Products used in  
100+ Countries



More than 2,500  
Employees

6  
Factory

EAE group of companies have over 2,500 employees worldwide and EAE products are used in more than 100 countries. EAE Group has over 50 patents, 300 brands and 150 industrial designs.



■ Almas Tower - Dubai

■ Socar Tower - Baku

Trump Towers - Istanbul

■ Astoria - Istanbul

■ Canary Wharf - London

KNX Member & Training Center

1.000.000+ Active device in the world

Design, Production In Istanbul - Turkey

KNX

80+ Export Countries

50+ Expert Technical Team

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 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.





## TD4-KNX 4” Touch Display

The Pinnacle of Smart Control...

Step into the future of home automation with EAE Technology's KNX Touch Panel, where cutting-edge technology meets elegant design. Crafted with a capacitive touch screen that responds to your lightest touch, the touch panel transforms the ordinary into the extraordinary, placing the power of control at your fingertips.



Capacitive Touch Screen



All In One Control



4 Zone Thermostat Control



Tunable White



Built-in Temperature Sensor



Proximity Sensor



RGB Control



Audio Control



Touch Vibration Feedback



Humidity and CO<sub>2</sub> Display



Air Quality Display



Energy Metering Display



RGB Navigation LED Bar



Configuration by ETS





## TD4 Touch Panel Technical Specifications

<b>Bus supply</b>	Bus voltage	21V-30V DC, via the KNX bus
	Bus current	<4.5mA/24V DC, <4mA/30V DC
	Bus consumption	<120mW
<b>Auxiliary supply</b>	Voltage	24-30V DC
	Current	<86mA/24V DC, <71mA/30V DC
	Consumption	<2.2W
<b>Connections</b>	KNX	Bus connection terminal
	Auxiliary supply	KNX auxiliary connection terminal
<b>Installation</b>	80mm or 86mm wiring box	
<b>Temperatation</b>	Operation	-5 °C... + 45 °C
	Storage	-25 °C... + 55 °C
<b>Proximity Sensor</b>	Standard 15cm, Enhance 30cm	
<b>Dimension</b>	86x101.3x10.5mm (32.2mm)	
<b>Weight</b>	0.2kg	

### Product Color

Black      White





# All in one control

Thermostat Control

Switching

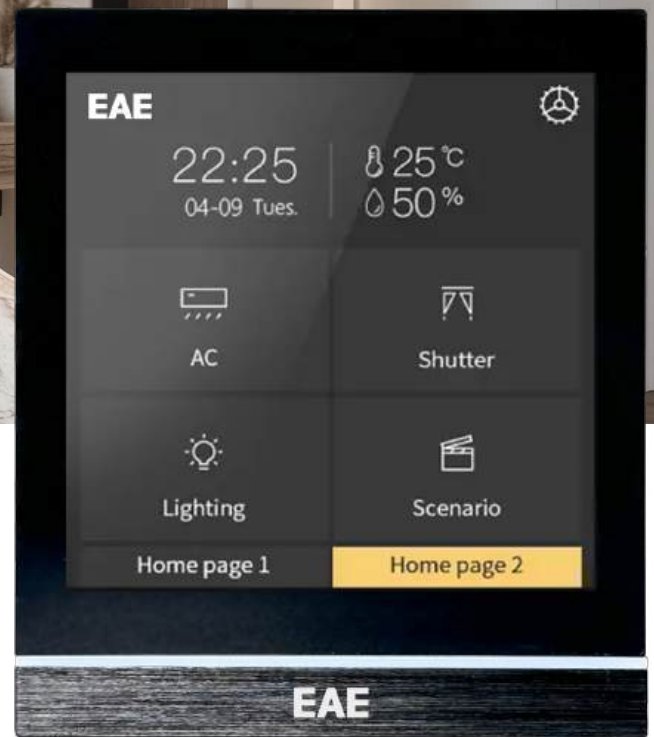
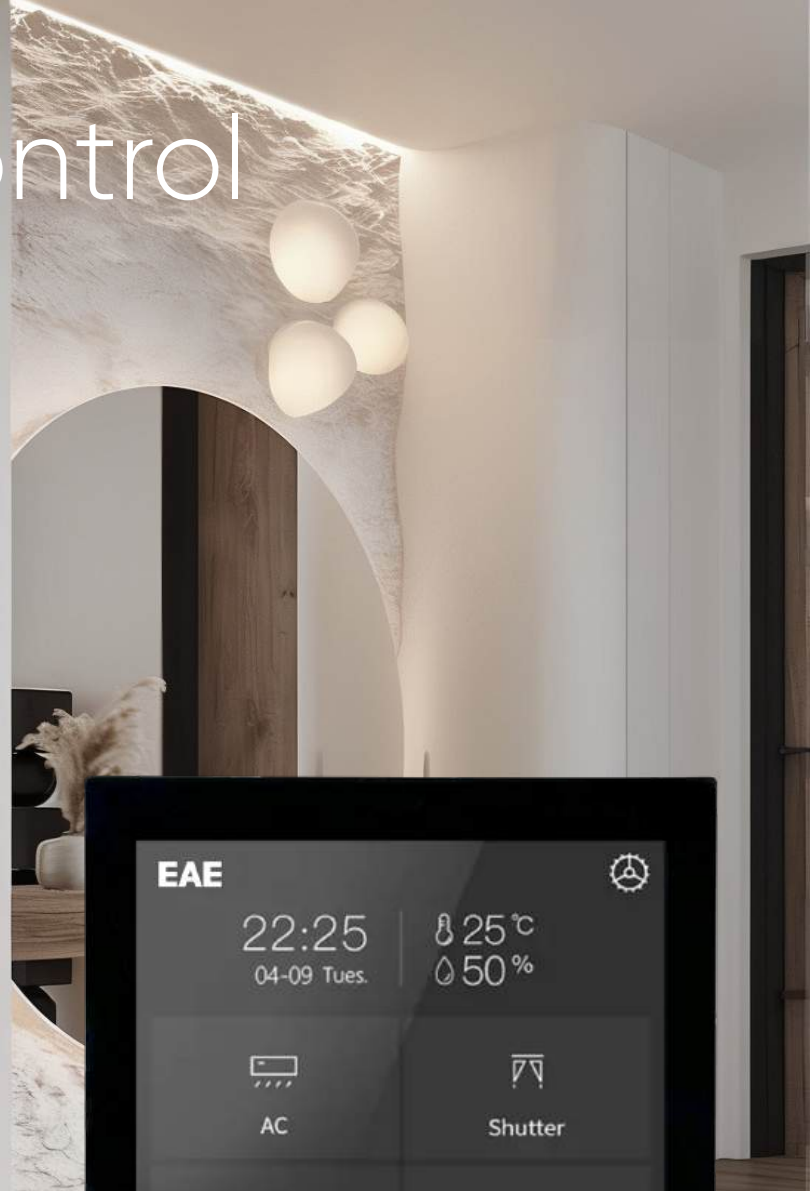
Dimming

Curtain Control

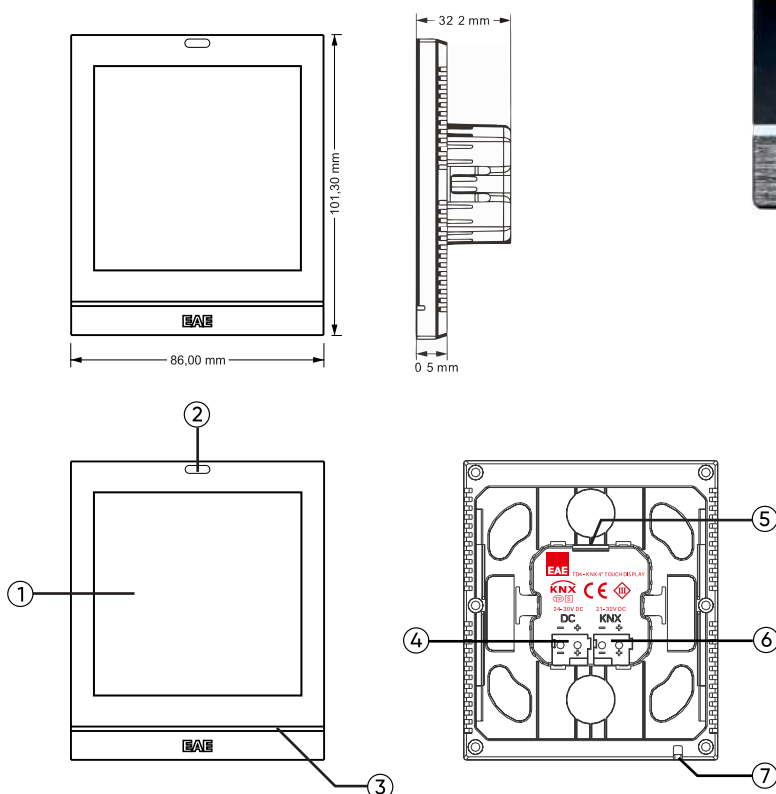
Scene

Value Sending

Switching Indication



## Dimensions and Functional Elements



- 1 - Touch and display area
- 2 - Proximity sensor
- 3 - Colorful Strip LED bar
- 4 - Auxiliary supply connection terminal
- 5 - SD Card slot
- 6 - KNX Bus connection terminal
- 7 - Built-in temperature sensor



## Capacitive touch screen

Effortless control at your fingertips. Responsive, intuitive and designed for modern living.

## Internal temperature sensor

Your comfort is ensured with the built-in temperature sensor.

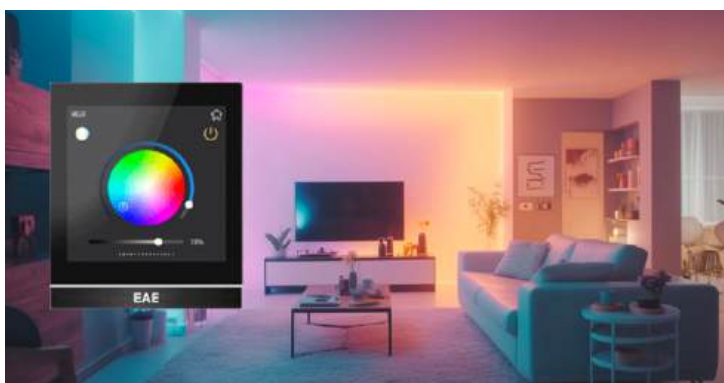


## 4 Zone thermostat control

Keep your living environment in perfect harmony by creating different climates in every corner with 4-Zone Thermostat Control.

## Proximity sensor

When you approach, the proximity sensor gently wakes the panel and makes it ready for use.



## RGB control

Feel how the environment changes with Lighting RGB Control—whether RGB, RGBW, or RGBCW, you have complete control over color and temperature.



## Adjustable white light control

It perfects your living environment, switching from warm light to cold light and vice versa.

## Touch vibration back notice

Enjoy tactile elegance...  
A subtle reminder that you're in control.



## Energy measurement monitoring screen

It helps you live a smart and sustainable life...

## Air quality, humidity and CO2 level monitoring screen

Displays humidity and CO2 levels to keep your air clean and fresh.



## With ETS configuration

You do not need to use an external panel configurator.





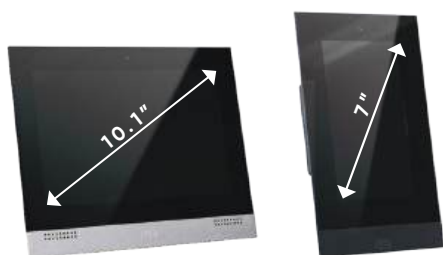




### Miola Touch Panel Technical Specifications

SCREEN SIZE	7" MIOLA KNX-TP	10.1" MIOLA KNX-TP
CPU	PX30 Chipset	PX30 Chipset
Memory	1GB	1GB
Hard Disk	8GB EMMC	8GB EMMC
Operating System	Android 8.0	Android 8.0
Power	12-30 VDC	12-30 VDC
Resolution	600x1024px	1280x800px
Touch Panel	Project Capacitive Touch	Project Capacitive Touch
Microphone	1 with Echo Cancellation	1 with Echo Cancellation
Speaker	1x8 Ohm - 2 Watts	1x8 Ohm - 2 Watts
Input	5 Digital Inputs	5 Digital Inputs
KNX Bus Connection	KNX - TP	KNX - TP
LAN	2	2
Dual Network Connectivity	Yes	Yes
Drivers	EAEOS Operating System Drivers	EAEOS Operating System Drivers
Max Accessory Limit	254	254
Max Room Limit	254	254
Intercom Standart	SIP 2.0	SIP 2.0
Onwall Dimensions	140 x 235 x 4 mm	264 x 208 x 4 mm

*\* Isolated high voltage and current protection*



#### Lath Color Options



Natural

Anthracite



Cloud Server



Intercom



Mobile Integration

Apple iOS Android



Heating-Cooling



Lighting-Shutter/Blind



Schedule, Scenes



## Cloud Server

Thanks to peer to peer connection, SIP calls are made directly between devices without the need for a SIP server.

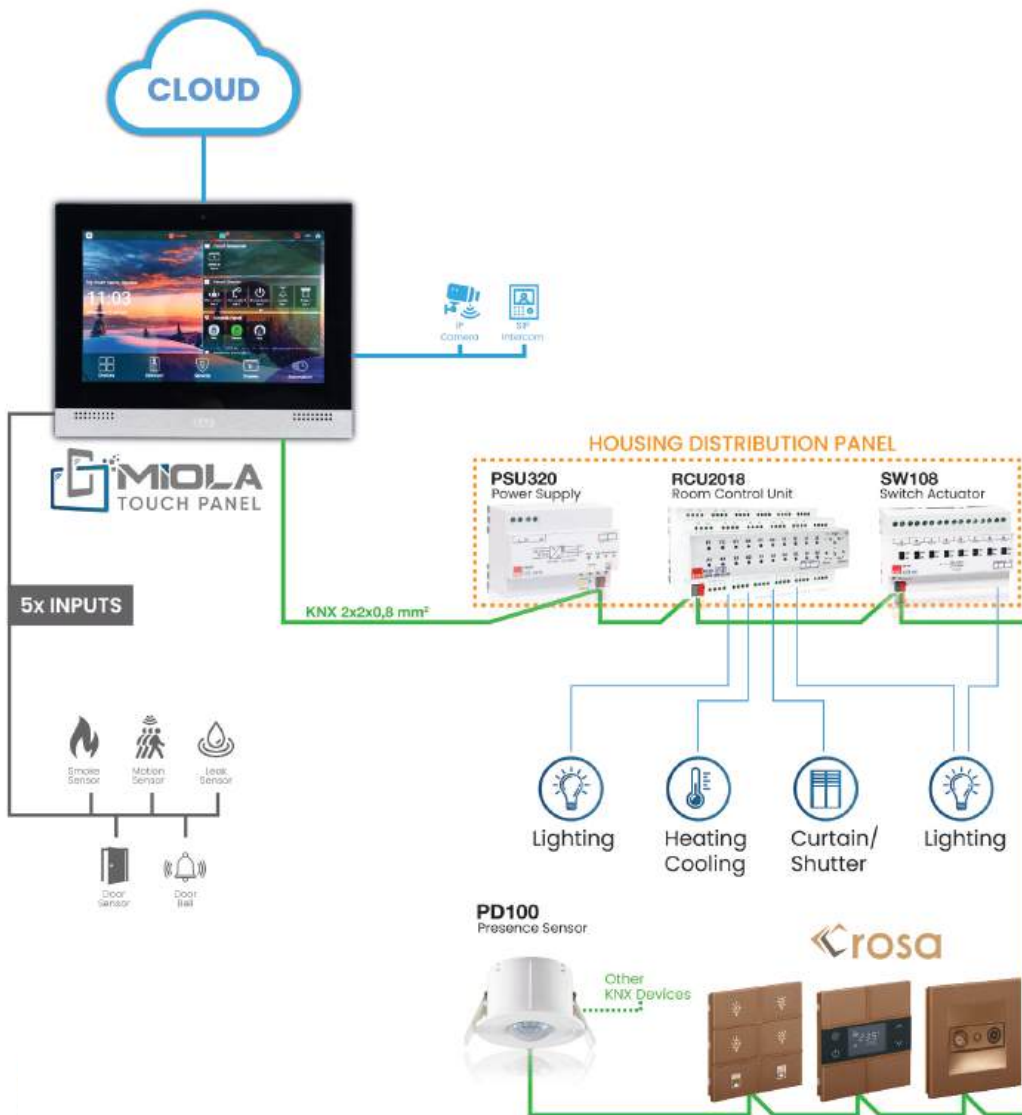


## Intercom

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

## Mobile Integration

Manage lighting, climate, blinds, alarms, intercom, with your mobile devices. You can do anything you do with touch panel with using your smartphone.





Add Value!

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KNX Thermostat | Switch | Socket

---



22.5 °C

22.5







## 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.





# 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
-  Brushed metal surface
-  Thermostat and switch together
-  Additional heating-cooling control
-  Frameless, minimalist design
-  Fully automatic heating-cooling transition
-  Short Press
-  Double Press
-  Icon options
-  Navigation LEDs
-  Feedback LEDs
-  Away, comfort, night and protection modes
-  Independent programmable buttons
-  Various color option
-  Tripple Press
-  Long Press



Rosa  
1 Fold Metal Bronze Thermostat



1 Fold - Natural



2 Fold - Gold



3 Fold - Anthracite



4 Fold - Bronze



# rosa crystal

## Thermostats

### Elegant and Minimalist Design

The Rosa Crystal 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 Crystal 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
-  Short Press
-  Tripple Press
-  Double Press
-  Long Press



Rosa  
2 Fold Black Crystal  
Thermostat

1 Fold - Black



1 Fold - White



3 Fold - Black



4 Fold - White



















# rosa pictus

## Thermostats

### Elegant and Minimalist Design

Rosa Pictus metal thermostats, which technically have the same features as the Rosa Crystal series; It can be adapted to different concept designs with its brushless, painted surface option. 5 different color options offer users and interior designers a wide range of complementary products.

-  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
-  Short Press
-  Long Press
-  Double Press
-  Tripple Press



Rosa  
1 Fold Pictus Bronz Termostat

1 Fold - Bronz



1 Fold - Dark Gray



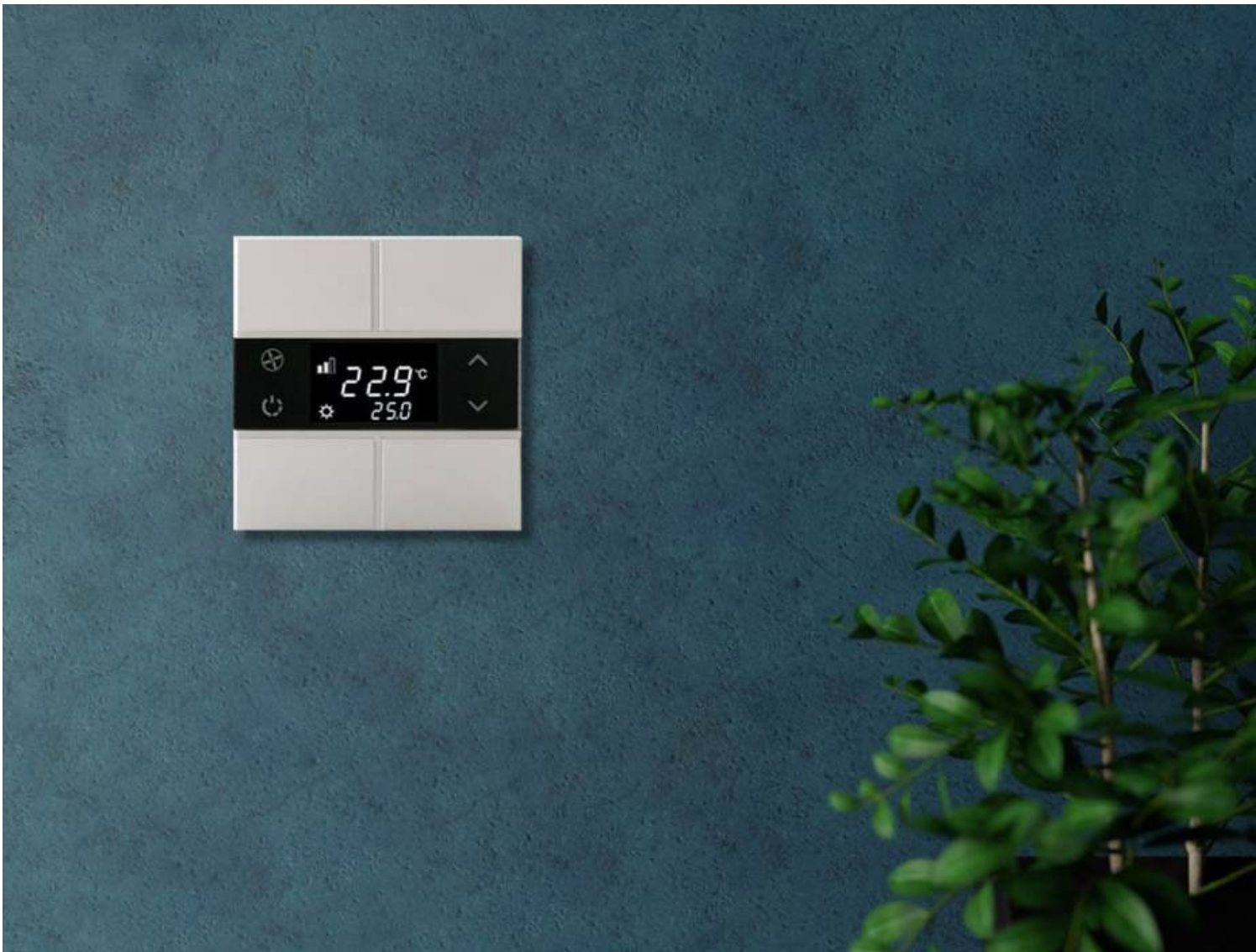
1 Fold - White



3 Fold - Black



4 Fold - Light Gray



# rosa metal

## Switches

### Elegant and Minimalist Design

Rosa metal switches with 5 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



Temperature and humidity sensor options



Tripple Press



Short Press



Long Press



Double Press



Rosa  
2 Fold Metal Natural Switch



1 Fold - Anthracite



3 Fold - Bronze



4 Fold - Natural



5 Fold - Gold



# rosa crystal

## Switches

### Elegant and Minimalist Design

Rosa Crystal 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



Temperature and humidity sensor options



Tripple Press



Short Press



Long Press



Double Press



Rosa Crystal  
2 Fold White Crystal  
Switches



Single Fold - Black



1 Fold - White



3 Fold - Black



5 Fold - White





# rosa pictus

## Switches

### Elegant and Minimalist Design

Rosa Pictus metal keys perfectly match the expectations of interior designers with their 5 different color options and brushless metal surface. Optional temperature sensors on Rosa Switches can measure room temperature from different places.

-  Touch operated
-  Brushed metal surface
-  Frameless, minimalist design
-  Independent, programmable buttons
-  Short Press
-  Long Press
-  Double Press
-  Tripple Press
-  Icon options
-  Navigation LEDs
-  Feedback LEDs
-  Various color option
-  Temperature and humidity sensor options



Rosa  
2 Fold Pictus Koyu Gri Anahtar

2 Fold - White



2 Fold - Dark Gray



1 Fold - Bronze



4 Fold - Anthracite



5 Fold - Light Gray





## Touch operated design...

Precision detection for glass and metal surfaces.



## Internal temperature sensor...

Anahtarlarda dahili sıcaklık sensörü opsiyoneldir.



## Independet programable 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**



## Brushed metal surfaces...

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



## Unlimited color options...

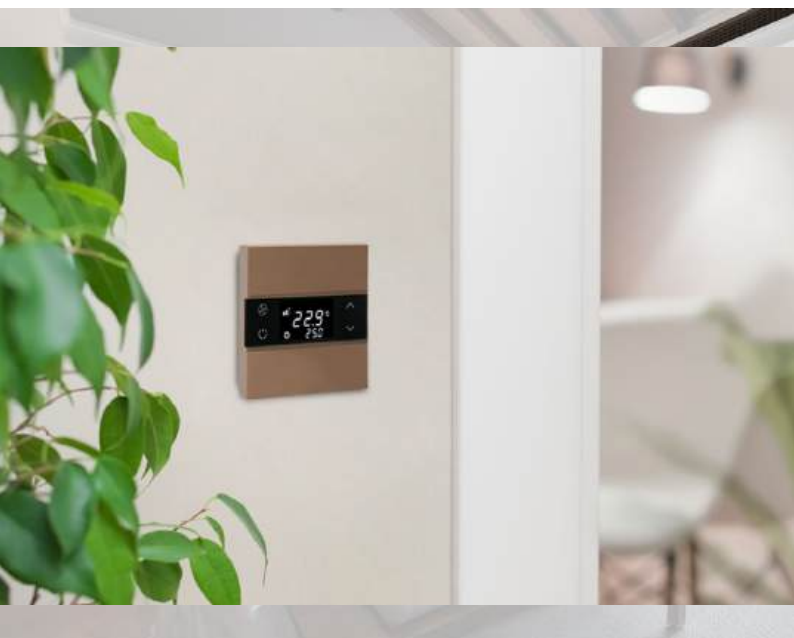
All RAL codes can be applied





## High quality raw materials...

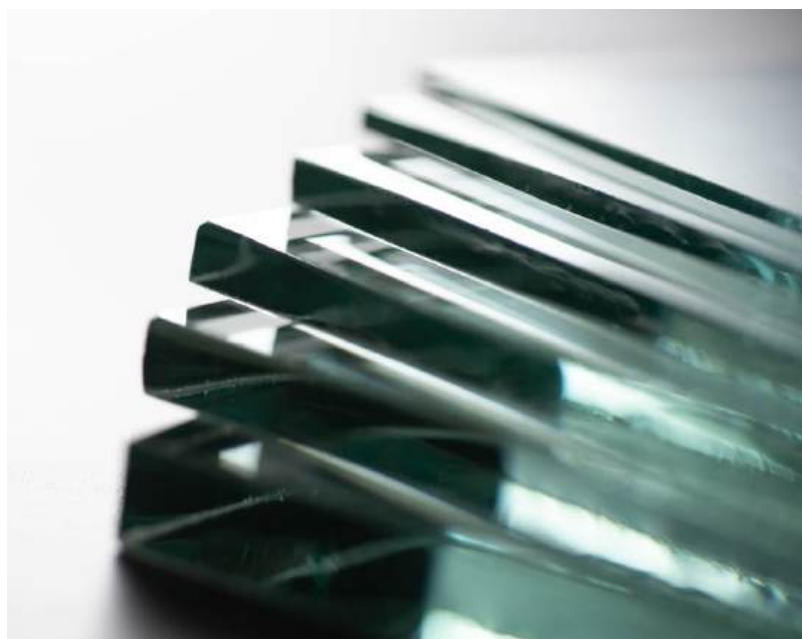
7000 series aluminum is used for Rosa switch and thermostat.



## Additional Heating and Cooling...

Rosa series has a built-in temperature sensor.

Rosa Thermostat has an automatic heating / cooling switching function. Additional heating / cooling units can be added to the system.



## 4mm tempered glass...

Conductive material coated glass surfaces are used for the Rosa Glass series.





## Status LEDs...

You can control the status of lights, curtains/blinds and air conditioners in your living spaces with the status of LEDs.



## Navigation LEDs...

Thanks to the navigation LEDs on Rosa, reach your thermostat and switch easily and safely in dark environments.



## Customizable symbol options...

Rosa offers customized icon options with glass and brushed metal surface types.





# Sockets

Elegant and Minimalist Design

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Rosa metal, crystal framed sockets are designed for 4 different standards.

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



# Universal Standard

2M Socket - Natural



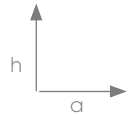
2M Socket - Bronze



3M Socket + Blanking Module - Natural



	a	h
2M	85	85
3M	124	85
4M	144	85
6M	190	85



4M Socket - Gold



6M Socket - Anthracite



# Modular Standard

**1M** Data and Blanking Module - Natural



**2M** USB + Data - Bronze



**3M** Shaver Socket - Natural



	a	h
1M	85	85
2M	85	85
3M	124	85
4M	144	85
6M	190	85

**4M** Universal Socket + SAT/TV - Gold



**6M** Socket + Socket + SAT + Blind Cover - Anthracite



## Dimensions





# European Standard

Single Data - Bronze



Double Socket + Phone - Gold



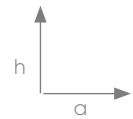
Triple Socket + TV - Natural



Quadruple Socket + Data + TV - Bronze



Dimensions	a	h
Single	85	85
Double	156	85
Triple	227	85
Quadruple	298	85
Quintet	369	85



Quintet Socket+DATA+Sat - Anthracite



Single Socket - Black Glass



Double Socket+TV/SAT - White Glass



Triple Socket+SAT+Socket - Black Glass



Quadruple Socket+Socket+TV/SAT - White Glass



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



Quintet Socket+DATA+Socket+Sat - Black Glass



# rosas THERMOSTAT and SWITCH ICON OPTIONS



Light On / Off



Volume Up / Down



Light Dim Up / Dim Down



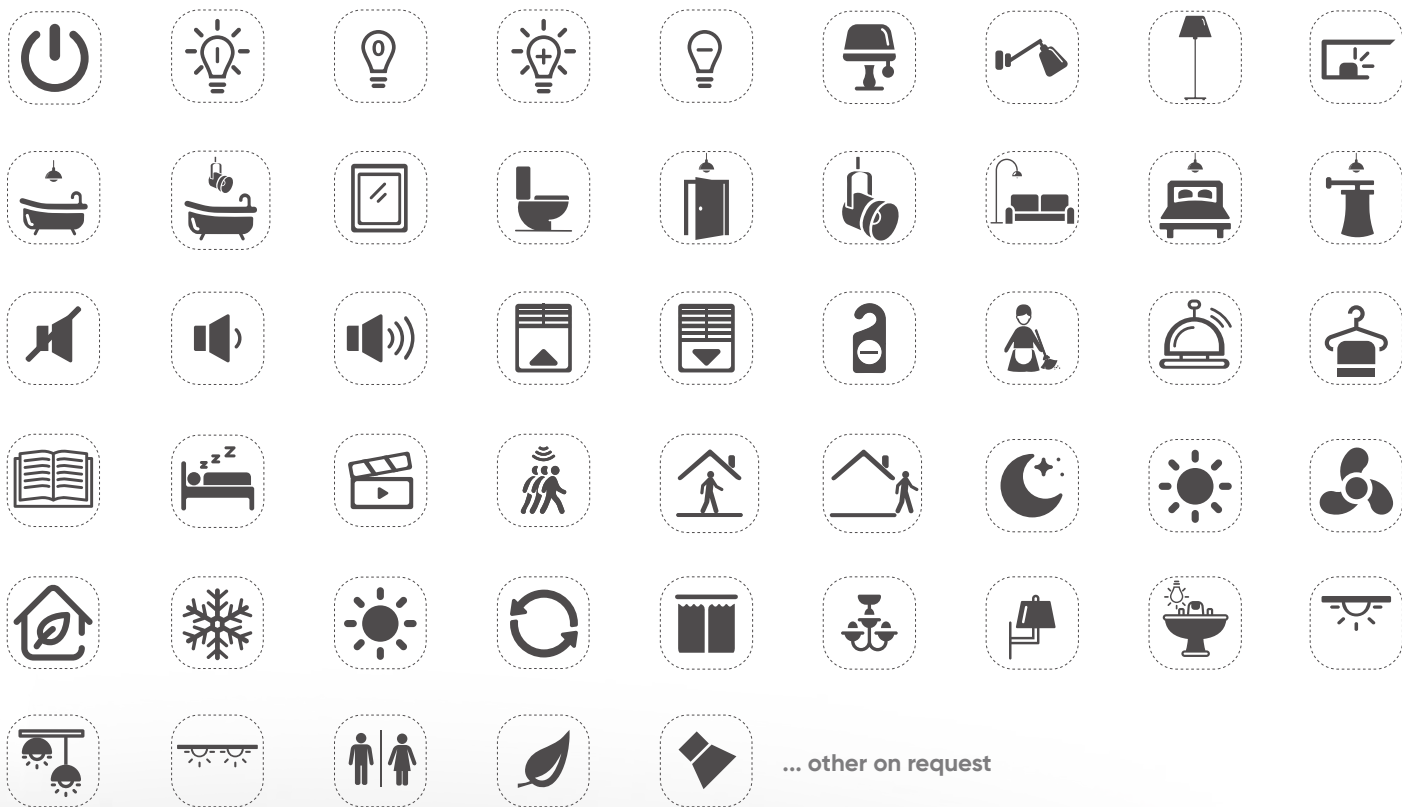
Thermostat



Blind Up / Blind Down

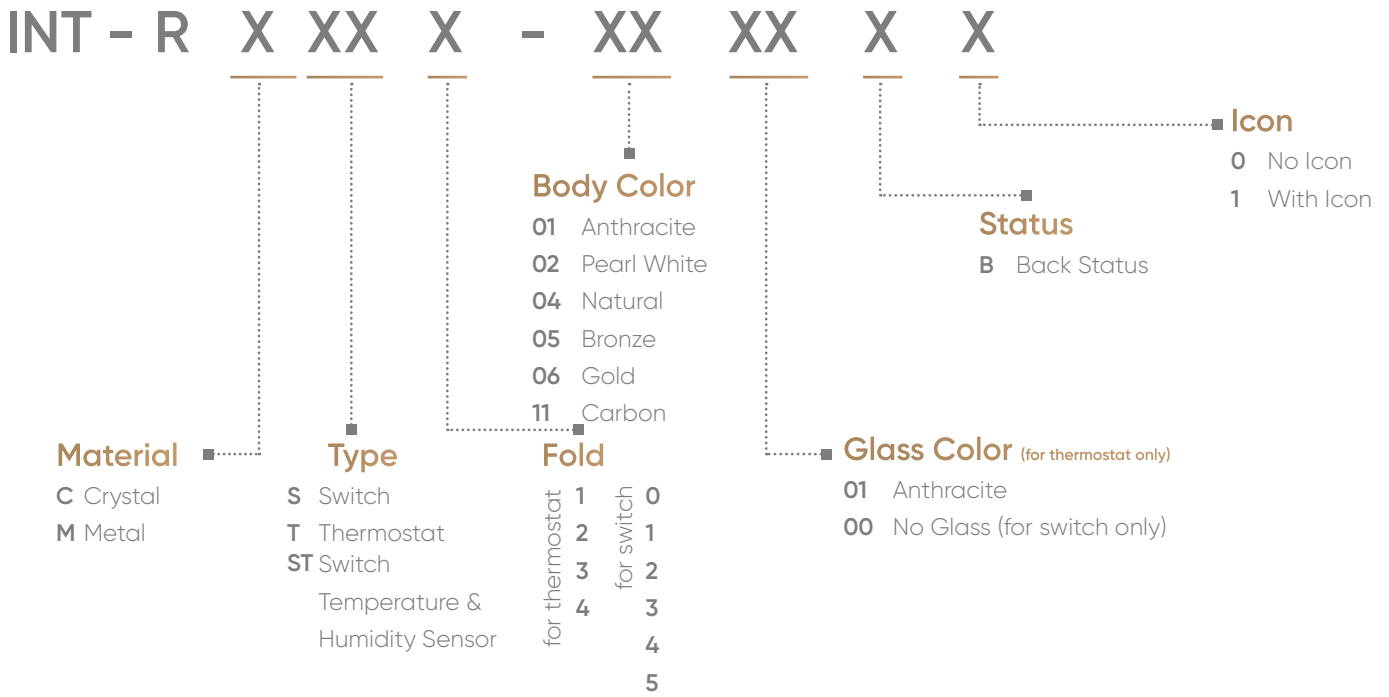


MUR / DND



# rosA

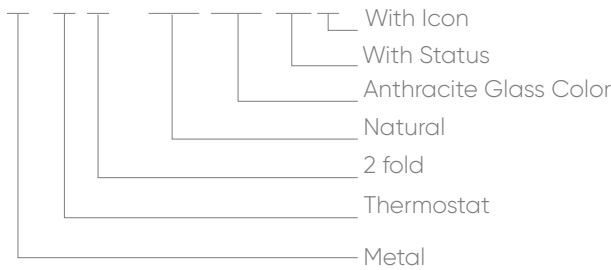
## THERMOSTAT and SWITCH PRODUCT CODE LEGEND



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

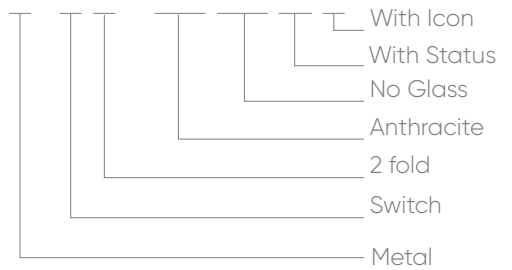
Sample Order Code

**INT-RMT2-0401B1**



Sample Order Code

**INT-RMS2-0100B1**



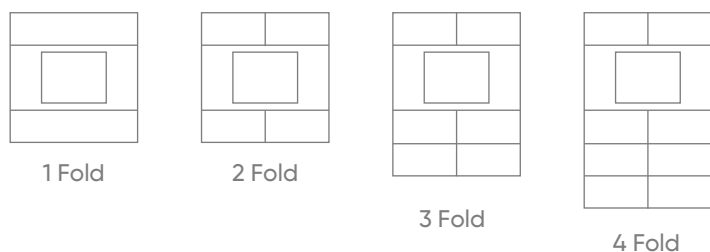


# THERMOSTAT TECHNICAL SPECIFICATIONS



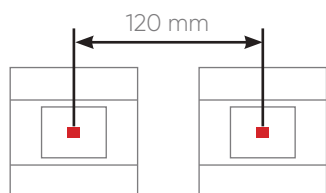
- Can be configured with ETS5.
- Serial thermostat with metal and glass touch-button
- Temperature control via digital LCD
- Internal temperature sensor (°C/ °F)
- Adjustable fan speed (1, 2, 3, Automatic)
- Multiple operation modes (Comfort, Night, Outdoor, Indoor)
- Fully automated operation feature (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

<b>Protection Type</b>	IP 20	EN 60529
<b>Safety Class</b>	II	EN 61140
<b>Power Supply</b>	Voltage Range	21-30V DC, Supply from EIB/KNX line
	Supply voltage	<10 mA
<b>Temperature</b>	Operating	-5° C + 45° C
	Storage	-25° C + 55° C
<b>CE</b>	In accordance with EMC guideline and low voltage regulation	

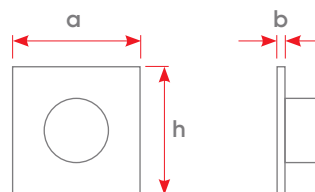


Dimensions (mm)	a	b	h
1 Fold Thermostat	85	11	85
2 Fold Thermostat	85	11	85
3 Fold Thermostat	85	11	114,60
4 Fold Thermostat	85	11	143,60

## Assembly Detail



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

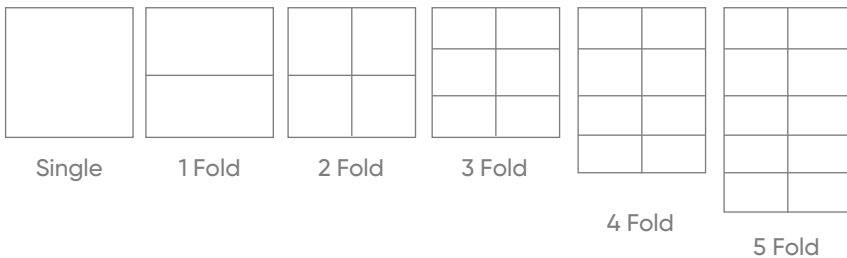


# rosas SWITCHES TECHNICAL SPECIFICATIONS



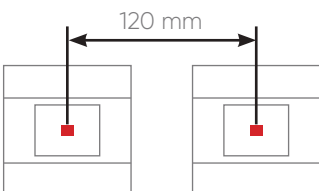
- Optional temperature and humidity sensor.
- Can be configured with ETS5.
- Serial switches with metal and glass touch-button
- Large collection option up to 5 Folds
- Product options with and without notification LED
- Optionally, icon branding is available.
- Different color options
- Easy installation 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

<b>Protection type</b>	IP 20	EN 60529
<b>Safety class</b>	II	EN 61140
<b>Power Supply</b>	Voltage Range	21-30V DC, Supply from EIB/KNX line
	Supply voltage	<10 mA
<b>Temperature</b>	Operating	-5° C + 45° C
	Storage	-25° C + 55° C
<b>CE</b>	In accordance with EMC guideline and low voltage regulation	



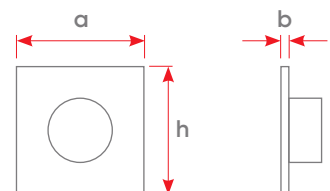
Dimensions (mm)	a	b	h
Single Switch	85	11	85
1 Fold Switch	85	11	85
2 Fold Switch	85	11	85
3 Fold Switch	85	11	85
4 Fold Switch	85	11	114
5 Fold Switch	85	11	143

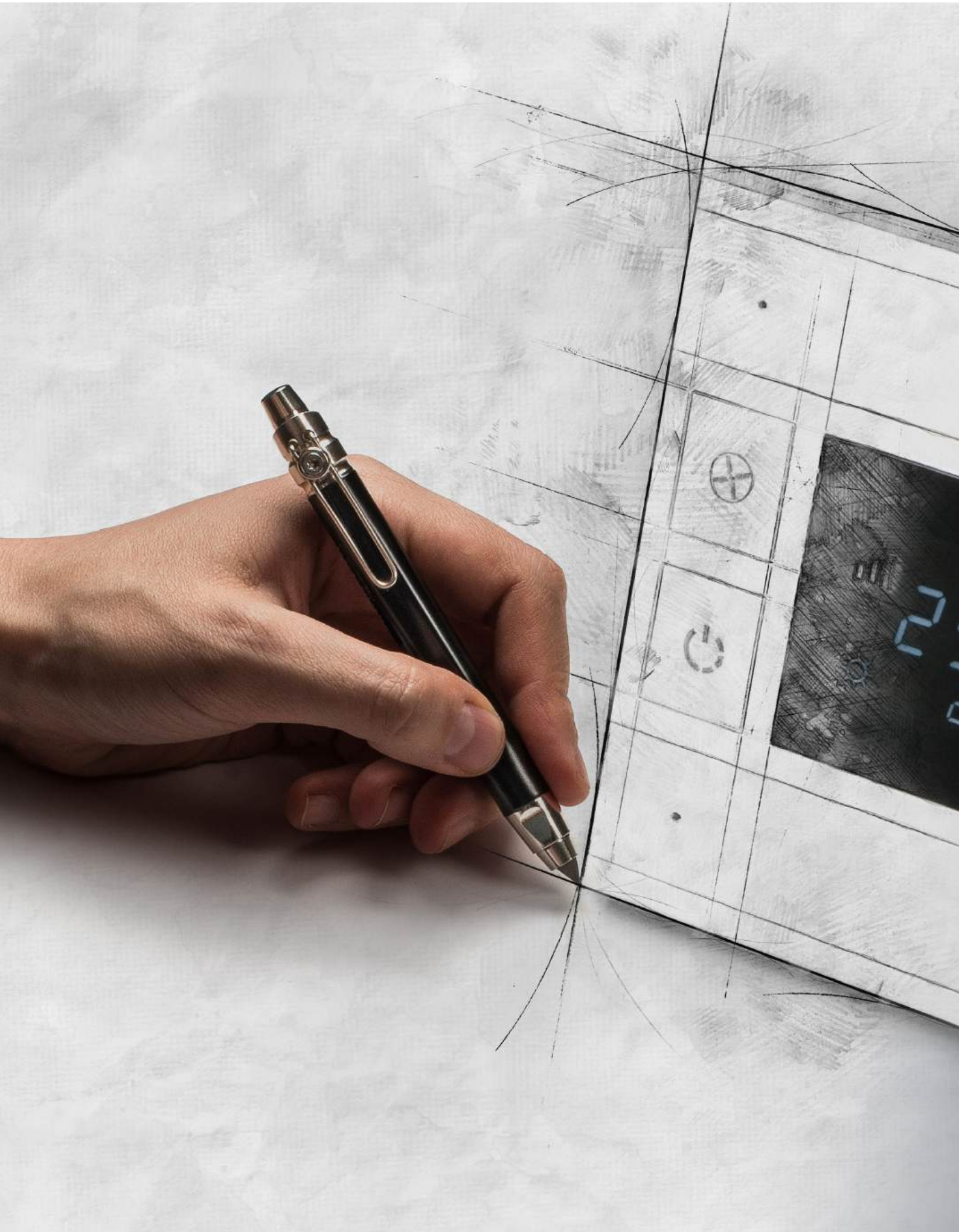
## Assembly Detail



### Important note!

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









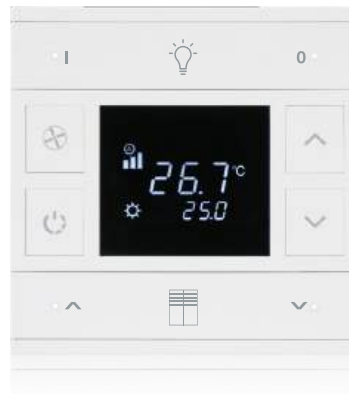
 **oria**  
Live in Comfort!

---

KNX Thermostat | Switch | Socket

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## Thermostat

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



## Switch

Control lights and blinds with a single press with Oria switches.

Receive temperature and humidity information via the switch, thanks to the optional temperature and humidity sensor



## Socket

Socket group with eye catching design for perfect harmony.





Control is under  
your fingertips...

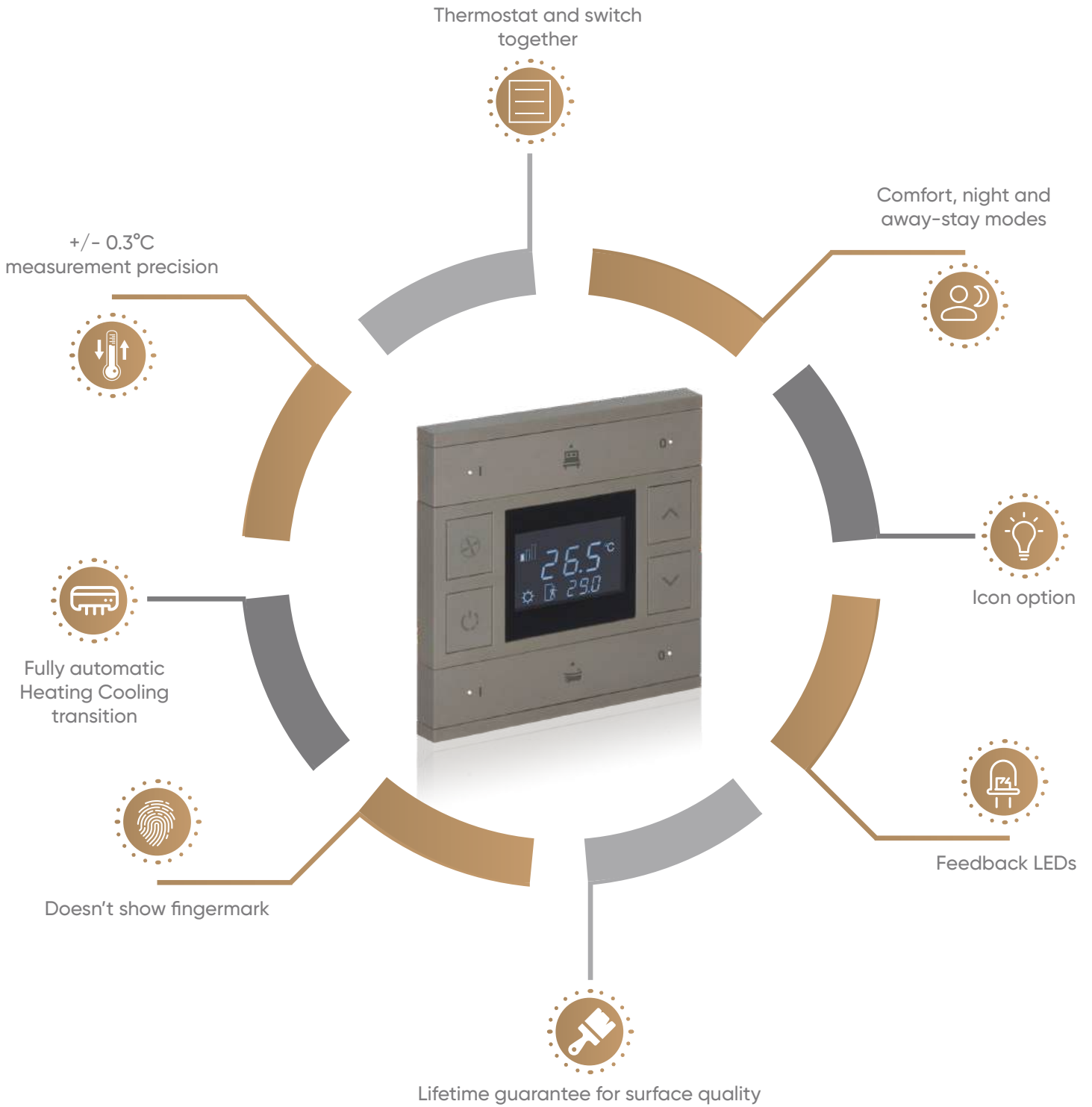
A simple touch, unlimited comfort

# 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 Antique Gray





# Superior Technology Open the Door...

A simple touch, unlimited comfort

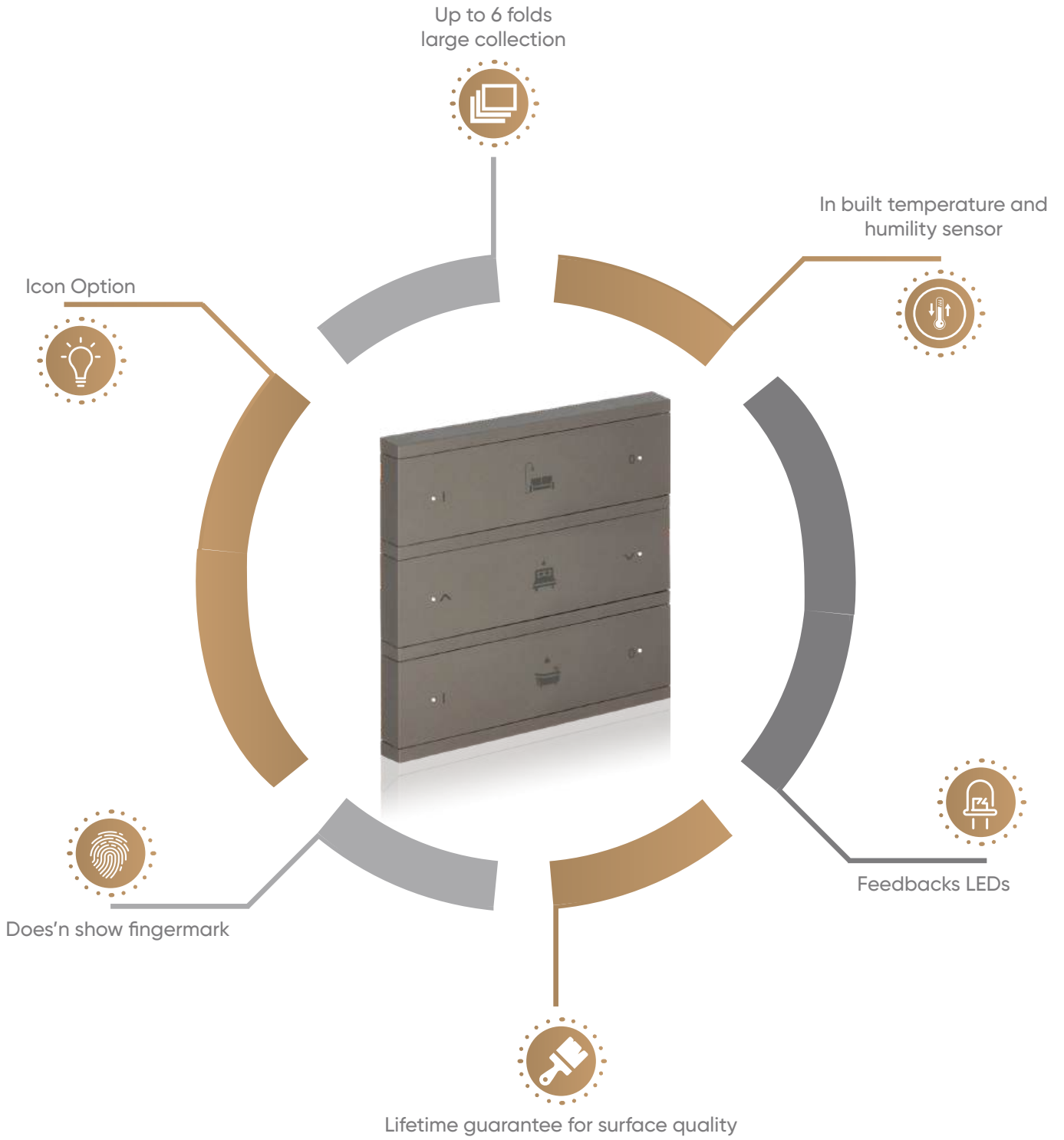
## Switches

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The new generation Oria switches respond to unlimited needs with their design and provide a simple and elegant touch to people's abilities. A rich collection option that can be expanded up to 12 buttons with a single combination, and the ability to manage lighting, heating-cooling, curtain-blinds, speaker, stage call and panic button controls from a single point.







Single Pearl White | 1 Fold Anthracite | 2 Fold Antique Gray | 3 Fold Mustang Gray | 4 Fold Anthracite | 5 Fold Mustang Gray | 6 Fold Pearl White





A simple touch, aesthetic integrity

# Sockets

Oria sockets, as a complementary element of the new generation thermostat and switch series, will reflect integrity in your spaces.



TV/SAT  
Single Frame Antique



Socket + Socket + SAT + TV  
6M Frame Antique



Data+Socket  
Double Frame Pearl White



Socket + SAT + TV  
4M Frame Anthracite



Socket+TV/SAT  
Tripple Frame Anthracite



Socket + TV  
3M Frame Pearl White



DATA+Socket+TV/SAT  
Quadruple Frame Pearl White



SAT + TV  
2M Frame Mustang Gray



TV/SAT+Socket+Data+UPS  
Quintet Frame Mustang Gray



USB  
1M Frame Pearl White





# oria

## THERMOSTAT and SWITCH **ICON OPTIONS**

	💡	0	<b>Light</b> On / Off
^	💡	∨	<b>Light</b> Enhance / Dim
^	🔊	∨	<b>Volume</b> Increase / Decrease
🎬		🎬	<b>Scene</b>
^	📄	∨	<b>Shutter - Blind</b>
^	📄	∨	<b>Shutter - Blind Wing</b>
🏠		🏠	<b>Away - Stay</b>



# oria

## THERMOSTAT and SWITCH ICON OPTIONS

INT - O X X X - XX XX X X

### Type

- S Switch
- T Thermostat
- ST Temperature & Humidity sensor

### Fold

- |                 |   |            |   |
|-----------------|---|------------|---|
| for thermostats | 2 | for switch | 0 |
|                 | 3 |            | 1 |
|                 | 4 |            | 2 |
|                 |   |            | 3 |
|                 |   |            | 4 |
|                 |   |            | 5 |
|                 |   |            | 6 |

### Body Color

- 01 Anthracite
- 02 Pearl White
- 03 Mustang Gray
- 07 Antique

### Status

- 0 No Status
- F Yes Status

### Icon

- 0 No Icon
- 1 With Icon

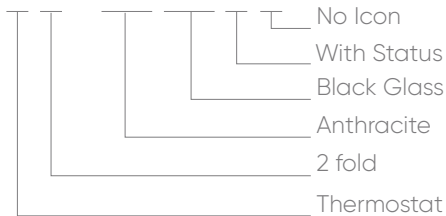
### Glass Color (For thermostat)

- 01 Anthracite
- 00 No glass (only for keys)

Note: Icon and status options cannot be selected together on the same product.

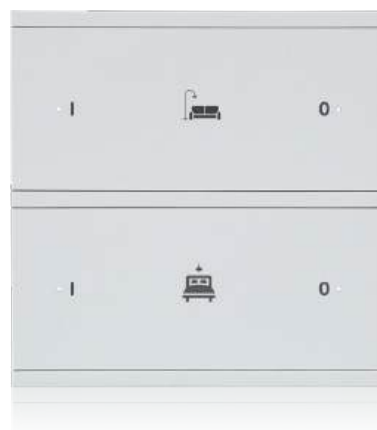
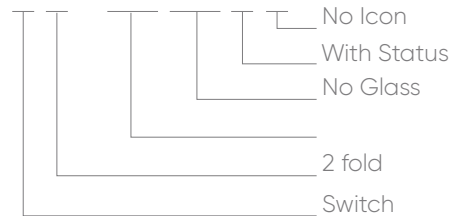
Sample Order Code

### INT-OT2-0101F0



Sample Order Code

### INT-OS2-0300F0



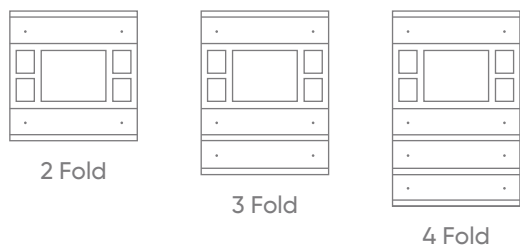
# THERMOSTAT

## TECHNICAL SPECIFICATIONS



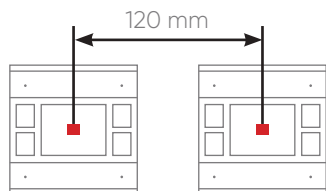
- Can be configured with ETS5.
- Serial thermostat with plastic push-button
- Temperature control via digital LCD
- Internal temperature sensor (°C/ °F)
- Adjustable fan speed (1, 2, 3, Automatic)
- Multiple operation modes (Comfort, Night, Outdoor, Indoor)
- Fully automated operation feature (hot-cold 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

<b>Protection Type</b>	IP 20	EN 60529
<b>Safety Class</b>	II	EN 61140
<b>Power Supply</b>	Voltage Range Supply Voltage	21-30V DC, feeding from EIB/KNX line <10 mA
<b>Working LEDs</b>	Programming LED for each fold	1 to 5 RGB LEDs for physical address identification
<b>Button Operation Life</b>	100.000	
<b>Temperature</b>	Operating Storage	-5° C + 45° C -25° C + 55° C
<b>CE</b>	Compliant with EMC directives and low voltage requirements	
<b>Case Type to be Used</b>	Flush-mounted and surface-mounted cases with 60 mm between two mounting screws, in compliance with European standards	



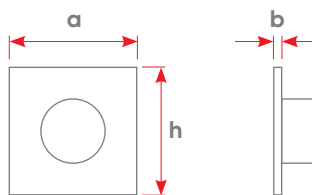
Dimensions (mm)	a	b	h
2 Fold Thermostat	90	9	90
3 Fold Thermostat	90	9	111,5
4 Fold Thermostat	90	9	133

### Assembly Detail



#### Important Note!

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





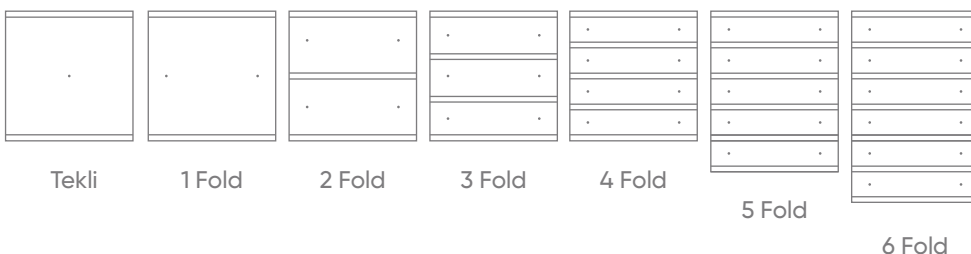
# SWITCHT

## TECHNICAL SPECIFICATIONS



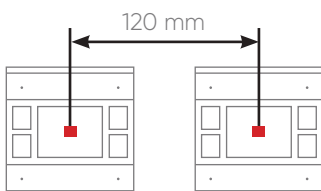
- Internal temperature and humidity sensor option
- Configurable with ETS5
- Plastic push-button serial switches
- Wide collection options up to 6 Folds
- Product option with and without notification LED
- Optionally, icon branding can be done.
- Temperature and humidity sensor options
- Different color options
- Easy installation on 60x60 mm standard switch junction boxes
- The channels are identical and each has the following functions;
  - Switching,
  - Dimming,
  - Curtain control,
  - Sending value and priority,
  - Stage Control,
  - Status notification LED

<b>Protection Type</b>	IP 20	EN 60529
<b>Safety Class</b>	II	EN 61140
<b>Power Supply</b>	Voltage Range Supply Voltage	21-30V DC, feeding from EIB/KNX line <10 mA
<b>Working LEDs</b>	Programming LED for each fold	1 to 5 RGB LEDs for physical address identification
<b>Button Operation Life</b>	100.000	
<b>Temperature</b>	Operating Storage	-5° C + 45° C -25° C + 55° C
<b>CE</b>	Compliant with EMC directives and low voltage requirements	
<b>Case Type to be Used</b>	Flush-mounted and surface-mounted cases with 60 mm between two mounting screws, in compliance with European standards	



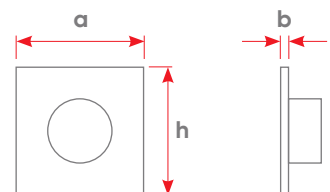
Dimensions (mm)	a	b	h
Single Switch	90	9	90
1 Fold Switch	90	9	90
2 Fold Switch	90	9	90
3 Fold Switch	90	9	90
4 Fold Switch	90	9	90
5 Fold Switch	90	9	111,5
6 Fold Switch	90	9	133

### Assembly Detail



#### Important note!
















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





# Product Family

The Mona Series consists of a user-friendly, elegant frameless glass design and intuitive operation, with capacitive buttons through minimalist icons. With its touch-operated design and minimalist icons, it is suitable to be a part of your living space with its various color options.

-  Optional built-in PIR Sensor
-  Short Press
-  Optional FCU control
-  Long Press
-  Touch operated
-  Double Press
-  Glass surface
-  Triple Press
-  Switch and Card Holder
-  Frameless, minimalist design
-  RGB LED option
-  Icon option
-  Away, comfort, night and protection modes
-  Independent programmable buttons
-  Various color option

Switch



Thermostat



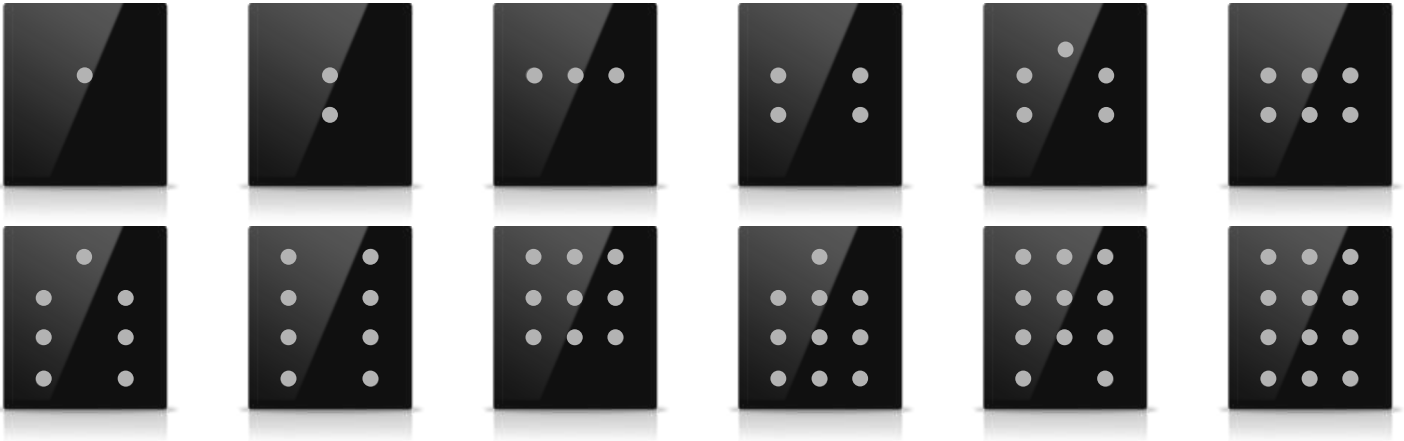
Switch & Thermostat





# Variations

## Switch



## Thermostats



# Sockets

The Mona serie offers glass surface, minimalist design, wide collection up to 5 gang, wide range of colors, wide range socket standart options like BS, European and Modular.







# Panel Devices

**RCU FAMILY**  
EAE KNX - ROOM CONTROL UNITS



**KMG103**  
EAE KNX - KNX Modbus Gateway



**KMG103 - AAZS**  
EAE KNX - KNX Modbus Gateway with Doorlock integration



**UD106**  
EAE KNX - UNIVERSAL DIMMER



**SD110**  
EAE KNX - 1-10V DIM ACTUATOR



**FCA100**  
EAE KNX - FANCOIL ACTUATOR



**SW108 / SW104**  
EAE KNX - RELAY MODULE



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



**MIO1616**  
EAE KNX - MULTI INPUT OUTPUT



**DA100 / DA110**  
EAE KNX - DALI GATEWAY



**UI108**  
EAE KNX - UNIVERSAL INTERFACE



**ACGME100**  
MITSUBISHI AC GATEWAY



**ACGDA100**  
DAIKIN AC GATEWAY



**IPR200 / IPI200 / IPR200S / IPI200S**  
EAE KNX - IP ROUTER - IP ROUTER SECURE  
IP INTERFACE - IP INTERFACE SECURE



**LC200 / LC200S**  
EAE KNX - LINE COUPLER -LINE COUPLER SECURE



## Sensors

**PD100 / MD100 / HB360 / CD100**  
EAE KNX - SENSOR



**HOTEL GRMS DEMO CASE**



**MONA DEMO CASE**



**ROSA DEMO CASE**



**ROSA DEMO CASE**



# Certificates

EAE Technology products are and will always be in compliance with international open standards such as KNX, DALI, TCP/IP and WiFi.



KNX is the worldwide standard for home and building control. KNX offers at the same time the reliability of a consolidated system, market leader for over twenty years. (470 KNX Members, 8000 Products, 470 KNX Training Centers, 83000 KNX Partners, 190 Countries)



DALI (Digital Addressable Lighting Interface) is a protocol for digital lighting control that enables the easy installation of robust, scalable and flexible lighting networks.



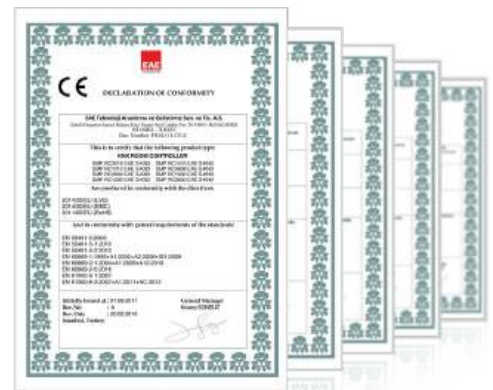
EU rules restricting the use of hazardous substances in electrical and electronic equipment to protect the environment and public health.



This standard is based on a number of quality management principles including a strong customer focus, the motivation and implication of top management, the process approach and continual improvement. These principles are explained in more detail in ISO's quality management principles.



The EAC certifications are issued by independent EAC certification bodies and their laboratories accredited by the relevant agencies of the five members of the EAC Economic Union: Russia, Belarus, Kazakhstan, Armenia and Kyrgyzstan.





# SOME OF OUR REFERENCES



# RESIDENTIAL REFERENCES



CLOUD NINE  
Russia



MESA ORMAN II  
Istanbul



MESA CENGELKOY  
Istanbul



COUNTRY SUIT  
Gaziantep



SPC BUILD  
Sapanca



PARK PANORAMA  
Izmir



COS ALACATI  
Izmir



ALI KEMAL GURDAL  
Antalya



PUKKA BODRUM  
Mugla



NISH MERAM  
Konya



PERA MOGAN  
Ankara



MERYAKA RESIDENCE  
Konya



FLORYA MAX ROYAL  
Adana



NOA TERRACE RESIDANCE  
Izmir



NAMET BEYLERBEYI  
Istanbul



KECIOREN APARTMENTS  
Ankara



# RESIDENTIAL REFERENCES



## FOLKART VEGA

FOLKART VEGA  
İzmir



FOLKART BOYALIK  
İzmir



BODRUM NEF GOLKOY  
Bodrum



ALTOWER  
İstanbul



MESA CUBUKLU 28  
İstanbul



VADIKORU RESIDENCE  
İstanbul



MESA BODRUM  
MESA DEMIRBUKU  
Bodrum



CENTRAL BALAT  
RESIDENCE  
Bursa



BONNEVILLE MIHRAPLI  
Bursa



BRODSKY APARTMENT  
Russia



CADDE MASLAK  
Konya



ROUTE İSTANBUL  
İstanbul



COUNTRY SUIT  
Gaziantep



MOTTO TERRACE GARDEN  
Konya



SAKLİBAHÇE  
SAKLİBAHÇE CAMLİCA  
İstanbul



HESSAH AL MUBARAK  
Kuwait

# RESIDENTIAL REFERENCES



MANDARIN VILLAS  
Çanakkale



MONA 94  
Istanbul



ARYA DELUXE  
Gaziantep



NISH GUMUSLUK  
Bodrum



RISING ROSARANDA  
CESME  
Izmir



MARITZA RESIDENCE  
Istanbul



NATURA PARK MERAM  
Konya



A GARDENYA RESIDENCE  
Antalya



FAIRMONT RESIDENCE  
Russia



ARTAS ATA RESIDENCES  
Istanbul



MESA CINARKOY  
Istanbul



MESA URLA  
Istanbul



MESA BODRUM  
Bodrum



DORUK BEYTEPE  
Ankara



ARMANI RESIDENCE  
Russia



FJ TOWER  
Qatar



# HOTEL REFERENCES



**Marriott**  
HOTELS · RESORTS · SUITES  
Le MERIDIEN MARRIOTT  
HOTEL  
Tbilisi



**Marriott**  
AUTOGRAPH COLLECTION®  
HOTELS  
AUTOGRAPH COLLECTION  
MARRIOTT  
Istanbul



**Marriott**  
HOTELS · RESORTS · SUITES  
MARRIOTT SIRKECI HOTEL  
Istanbul



**NG PHASELIS/BAY**  
HOTELS  
NG PHASELIS BAY HOTEL  
Antalya



**MILLENNIUM**  
MILLENNIUM WEST HOTEL  
Istanbul



**THE OBA**  
HOTEL  
THE OBA HOTEL  
Bodrum



**Radisson**  
RADISSON HOTEL  
Izmir



**Radisson BLUE**  
RADISSON BLUE HOTEL  
India



**MABIN HURA MALDIVES**  
MALDIVES  
MABIN HURA MALDIVES  
Maldives



**RIXOS**  
THE PALM DUBAI  
RIXOS PREMIUM DUBAI  
UAE



**Grand Hotel**  
Grand Hotel  
Niger



**TFF**  
Türkiye Futbol Federasyonu  
Turkish Football Federation  
TFF RIVA HOTEL  
Istanbul



**NAU**  
HOTELS & RESORTS  
NAU HOTEL  
Portugal



**GRAND GALATA HOTEL**  
GRAND GALATA HOTEL  
Istanbul



**KARAVAN SARAY**  
KARAVANSARAY COMPLEX  
Kazakhstan



**GURDAL HOTEL**  
GURDAL HOTEL  
Istanbul



# HOTEL REFERENCES



KEMPINSKI DOME BELEK  
Antalya



BARUT AKRA SORGUN  
Antalya



DEDEMAN HOTEL  
Eskisehir



RIXOS TEKIROVA  
Antalya



SHERATON HOTEL BATUM  
Batum



DOLCE BY WYNDHAM  
Ankara



CROWNE PLAZA  
ORYAPARK  
Istanbul



MELDEN HOTEL  
Mugla



WASHINGTON HOTEL  
Antalya



HAMPTON BY HILTON  
SIRKECI  
Istanbul



ROCKS HOTEL  
Cyprus



ALMINA HOTEL  
Bursa



INEMARE HOTEL  
Kirklareli



SHUSHA HOTEL  
Azerbaijan



DEMONTI HOTEL  
Ankara



TIERRA MAR HOTEL  
Antalya



# HOTEL REFERENCES



**RIXOS**  
PREMIUM BODRUM  
RIXOS PREMIUM BODRUM  
Mugla



**DOUBLE TREE**  
BY HILTON  
HILTON SIRKECI HOTEL  
Istanbul



**Fasq**  
HOTELS & RESORTS  
FASQ HOTEL  
Mauritania



**Cielo Hotel**  
CIELO HOTEL  
Qatar



**SOFITEL**  
BENIN SOFITEL HOTEL  
Benin



**MÖVENPICK**  
HOTEL & APARTMENTS  
BUR DUBAI  
MÖVENPICK HOTEL  
UAE



**ST REGIS**  
ST REGIS HOTEL  
Oman



**Rotana**  
ROTANA HOTEL  
UAE



**EMILY**  
RESORT  
EMILY RESORT  
Lviv



**OYAK DRAGOS**  
OYAK DRAGOS  
Istanbul



**CONDOR HOTEL**  
CONDOR HOTEL  
Romania



**Sheraton**  
HOTELS & RESORTS  
SHERATON HOTEL  
Senegal



**THE PEARL**  
PEARL MARRAKECH HOTEL  
Marrakech



**PESTANA**  
HOTELS & RESORTS  
PESTANA HOTEL  
Casablanca



**CROWNE PLAZA**  
HOTELS & RESORTS  
CROWNE PLAZA  
Tachikistan



**KATE**  
HOTEL SPECIAL CLASS  
Istanbul



# AIRPORT REFERENCES



**Istanbul Airport** 

THY ISTANBUL AIRPORT  
*Istanbul*



**Istanbul Airport** 

ISTANBUL AIRPORT EAST  
BLOCK  
*Istanbul*



**Istanbul Airport** 

ISTANBUL AIRPORT  
OPERATIONS CENTER  
*Istanbul*



**Istanbul Airport** 

ISTANBUL AIRPORT  
MOSQUE  
*Istanbul*



**TURKISH  
AIRLINES** 

TURKISH TECHNIC  
*Istanbul*



**TURKISH  
AIRLINES** 

THY SIMULATION BUILDING  
*Istanbul*



**TURKISH  
AIRLINES** 

ISTANBUL AIRPORT SOLID  
WASTE CENTER  
*Istanbul*



**ISG**  
ISG SAKARYA KONYA  
HAYRULLAH AKINCI  
HAYRULLAH AKINCI

SABIHA GOKCEN AIRPORT  
*Istanbul*





RIZE/ARTVIN AIRPORT  
*Rize*





RIZE/ARTVIN TOWER  
*Rize*





KAYSERI AIRPORT  
*Kayseri*





ANTALYA AIRPORT  
DIRECTORE  
*Antalya*





ANTALYA AIRPORT  
CARGO  
*Antalya*





ANTALYA AIRPORT  
CARPARK  
*Antalya*





TOKAT AIRPORT  
*Tokat*





7th MAIN JET BASE COMMAND  
*Malatya*



# HOSPITAL REFERENCES



**LUTFI KIRDAR TRAINING AND  
RESEARCH HOSPITAL**  
*Istanbul*



**SANLIURFA CEYLANPINAR  
PUBLIC HOSPITAL**  
*Sanliurfa*



**UŞAK PUBLIC HOSPITAL**  
*Usak*



**SIVAS CUMHURİYET  
UNIVERSITY HOSPITAL**  
*Sivas*



**KUTAHYA CITY HOSPITAL**  
*Kutahya*



**OKMEYDANI TRAINING AND  
RESEARCH HOSPITAL**  
*Istanbul*



**MALATYA MATERNITY  
HOSPITAL**  
*Malatya*



**GAZIANTEP MATERNITY  
HOSPITAL**  
*Ankara*



**KIRKLARELI LULEBURGAZ  
PUBLIC HOSPITAL**  
*Kirklareli*



**BARTIN PUBLIC HOSPITAL**  
*Bartın*



**OSMANIYE PUBLIC HOSPITAL**  
*Osmaniye*



**MALATYA BATTALGAZI  
PUBLIC HOSPITAL**  
*Malatya*



**ZONGULDAK TOKI  
PUBLIC HOSPITAL**  
*Zonguldak*



**AKSARAY PUBLIC  
HOSPITAL**  
*Aksaray*



**ORDU CITY HOSPITAL**  
*Ordu*



**ADIYAMAN MATERNITY  
HOSPITAL**  
*Adiyaman*



# HOSPITAL REFERENCES



**MALATYA ONCOLOGY HOSPITAL**  
*Malatya*



**ANKARA GOLBASI PUBLIC HOSPITAL**  
*Sanliurfa*



**BUNYAN PUBLIC HOSPITAL**  
*Kayseri*



**GIRESUN KALE PUBLIC HOSPITAL**  
*Giresun*



**K.MARAS PAZARCIK PUBLIC HOSPITAL**  
*Kahramanmaraş*



**KILIS MERKEZ PUBLIC HOSPITAL**  
*Kilis*



**MERSIN TARSUS PUBLIC HOSPITAL**  
*Mersin*



**HATAY DORTYOL PUBLIC HOSPITAL**  
*Hatay*



**TEKIRDAG CITY HOSPITAL**  
*Tekirdağ*



**AGRI PUBLIC HOSPITAL**  
*Ağrı*



**ERZURUM CITY HOSPITAL**  
*Erzurum*



**NIGDE PUBLIC HOSPITAL**  
*Nigde*



**ACIBADEM**

**ACIBADEM HOSPITAL**  
*Adana*



**ACIBADEM**

**ACIBADEM HOSPITAL**  
*Istanbul*



**ACIBADEM**

**ACIBADEM HOSPITAL**  
*Izmir*



**SAMSUN CITY HOSPITAL**  
*Samsun*



# GOVERNMENT REFERENCES



**SIVAS GOVERNORSHIP**  
Sivas



**USKUDAR MUNICIPALITY**  
Istanbul



**TURKISH FOOTBALL  
FEDERATION**  
Istanbul



**TURKISH PUBLIC RAILWAYS**  
Ankara



**SUPREME ELECTION BOARD**  
Ankara



**Tapu ve Kadastro  
Genel Müdürlüğü**  
SINCAN LAND REGISTRY  
AND CADASTRE BUILDING  
Ankara



**BURSA REGIONAL COURT  
OF JUSTICE**  
Bursa



**HAVELSAN**  
Ankara



**ETIMADEN**  
Ankara



**DULKADIROGLU  
MUNICIPALITY**  
Kahramanmaraş



**DUDULLU BOSTANCI TUNNELS**  
Istanbul



**TURKIYE REPUBLIC  
DIRECTORATE OF  
COMMUNICATIONS**  
Ankara



**AKSARAY MUNICIPALITY**  
Aksaray



**BORSA ISTANBUL DATA  
CENTER**  
Istanbul



**BAKIRKOY MUNICIPALITY**  
Istanbul



**T.C. BAKIRKÖY  
KAYMAKAMLIĞI**  
BAKIRKOY GOVERNMENT  
BUILDING  
Istanbul



# GOVERNMENT REFERENCES



**AFAD**

AFAD BUILDING  
Ankara



**AFAD**

DISASTER and EMERGENCY  
MANAGEMENT CENTER  
Erzincan



**AFAD**

DISASTER and EMERGENCY  
MANAGEMENT CENTER  
Kahramanmaraş



**AFAD**

DISASTER and EMERGENCY  
MANAGEMENT CENTER  
Rize



**AFAD**

DISASTER and EMERGENCY  
MANAGEMENT CENTER  
Kahramanmaraş



**AFAD**

DISASTER and EMERGENCY  
MANAGEMENT CENTER  
Kastamonu



PRESIDENCY  
AHLAT COMPLEX  
Bitlis



BURSA REGIONAL COURT  
OF JUSTICE  
Bursa



ALANYA COURTHOUSE  
Antalya



TÜRKİYE CUMHURİYET  
MERKEZ BANKASI  
Antalya



ERDEMLİ COURTHOUSE  
Mersin



TÜRKİYE CUMHURİYETİ  
GENÇLİK VE SPOR  
BAKANLIĞI  
MINISTRY OF YOUTH AND  
SPORT BUILDING  
Istanbul



ÇANAKKALE  
BELEDİYESİ  
CANAKKALE MUNICIPAL  
BUILDING  
Çanakkale



ADİYAMAN  
BELEDİYESİ  
ADIYAMAN GOVERNMENT  
HOUSE  
Adiyaman



GÜNGÖREN  
BELEDİYESİ  
GÜNGÖREN MUNICIPALITY  
BUILDING  
Istanbul



ERDEMLİ COURTHOUSE  
Mersin



## SHOPPING MALL REFERENCES



NATA VEGA SUBAYEVLERI  
Ankara



YDA CENTER  
Ankar



LC WAIKIKI STORE  
Istanbul



KOCTAS  
Istanbul



IZMIR KARSİYAKA  
SHOPPING MALL  
Izmir



USKUDAR NEV SHOPPING  
MALL  
İstanbul

## SPORT FACILITY REFERENCES



SENEGAL NATIONAL  
STADIUM  
Senegal



KARABUK SPORT CENTER  
Karabuk



ANTALYA CLOSED SPORT  
ARENA  
Antalya



RIVA GOLF CLUB  
Istanbul



CEMAL KAMACI SPORT  
COMPLEX  
Istanbul

# SCHOOL REFERENCES



ALTINBAS UNIVERSITY  
*Istanbul*



NATIONAL DEFENSE  
UNIVERSITY  
*Istanbul*



OSMANGAZI UNIVERSITY  
*Eskisehir*



USKUDAR UNIVERSITY  
FACULTY OF DENTISTRY  
*Istanbul*



OZYEGIN UNIVERSITY  
*Istanbul*



NECMETTIN ERBAKAN  
UNIVERSITY  
*Konya*



MARMARA UNIVERSITY  
EDUCATION LABORATORY  
*Istanbul*



GEBZE UNIVERSITY  
*Istanbul*



ERCIYES UNIVERSITY  
*Kayseri*



NESIBE AYDIN OKULLARI  
*Ankara*



LAND FORCES LANGUAGE  
SCHOOL  
*Ankara*



NUN SCHOOLS  
*Istanbul*



GONDAR UNIVERSITY  
*Ethiopia*



MEDENIYET UNIVERSITY  
LIBRARY & B BLOCK  
*Istanbul*



MEV BORNOVA COLLEGE  
*Izmir*



ORD.PROF.DR. SULHI  
DONMEZER EDUCATION  
CENTER  
*Istanbul*



# FACTORY REFERENCES



YATAS FACTORY  
Ankara



UNF MACHINE  
Ankara



TURK TRACTOR  
Sakarya



SISECAM FACTORY  
Sinop



REPKON FACTORY  
Istanbul



PROCESS ALUMINIUM  
Konya



NUKON TEKNOSAB  
FACTORY  
Bursa



MODERN PACKING  
Sakarya



ROKETSAN  
Ankara



Mercedes-Benz

MERCEDES BENZ TURKEY  
FACTORY  
Aksaray



FORD OTOSAN FACTORY  
Kocaeli



CAYKUR RIZE TEA FACTORY  
Rize



BOSCH FACTORY  
Bursa



PHILIP MORRIS FACTORY  
Kazakhstan



KORDSA FACTORY  
Kocaeli



UNIPRES  
UK



# OFFICE REFERENCES



YDA MARMARA TOWER  
Istanbul



TORUNLAR GYO  
Istanbul



YEDITEPE TECHNOPARK  
Istanbul



TV100 GENERAL CENTER  
Istanbul



TUPRAS BUILDING  
Istanbul



TORUN CENTER OFFICE  
Istanbul



SABANCI BUSINESS  
TOWERS  
Istanbul



HUAWEI GENERAL  
CENTER  
Istanbul



OMSK CARBON OFFICE  
Russia



Mercedes-Benz  
MERCEDES BENZ VADI  
Istanbul



FORD OTOSAN FACTORY  
Kocaeli



MC KINSEY TOWER  
Baku



MARMARA ANATOLIUM  
TOWER  
Istanbul



IS GYO ANKARA TOWER  
Ankara



CBI BANK  
UAE



MELAL TOWER  
Iraq



# OFFICE REFERENCES



**ISTANBUL FINANCIAL CENTER BDDK BUILDING**  
*Istanbul*



**ISTANBUL FINANCIAL CENTER HALK BANK GYO**  
*Istanbul*



**ISTANBUL FINANCIAL CENTER 1-13 RECREATION**  
*Istanbul*



**ISTANBUL FINANCIAL CENTER SPECIAL PROJECT AREA**  
*Istanbul*



**ISTANBUL FINANCIAL CENTER SİGORTA A.S.**  
*Istanbul*



**BORSA İSTANBUL**  
*Istanbul*



**TURKCELL DATA CENTER**  
*Ankara- Corlu-Gebze*



**KALYON HOLDING GENERAL CENTER**  
*Istanbul*



**KHOSHNAW TOWER**  
*Iraq*



**TEKNO PARK A BLOCK**  
*Istanbul*



**NOKIA OFFICE**  
*Istanbul*



**İZMİR GAS BUILDING**  
*Izmir*



**BALANCE GUNESLI**  
*Istanbul*



**LOTUS OFFICE**  
*Bursa*



**BORSA İSTANBUL DATA CENTER**  
*Istanbul*



**ANDAÇ AUTOMOTIVE**  
*Izmir*



# LOGISTICS CENTER & PORT REFERENCES



**MILHA**  
MILAHA LOGISTICS CITY  
Qatar



YALOVA RO-RO PORT  
Yalova



SAFIPORT  
Kocaeli



OYAKPORT YARIMCA  
Kocaeli



PTT INTERNATIONAL CARGO  
PROCESSING CENTER  
Istanbul



EKOL LOGISTIC  
Kocaeli



MIGROS WAREHOUSE  
Ankara



VITRA WAREHOUSE  
Bilecik



BIM WAREHOUSE  
Istanbul



FILE WAREHOUSE  
Istanbul



ABDI IBRAHIM  
Istanbul



KAYSERI YATAS LOGISTIC  
Kayseri



MEDLOG LOGISTIC  
Izmir



AYDINLI LOGISTIC  
Istanbul



FY LOGISTIC  
Istanbul



DOGA LOGISTIC  
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