

Product Catalogue

Thermostats | Switches | Sockets | Actuators | Sensors | Dimmers







Industrial & Commercial Building Solutions



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The Mona Series consists of a user-friendly, elegant frameless glass design and intuitive operation, with capacitive buttons trough 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.



Touch Operated



Glass Surface



Switch, Thermostat and Socket Together



Frameless, minimalist design



Icon Options



Away, comfort, night and protection modes



Independent programmable buttons



Various color option



(RGB) RGB LED option



Up to more than 5 combined monoblock modules

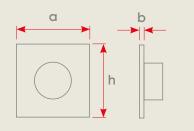


Hundreds of different combinations

Hundreds of RAL surface colors...



| Dimensions (mm) | а | b | h |
|-----------------|-----|----|-----|
| Single | 90 | 12 | 100 |
| Binary | 161 | 12 | 100 |
| Triple | 232 | 12 | 100 |
| Quadruple | 303 | 12 | 100 |
| Quintet | 374 | 12 | 100 |





Up to 6 buttons



Up to 6 buttons



Up to 12 buttons

The Mona series DND MUR display, where you can easily see whether your guests are in the room, consists of a glass touch screen and includes room number, hotel logo, Laundry, DND, MUR indicators and doorbell button.







(D) Welcome Panel

When entering or leaving your room, desired scenarios can be realized with a single touch, and you can experience safety and comfort together thanks to the RF-ID card holder you use at the entrances. You can combine switches and thermostats with your energy saver. Guests will control many things through one single monoblock panel.



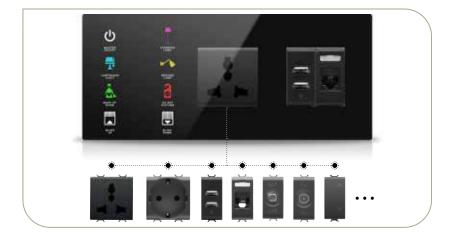


Bedside Panel

Mona Serie offers %100 customizable, unique panels. You can create your own bedside panel through the configurator.

Hundreds of different combinations

(��) Up to more than 5 combined monoblock modules



Socket

The Mona serie offers glass surface, minimalist design, wide collection up to 5 gang, wide range of colors. BS standard, European standard and Modular standard sockets are compatible with Mona series.

Modular European Sockets



British Sockets



Modular Italian Sockets



Modular British Sockets



European Sockets







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



Glass Surface



Switch, Thermostat and Socket Together



Frameless, minimalist design



Icon Options



Away, comfort, night and protection modes



Additional heating-cooling control



Various color option



Fully automatic heating-cooling transition



Optional in-built temperature sensor for switches



Feedback and Navigation LEDs



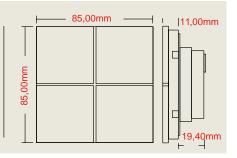
Independent, programmable buttons





Rosa Metal Series Switch Color Options







Thermostat Up to 2 fold

Thermostat and switching control from one point with Rosa Thermostat



Switch Up to 3 fold

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



Socket Up to 5 gang

Various color options in UK, EU and universal standards.



The Rosa Crystal switch and thermostat series, which has the same features as the mt



Hundreds of RAL surface colors...







Rosa's intuitive design allows you to easily control your habitats. Elegant feather-touch switches with backlight logos! Rosa Solid touch switches which has the same features as the other Rosa series ones adorn hotel rooms, homes and commercial buildings.



Hundreds of RAL surface colors...







Rosa Pictus metal / switch and thermostats is a different feeling version of quality. Sleek and painted surface perfectly fits to different type of interior designs. Thanks to wide range of colors and unique features, Rosa Pictus products have become one of our most popular product groups in a short time.



Painted, unbrushed metal surface...





h

85

Socket

The Mona serie offers glass surface, minimalist design, wide collection up to 5 gang, wide range of colors. BS standard, European standard and Modular standard sockets are compatible with Mona series.









4M Universal Socket + SAT/TV - Gold



2 Gang Socket+USB - Gold

2M USB + Data - Bronze





European Socket Dimensions a

156





1 Gang Socket-Natural



2 Gang Socket - Anthracite



British Socket 1 Gang Socket-Light Grey

Single Double

Triple Quadruple Quintet

| Dimensions | а | h |
|------------|-----|----|
| 1 Gang | 92 | 85 |
| 2 Gang | 152 | 85 |





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.



Lifetime guarantee for surface quality



Switch and Thermostat Socket Together



Various color option



Icon Options



Away, comfort, night and protection modes



Additional heating-cooling control



Fully automatic heating-cooling transition



Feedback LEDs



Independent, programmable buttons



Light On / Off

Light Enhance / Dim

Volume Increase / Decrease

Scene

Shutter-Blind

Shutter-Blind Wing

Away - Stay



Important note!

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



Thermostat

Up to 4 fold

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.



Switch

Up to 6 fold

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

nanagement of on-site lighting, heating-cooling, shutter-blind, speakers, scene call and panic buttons controls.



Socket Up to 5 gang

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

Dechnical Specifications

| 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



Socket





Quintet Frame - Mustang Gray

Quadruple Frame - Pearl White



Tripple Frame - Anthracite







2M Frame - Pearl White



4M Frame - Anthracite



6M Frame - Antique









With Miola Panel, you can easily control your home!

You will be able to receive all the notifications you specify and want to receive from the mobile application, and you will be able to easily learn all the details you follow with the push-notification feature.

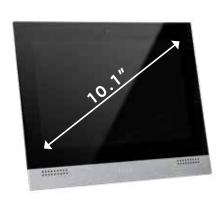
Thanks to the Cloud server, you will not need an extra server!

android 8.0





Scenarios, Schedules





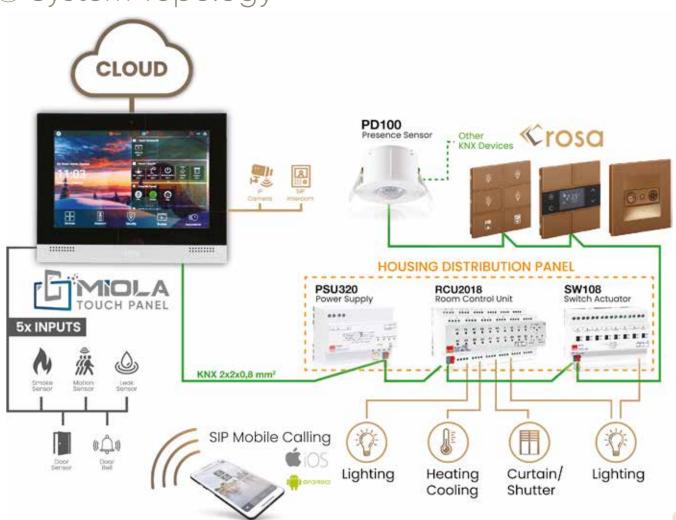




▶ Technical Specifications

| 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 Connectivy | 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 |

System Topology



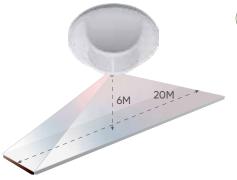
Sensors & Panel Devices



PD100/MD100 Movement/Presence Sensor

Surface mounting and flush mounting option 2-point fixed-light control Independent HVAC duct Master / Slave Fully / Semi-automatic operation modes Motion detection at 2.5 m mounting height, 9 m diameter

Constant Light Control



CD100 Corridor Sensor

Different levels of brightness can be arranged for the states of; "Movement", "After Movement", and "No Movement". It can operate in parallel connection with other sensors either on standalone or master-slave basis depending on application requirements



CD100 20x6m CD High Bay 22x12m Coverage Area



HD100 High Bay Sensor

Constant light control Fully / Semi automatic lighting control Independent HVAC duct Lighting can be set to different brightness levels

25m x 14m Coverage Area



PSU320 / PSU640 Power Supply

EAE KNX Power Supply is available in 320 mA and 640 mA versions

Input voltage range 150-275V AC, 50 60Hz Output 1: KNX bus power with an integrated choke. (30VDC, SELV)

Output 2: Additional voltage output. (30VDC, SELV) Short-circuit and overload protected outputs LED indicators for Power, Overload and Reset status Additional 30V DC Output



\bigcirc IPR100/IPI100 IP Router/IP Interface

4-6 independent channels Manual operation feature

Up to 1800W with 6 parallel channels. Up to 1200W with 4 parallel channels. Configurable behaviour after voltage return, voltage failure or ETS download. 4 Simultaneous KNXnet / IP Connections





LC100 Line Coupler

Built-in filter tables for group-oriented communication

Support of long messages up to 240 bytes APDU length

Galvanic isolation between KNX lines

Flexibility to be used as line coupler, area coupler or as a backbone coupler

Does not require an additional power supply

Temporary disabling of routing filter via button



RCU Room Control Unit

(RCU2018, RCU2000, RCU1616, RCU1600, RCU0808, RCU0800)

Special design for different room layouts On/Off, HVAC, Shutter/Blind control. 20x16A relay output Switching resistive and inductive loads 18 independent input channels 7 functions for etach channel (staircase, external/internal logic, priority, treshold, sweeping funstions and transection time)

20x16A Outputs + 18 Inputs



SW104 / SW108 Switch Actuator

4/8 independent channels
Manual control via device on each channel
7 functions (staircase, external/internal logic,
priority, treshold, sweeping funstions and
transection time) can be defined for each channel
separately

Does not require external power supply

500A Inrush Current Switching



FCA100 Fancoil Actuator

Special design for many fancoil and valve types It has proportional outputs (valve / fan speed)
16A auxiliary output for additional heating / cooling

One actuator for all types of fan coil units and valves



DA100 DALI Gateway

64 Lighting Stage 16 Group Control DA100 can use up to 8 DALI sensors Error status of DALI devices, device-based and group-based, with different KNX communication objects Intersecting DALI groups



Emergency Lighting Monitoring

Sensors & Panel Devices



Built in 320mA / 640mA power supply Device can be used to control and monitor KNX installations via SCADA visualization software. IP address of device can be given by DHCP server or by manual configuration.

Device includes logic controller that enables room energy saver system without using card holder. Saving the configurations of guests and calling configurated scenarios.

Device has 3 dry contact inputs for; Doors, Windows and Presence

Occupancy based energy saver without card holder





UD104 / UD106 Universal Dimmer

4-6 independent channels Manual operation

Up to 1800W with 6 parallel channels. Up to 1200W with 4 parallel channels. Configurable behaviour after voltage return, voltage failure or ETS download.

4 Parallel Channels 6 Parallel Channels





SD110 1-10V/0-10V Dimming Actuator

10 independent channels. FollowinWWWWConfigurable behaviour after voltage return, voltage failure or ETS download

10 x 16A 1-10V 0-10V





MIO1616 Multi Input/Output

LEDs and buttons on the KNX panel can be used with a sinale device

Design does not require external supply source

16 Inputs 16 Outputs





UI108 Universal Interface

8 functional input channels Easy connection with color connection cables 6 different functions (switching, dimming, custain control, value/priority info, scene control, pulse

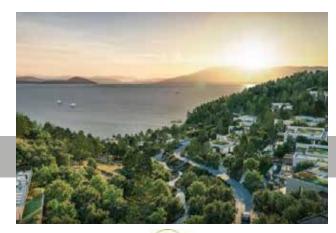


Operating Modes



VEGA

FOLKART VEGA Izmir



MESA DEMIRBUKU
Bodrum





FOLKART BOYALIK Izmir



anef

BODRUM NEF GOLKOY
Bodrum



ALTOWER

ALTOWER Istanbul





MESA CUBUKLU 28 Istanbul



Vadikoru VADIKORU RESIDENCE Istanbul





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BONNEVILLE

BONNEVILLE MIHRAPLIBursa





BRODSKY APARTMENT *Russia*





GAYDA ATASEHIR *Izmir*





BALANCE GUNESLI Istanbul



DIA.BELLA

DIA BELLA Istanbul





MOTTO TERRACE GARDEN Konya





MANDARIN VILLAS Canakkale













ST REGIS RESIDENCE Oman





CLOUD NINE Russia



mesa orman MESA ORMAN II

Istanbul



mesa ÇENGELKÖY MESA CENGELKOY

Istanbul



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SPC BUILD Sapanca



PANORAMA PARK PANORAMA

Izmir



co\$∕\L∧Ç∧TI

COS ALACATI Izmir



ALİ KEMAL GÜRDAL

ALI KEMAL GURDAL Antalya



pukka PUKKA BODRUM

Mugla



PUKKA MARE/NETA



Mugla



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FERA MOGAN





MERYAKA RESIDENCE Konya





FLORYA MAX ROYAL Adana







Marriott. AUTOGRAPH COLLECTION **AUTOGRAPH COLLECTION** MARRIOTT

Istanbul



Marriott

MARRIOTT SIRKECI HOTEL İstanbul



M PHASELIS/BAY

NG PHASELIS BAY HOTEL Antalya



MILLENNIUM MILLENIUM WEST HOTEL Istanbul



THE OBA HOTEL Bodrum





RADISSON HOTEL Izmir





RADISSON BLUE HOTEL India





MABIN HURA MALDIVES Maldives



GURDAL HOTEL Istanbul





GRAND HOTEL Niger



TFF Türkiye Futbol Federasyonu Turkish Foodball Enderation

TFF RIVA HOTEL Istanbul



NAU HOTEL Portugal





GRAND GALATA HOTEL Istanbul











Greece





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RIXOS PREMIUM DUBAI UAE





HILTON SIRKECI HOTEL Istanbul



VASQ HOTEL Mauritania



CIELO HOTEL Qatar



BENIN SOFITEL HOTEL Benin



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MÖVENPICK HOTEL UAE







Retana

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CONDOR HOTEL Romania







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Casablanca



BRICK POINT HOTEL Nigeria





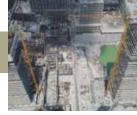
INEMARE Kirklareli





ISTANBUL FINANCIAL CENTER BDDK BUILDING Istanbul













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



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7th MAIN JET BASE COMMAND Malatya



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ERYAMAN STADIUM

Ankara



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CEMAL KAMACI SPORT COMPLEX



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Kalyon

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ALSANCAK STADIUM Izmir

DUDULLU BOSTANCI SUBWAY LINE Istanbul

AYDINLI GROUP Istanbul

Kocaeli



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