





# Product Catalogue

Thermostats | Switches | Sockets | Actuators | Sensors | Dimmers



Hotel GRMS
Solutions



Smart Home
Solutions



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



Various color option



(RGB) RGB LED option



Up to more than 5 combined monoblock modules

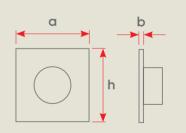


Hundreds of different combinations

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





## Card Holder Up to 6 buttons





## Switch Up to 12 buttons

#### DND MUR

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.



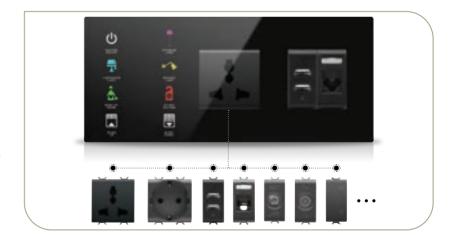


#### **D** Bedside Panel

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.





#### British Sockets



#### Modular Italian Sockets

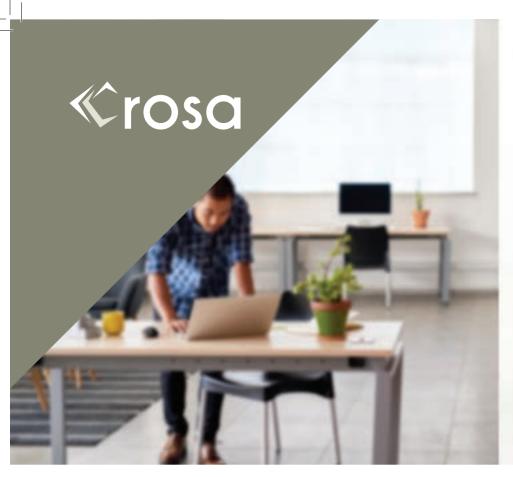


#### Modular British Sockets



#### 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 arghitects' 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

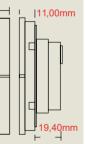




Rosa Metal Series Switch Color Options









#### 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/



#### 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 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 trand.







#### 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.

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





#### **European Socket**

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



2M USB + Data - Bronze 3M Shaver Socket- Natural

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



#### **Modular Socket**

Dimensions	а	h
1M	85	85
2M	85	85
3M	124	85
4M	144	85
6M	190	85





1 Gang Socket-Natural 2 Gang Socket - Anthracite



2 Gang Socket+USB - Gold



**British Socket** 

Dimensions	а	h	<b></b>	
Gang Gang	92 152	85 85	h	
				- (



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

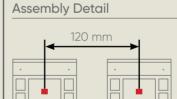
Volume Increase / Decrease

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

Oria thermostats can perform all needed operation: 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 management of on-site lighting, heating-cooling.

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



#### Socket

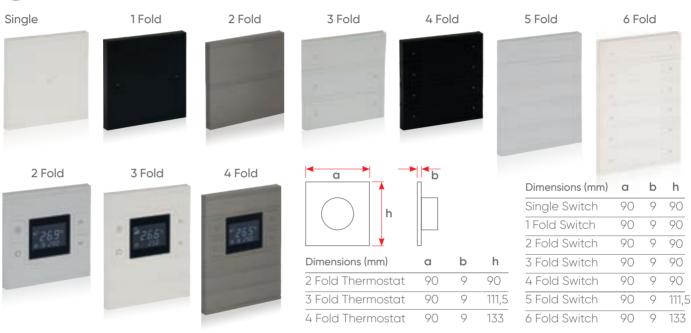
Up to 5 gang

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

## ▶ Technical 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





Quadruple Frame - Pearl White



Quintet Frame - Mustang Gray







Tripple Frame - Anthracite

1M Frame - Pearl White



2M Frame - Pearl White



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!













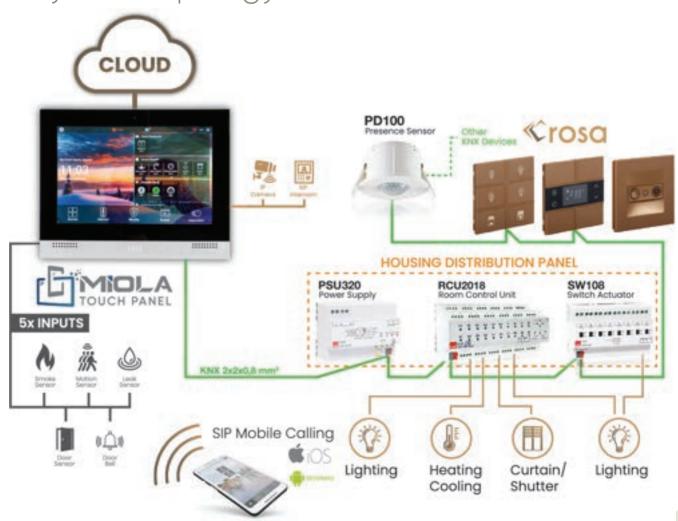
Lighting-Shutter/Blind

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



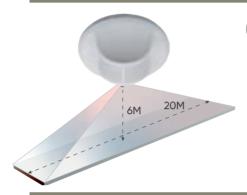
# Sensors & Panel Devices



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

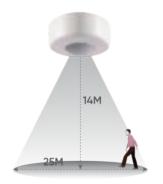
Constant Light Control



#### 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



## 

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

Input voltage range 150-2/5V 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



#### PR200/IPI200 IP Router/IP Interface

IP ROUTEREAE KNX IP Router can be used as a line or backbone coupler and provides a data connection between the upper KNXnet/IP and the lower TP KNX bus line. However, it also provides an electrical isolation between connected lines.

IP INTERFACE EAE KNX IP Interface is a tunneling device. It creates a connection point for ETS to enable commissioning and monitoring via tunneling protocol. IP address of device can be given by DHCP server or by manual configuration.



4 Simultaneous KNXnet / IP Connections



## LC200 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



## $\bigcirc$ 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



## 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

**Current Switching** 



## 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





6 independent channels Manual operation feature

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

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



## 

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

Design does not require external supply source

16 Inputs 16 Outputs



## Ullo8 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 counter)







#### Mitsubishi AC Gateway

Mitsubishi Climate Controller allows your Mitsubishi AC indoor units to integrate with other KNX devices. Thanks to its energy saver function, it allows you to reduce energy consumption. Device has following functions below;

Operating Hours & Alarm

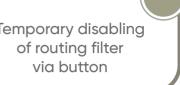
Remote Lock Funcitonality

Bus Return AC behaviors

Scene Function

Energy Saver functions (Window/Door Sensor and Auto-OFF Timer)

Temporary disabling of routing filter





FOLKART **VEG** 

FOLKART VEGA









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NG PHASELIS BAY HOTEL Antalya



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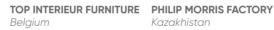
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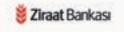


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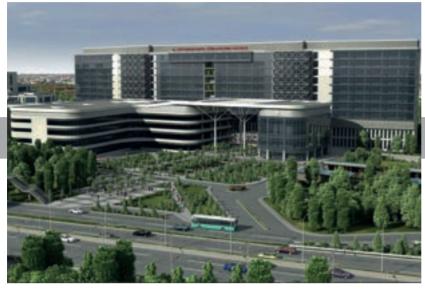


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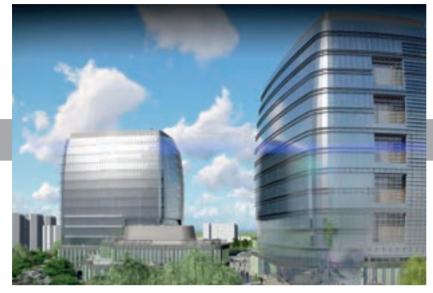
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EAE Technology, is provided with the right to perform changes deemed necessary without notifying in advance. KNX Smart Home, Residential & Hotel Solutions English – Issue Date : 07.07.2021