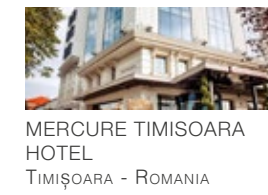




For more than 25 years Eelectron is, in the national scene, a role model of technological leadership in the application of the KNX international protocol for building & home automation.

Eelectron, with its branch offices in **Middle East, China and Spain**, distributes its systems in over 80 countries worldwide.

- Cooperation & early engagement
- Project and solution pre-sales assistance
- Multilanguage Technical Support
- Post sales extensions and upgrades
- Virtual and on site trainings, documentation, ...



MERCURE TIMISOARA HOTEL
TIMISOARA - ROMANIA



TELAL RESORT HOTEL
AL AIN - UAE



SANTUARIO DELLA BEATA
VERGINE DI POMPEI
POMPEI - ITALY



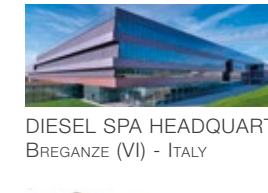
BOCCONI UNIVERSITY
MILAN - ITALY



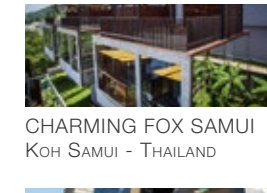
HOTEL SOFITEL
SINGAPORE CITY CENTER -
SINGAPORE



IRIS BLUE TOWER
DUBAI - UNITED ARAB EMIRATES



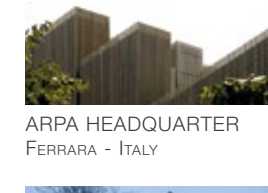
DIESEL SPA HEADQUARTER
BREGANZE (VI) - ITALY



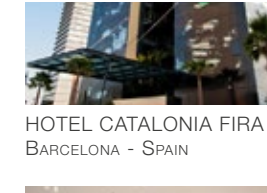
CHARMING FOX SAMUI
KOH SAMUI - THAILAND



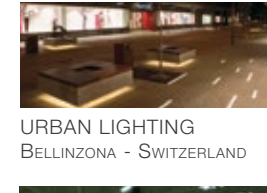
TEMPLER VILLA
KUALA LAMPUR - MALAYSIA



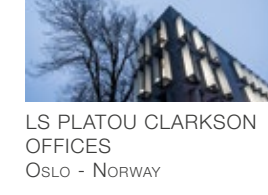
ARPA HEADQUARTER
FERRARA - ITALY



HOTEL CATALONIA FIRA
BARCELONA - SPAIN



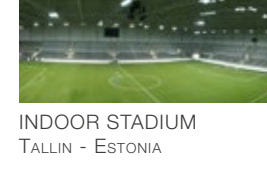
URBAN LIGHTING
BELLINZONA - SWITZERLAND



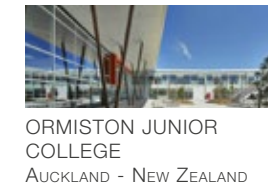
LS PLATOU CLARKSON
OFFICES
OSLO - NORWAY



VAN DER VALK HOTEL
HEERLEN
HEERLEN - NETHERLANDS



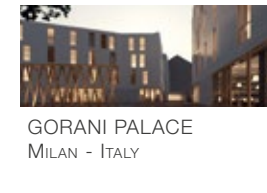
INDOOR STADIUM
TALLIN - ESTONIA



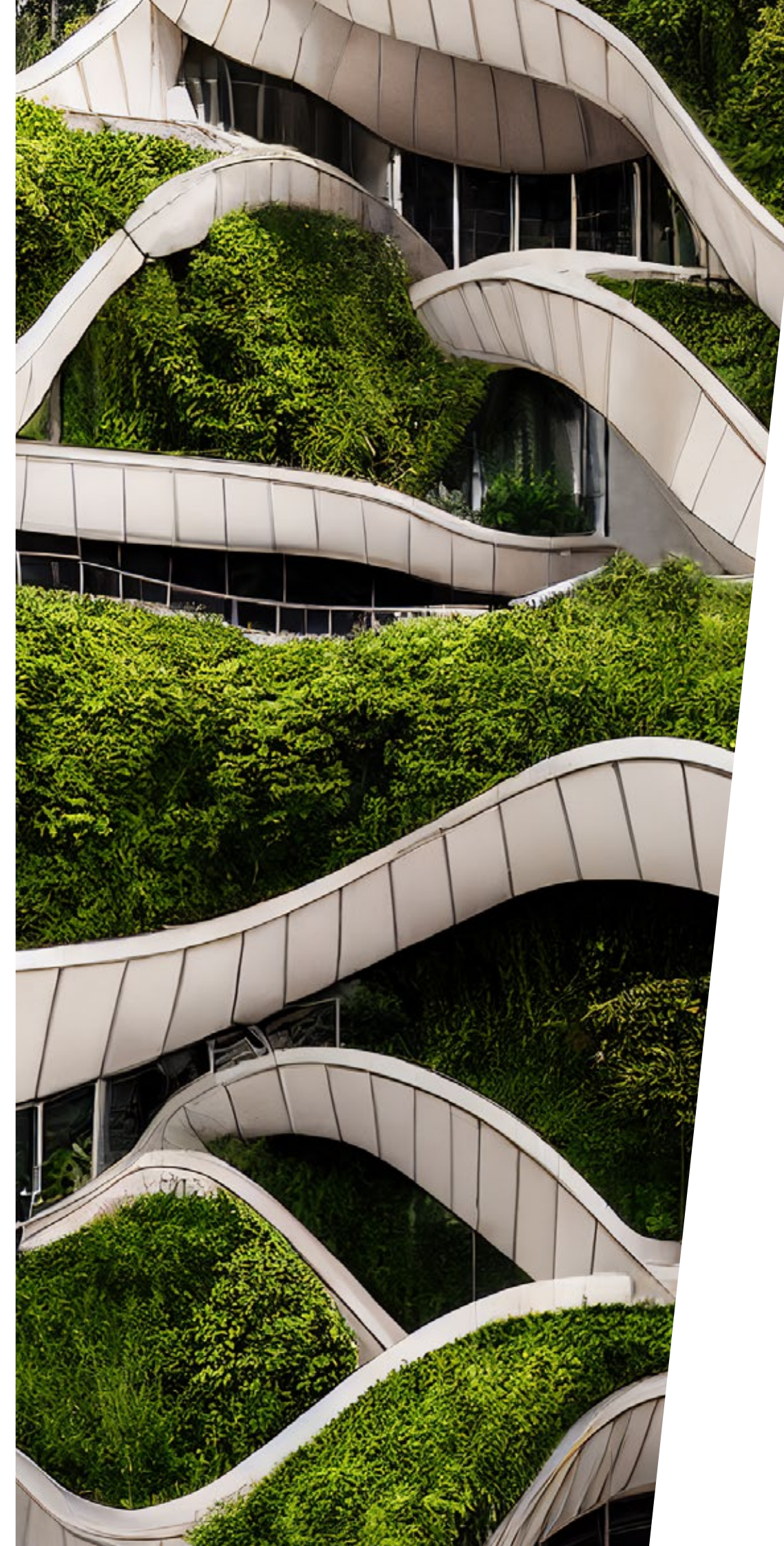
ORMISTON JUNIOR
COLLEGE
AUCKLAND - NEW ZEALAND



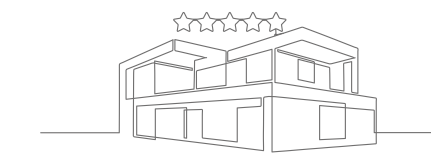
SOFIA HOTEL BALKAN
SOFIA - BULGARIA



GORANI PALACE
MILAN - ITALY



building & home evolution



Building & Home evolution

Eelectron is an **Italian company** that manufactures electronic devices, hardware and software on **KNX, DALI and Bluetooth standard**.

Its product range addresses **building automation, hotel automation and home evolution sectors** with a deep focus on complex environments management and experience in integrated solutions.

Eelectron's philosophy of comprehensive **aesthetic design** and engagement in developing highly innovative devices combines with KNX interoperability and compliance with the most stringent international quality standards.

Eelectron's experience is at the user's service for demanding clients that require training activities, assistance on products and continuous development that focuses on emerging needs and applications, **energy saving** and achievement of simple and **efficient solutions** for the **benefit of occupants and managers**.

Today Eelectron is leading the market by following his roots and including new technologies.

Shareholder of **KNX Association** since 2005, Eelectron is an example of technological leadership in the application of the common European standard protocol.

empowering user experience

- BRIGHTNESS CONTROL
- CONSTANT DIMMING
- HUMAN CENTRIC LIGHTING
- PRESENCE DETECTION
- HVAC CONTROL
- BLINDS AND SHADES CONTROL
- ENERGY CONSUMPTION MONITORING
- AIR QUALITY
- CONFIGURABLE SMART LOGICS
- SUPERVISION
- INTEGRATION
- REMOTE CONTROL



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Web: www.eelectron.com

4.1.02.23 EN

continuous modernization



ITALIAN DESIGN



Eelectron SpA is a KNX certified training center: accredited by the KNX Association for the organization of basic, advanced and HVAC courses.



commercial building

Eelectron KNX building automation integrates functions from micro to medium-large buildings: commercial, offices, museums, public buildings. The system offers **automatic management** and guarantees **continuous integrated control**, lowering **energy costs** and **improving efficiency**. In addition to that increases **comfort** and **safety of the occupants** and improve **quality of life**.



OTOMO

More comfort, higher energy efficiency, scalability, sustainability for a better quality of life.

healthcare

Connected room automation to make daily life easier for patients and personnel.

Health sector requires **comfort at any day and any time in each area for the patients** and optimum operational conditions for care-staff and personnel.

The aim is to increase the safety and organize the hospital and clinics processes cost-efficiently, thanks to our **building automation technology**.



Unique experience for guests & staff. Highest standards ever, as a must.

hospitality



- exceptional guest experience through **Usability, Comfort & Design**
- delivery of quality service through **profitable Operational Efficiency and Integration**
- competitive, reliable and **scalable solutions** for operators while preserving investment over building lifecycle

residential

Automate the functions of a residential building to improve **comfort, safety** and **ease of use**; future-oriented also to maintain value over the time, contributing to **environmental sustainability** and better enjoyment of your home.



Benefits of a smart home: comfort and energy savings.



Actuators [Inputs - Outputs]

Inwall module 4 inputs / 2 outputs KNX

F_Series DIN Rail Universal Modules Plus [with & without SD card]

4 - 8 - 12 - 16 **inputs / outputs**
4 - 8 - 12 - 16 - 24 **outputs**

DIN module 4 - 8 - 16 **digital inputs**

K_Series DIN Rail Universal Modules 4 - 8 - 12 outputs

Module 8 OUT 20A - 230 V AC with current sensors
Module 8 OUT 20A - 230 V AC

Mechanical manual override

Dimmers

1 Channel x 700 W (master & slave)
2 or 4 Channels x 300 W
4 Channels LED / RGB W
4 Channels 1-10 V

Push Button Interfaces

Push Button Interfaces 2 - 4 - 6 inputs / 4 - 2 outputs Led

Gateway KNX

DALI Gateway
DALI Gateway Tunable White
DALI Gateway TW 2CH
Gateway DMX

Presence Detectors and multisensors

DALI-2 Presence Detector **Standard** with lighting control

Multi Sensor DALI-2 Lighting - Temperature - Humidity

DALI-2 Push Button Interface 4 INPUT
DALI-2 Push Button Interface 4 INPUT / 4 LED

Plugin Sensor - CO₂ + temperature
Plugin Sensor - VOC + eCO₂ + temperature

KNX Presence detector **Standard BLE**
KNX Presence detector **Space BLE**
Plug-in **Wireless Door Lock** System Interface

MULTI-SENSOR RANGE PRESENCE DETECTORS

Basic Standard with lighting control

Multi.Sensor with lighting control, temperature, humidity, sound sensor

High Bay with lighting control

Space.Sensor with lighting control, temperature, humidity, sound sensor, occupancy and activity function

BLE.Sensor with lighting control, temperature, humidity, sound sensor, occupancy, activity function and BLE beacon

Wide Range with lighting control
Corridor with lighting control

Climate Control

Electrothermal valves module 4-8 channels

Universal Fancoil Controller 3 x 0-10 V 5 IN - 3 OUT
Universal Fancoil Controller 4 x 0-10 V 5 IN - 3 OUT

Valves / Loads Actuator 8 inputs / 4+4 outputs

Analog / Digital Module 8 IN / 4 Led OUT - 4 Thermostats

Motorised valve drive

System Components & Interfaces

Surveillance Module KNX
Power Supply 640 mA

Power Supply KNX 1280 mA
KNX Bridge - IP Interface and Power Supply + AUX 640mA

KNX IP Interface secure
IP Router-KNX Secure Interface
Line coupler KNX
USB Module
Time/astronomical Master

Energy Meters

Energy meter single or three phase
MID Certification

OTOMO System Components

DALI Module, 2 ch. x 8 ECG Broadcast

4 IN + 0 OUT
4 IN + 1 OUT
4 IN + 2 OUT

Brightness & temperature sensor
Presence & light sensor 2 channels
Gateway OTOMO-KNX
Gateway OTOMO-IP-MODBUS
OTOMO App
Beacons

GRMS Suite
e-Suite Platform Services

Guest Access Control

Door panel
Transponder Reader
Transponder Holder
Transponder Card Encoder
Numeric Keypad
Outdoor Transponder Reader
Outdoor Numeric Keypad
Accessory for outdoor mounting
Plug-in **Wireless Door Lock** System Interface

Weather Station

Weather station
Software for hotel management, for the supervision of KNX environments and for access and alarm control

controls and design buttons

9025 | capacitive switches up to 10 ch.
3025 | 55 X 55 mm switches - 4 ch.
eelecta | MiniPad - 4 or 8 ch. version

Supervision

Horizone & Horizone mini supervision webserver for Building & Home Automation
Dashboarding Platform
Virtual Badge
Android Touch Panels 5", 8"

KNX Touch Panels

Capacitive Touch Panels 4.3", 7", 10.1" Black / White Glass / Plastic

OTOMO System Components

Surveillance Module KNX
Power Supply 640 mA

Power Supply KNX 1280 mA
KNX Bridge - IP Interface and Power Supply + AUX 640mA

KNX IP Interface secure
IP Router-KNX Secure Interface
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Energy meter single or three phase
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