



General
Catalogue
Home Automation

Origen - Wings - Zclim



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→ SAFETY IS A TEAM EFFORT. WE'VE BEEN ON YOUR TEAM SINCE 1956.

Designers and installers know that trust has to be earned and maintained, every day. At Comelit Group, we build that trust through our products and the support we provide.

Our story began in Italy in 1956, with Comelit and a clear ambition: to make security accessible to everyone. Since then, one question has guided us: **how can we help people feel safe and protect the places that matter to them?**



COMELITGROUP

1956 **COMELIT**

1976 **RITTO**
by COMELIT

1978 **DRG**
by COMELIT

1991 **TELETEK**

2003 **BLUEPRINT**
The sound of safety

Our range now extends beyond door entry to access control, CCTV, intruder alarms, fire safety systems, public address, and home and building automation. These systems share a common principle: they are designed to work together. With Comelit Group, you have a single point of contact to help you bring them together.

- Alongside **Comelit**, our founding brand, four specialist brands bring their own experience and expertise:
- **Ritto by Comelit**: German expertise in intercom systems.
 - **PAC by Comelit**: British expertise in access control.
 - **Teletek**: A Bulgarian specialist in fire detection and intruder alarms.
 - **Blueprint**: An Italian specialist in public address systems.

Five brands. One shared commitment to security.
Based in Rovetta, Italy, we operate across five continents, with one head office, nine branches, six research and development centres across eight sites, and more than 1,050 employees. Our products serve customers in over 90 countries.
Behind those figures are people who depend on the systems you specify and install. We help you deliver work they can trust, with reliable products and support when you need it.
Feel Secure. Confidence in your systems. Support you can count on. Every day.



“
↓
Your safety is our priority. It guides every product we develop and every system we deliver.

25 YEARS OF HOME AUTOMATION INNOVATION

Ingenium is the Group's research, development and manufacturing centre for home and building automation. Based in Oviedo, northern Spain, it brings engineering expertise and production together under one roof.

With **over 25 years of experience**, Ingenium's team of 30 engineers, designers and specialist technicians manages the full product lifecycle, from initial research and design to final production. Keeping these stages in-house gives us **direct control** over **product quality, reliability** and **consistency**.

Continued investment in research and development helps us respond to changing needs, creating systems that are easy to use and flexible enough for homes, commercial premises and public buildings.

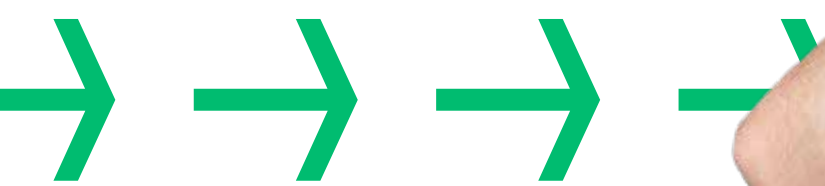
Ingenium has also expanded our offering **to include KNX**, an international standard for building automation. KNX allows compatible devices from different manufacturers to work together, bringing lighting, heating, ventilation and other building functions into a coordinated system.

This combination of experience, technical expertise and manufacturing capability helps designers and installers deliver automation systems that make buildings easier to manage, more comfortable and more energy efficient.

Ingenium



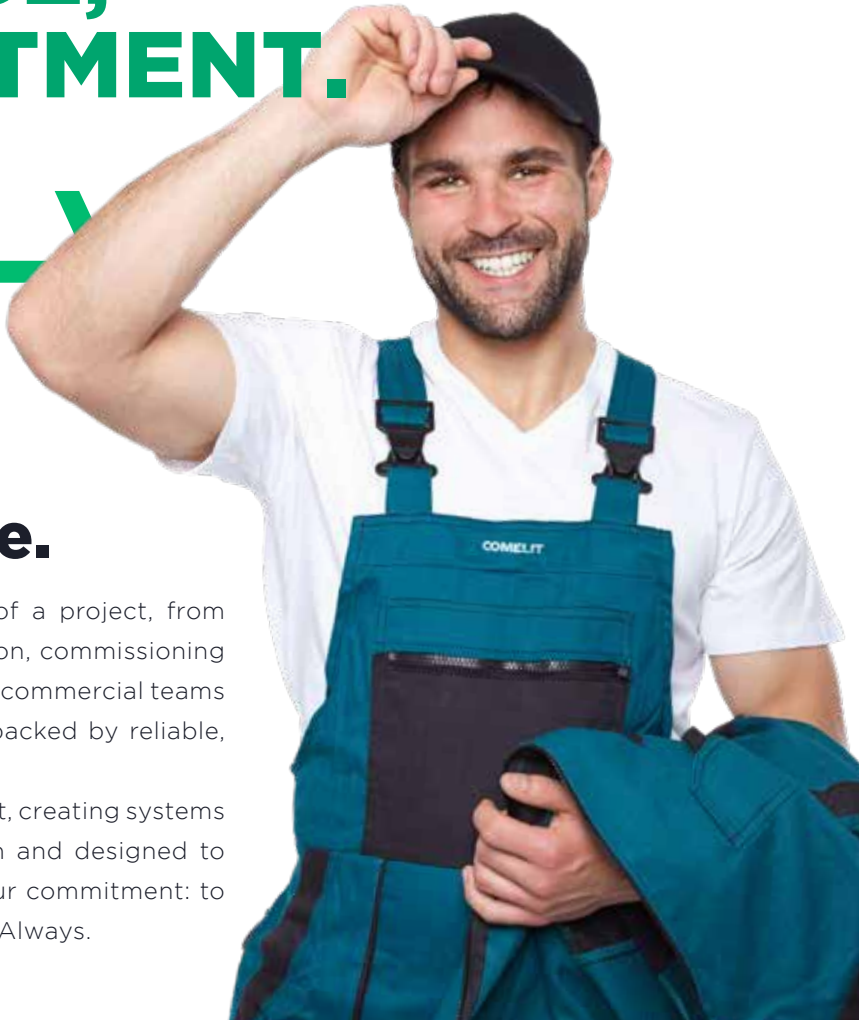
WITH YOU. ALWAYS.
OUR PROMISE,
OUR COMMITMENT.



Real support,
always by your side.

Comelit supports you throughout every stage of a project, from system design and product selection to installation, commissioning and ongoing technical support. Our technical and commercial teams provide practical advice by phone and on site, backed by reliable, high-quality products.

We continue to invest in research and development, creating systems that are easy to install, dependable in operation and designed to meet changing customer requirements. This is our commitment: to be with you throughout every project. With You. Always.



ON-SITE SURVEYS

On-site technical and commercial assessments to identify the right solution for your project.



WARRANTY

Two-year warranty included. Contact your Comelit consultant to discuss extensions.



COMMISSIONING

Commissioning for all systems



TRAINING ACADEMY

Professional in person and virtual training, with additional courses available on request.



DESIGN SUPPORT

Expert support with system and project design



TECHNICAL SUPPORT

Monday to Friday, 8.30 am–5.00 pm

A commitment that translates into real support, expertise, and a constant presence, helping professionals work with confidence at every stage.

INTERNATIONAL
RECOGNITION FOR
SUSTAINABILITY AND
RESPONSIBILITY

EcoVadis Silver Medal

Comelit has been awarded an EcoVadis Silver Medal, placing the company among the top 15% of organisations assessed at the time of its May 2025 rating. The assessment covers four key areas: the environment, labour and human rights, ethics and sustainable procurement. This recognition reflects the progress Comelit has made while reinforcing its commitment to continuous improvement across its operations and supply chain.



Recognition of Comelit’s continued progress towards a more sustainable, responsible and inclusive future.

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MY COMELIT APP

Designed around your needs.

Simple, fast and personalised.

MyComelit brings Comelit tools and services together in one place, making everyday tasks easier for installers, designers, system integrators, security and property managers, distributors and architects.



myCOMELIT

YOUR COMELIT TOOLS AND SERVICES IN ONE PLACE.



EXPLORE
MYCOMELIT



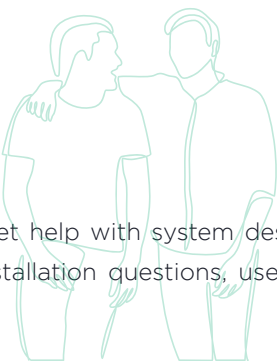
CATALOGUES AND DOWNLOADS.

Access product catalogues, brochures, manuals, datasheets, images and other technical and sales resources. Create a personalised page to keep the documents you use most in one place, ready to access even when you're offline.



SUPPORT.

Find sales contacts, request telephone support and get help with system design, wherever you're working. For answers to common installation questions, use the installation wizard.



SYSTEM MANAGEMENT.

Manage compatible Comelit door entry, alarm and fire protection systems remotely. Configure and monitor connected products, access reports and receive alerts through push notifications in the MyComelit app.



CONFIGURATION.

MyComelit gives you access to practical configuration tools, from updating names via Bluetooth on Ultra panels with a touchscreen or digital name directory to designing two-wire systems for up to 100 users with the Simplebus configurator. The app also includes a DIP-switch configurator: simply enter the device number to see the correct switch settings.



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BUSING & KNX PROTOCOLS

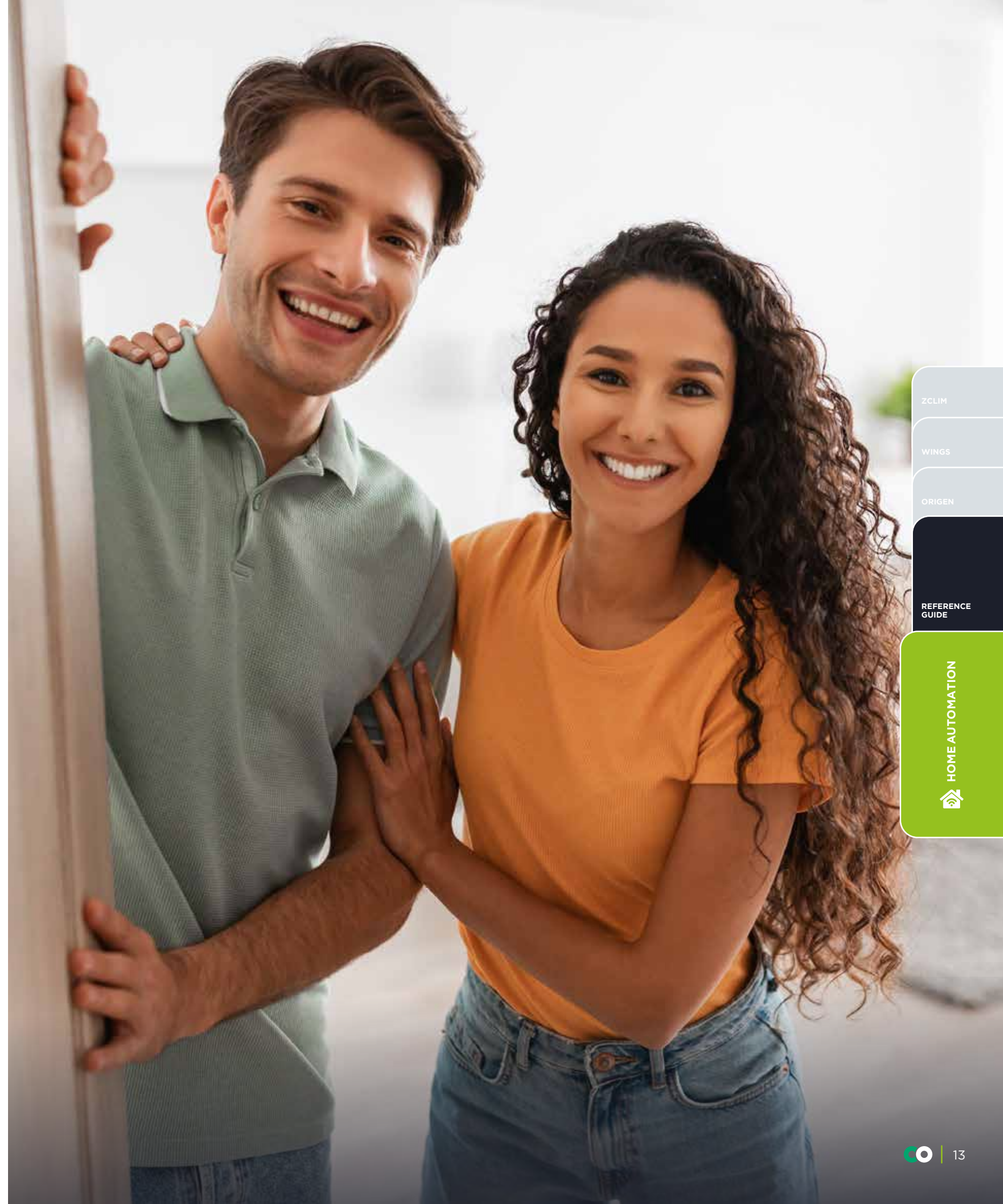
Flexible automation to suit your project.

Comelit offers home and building automation solutions based on BUSing and KNX, giving you a choice of technologies to meet each project's requirements.

BUSing combines straightforward installation with intuitive configuration, bringing lighting, air conditioning, security and other systems together for simple, coordinated control.

KNX is an international standard that allows compatible devices from different manufacturers to work together. This gives you greater choice when specifying a system and flexibility to expand it as requirements change.

With both technologies available, you can choose the approach that best suits your installation, integration needs and future plans.



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CUSTOMISABLE PUSH-BUTTONS AND THERMOSTATS

CUBIK push-buttons and thermostats from the BES range combine touch control with a design that can be tailored to your interior. Featuring a capacitive glass touch surface, LED indicators and a slim profile of approximately 6 mm, they provide a clean, contemporary finish.

Choose from standard black or white designs, or personalise your controls with images, icons and logos using the dedicated online design tool. This allows you to coordinate each device with the room's décor or incorporate your branding.

The range also offers temperature and humidity sensing, with thermostat functions and air quality monitoring available on selected models.

Personalise your cubik controls
with our online design tool.



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INTEGRATION WITH COMELIT VIP DOOR ENTRY

VIIP touchscreens

VIIP touchscreens bring home automation and Comelit door entry together, with door entry calls forwarded to your smartphone.

Available in 7.1-inch and 10.1-inch sizes, the screens offer Wi-Fi and Ethernet connectivity and a built-in web server for remote control through free iOS and Android apps.

Customise the interface with floor plans or room-by-room views to suit your property. Support for Google Home, Amazon Alexa, IFTTT and MQTT also allows integration with other connected systems and services.

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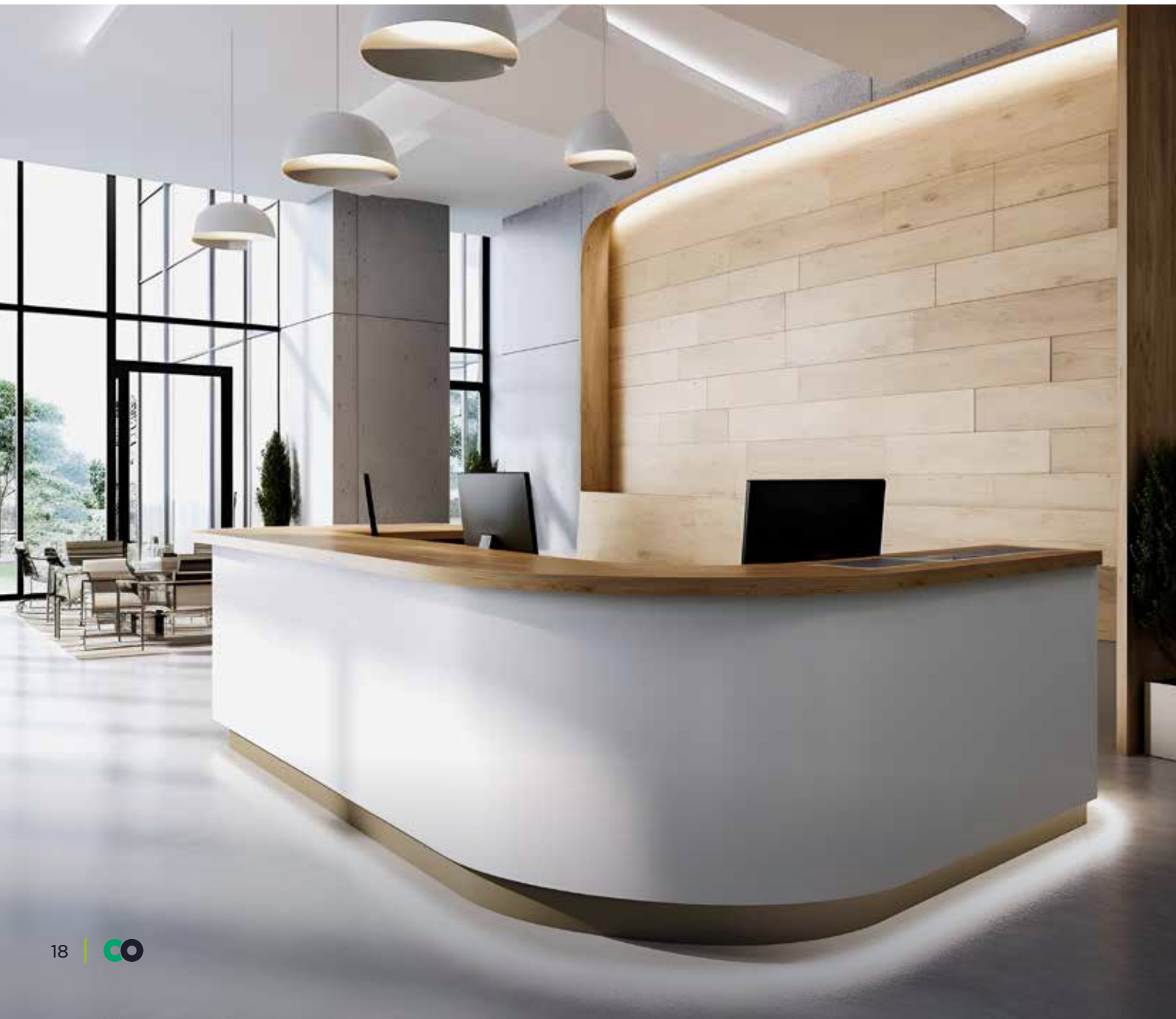
HOME AUTOMATION



ROOM CONTROL AND ENERGY EFFICIENCY

Comelit's building automation solutions help hotels manage room functions and improve energy efficiency. The ROOM CONTROLLER works with CUBIK devices to control lighting and air conditioning and monitor technical alarms.

For guest room entrances, the CUBIK-VH panel includes "Do Not Disturb" and "Housekeeping" functions, with a customisable design that can incorporate room numbers and other messages.



Flexible customisation and integration with compatible systems and protocols.



Control lighting, air conditioning, security and more from one place.

BENEFITS OF COMELIT HOME AUTOMATION

Comelit home automation brings lighting, air conditioning, security and other systems together for centralised control, helping improve comfort and energy efficiency. Each installation can be tailored to suit individual requirements, integrated with compatible systems and protocols, and expanded as needs change.

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CLIMATE CONTROL

Centralised control. Comfort in every zone.

Comelit climate control solutions help maintain comfortable conditions while managing energy use. Integration with Zclim allows temperatures to be controlled independently in each zone, matching the needs of different spaces. Devices such as MasterClima-Z automate the control of underfloor heating and cooling and air conditioning units through BUSing® and ZBUS connections.

CUBIK thermostats provide manual and automatic control of temperature and humidity, with selected models also monitoring indoor air quality. A ZBUS-to-BUSing gateway connects these systems to Origen installations for centralised management.

The range also includes the RejiBUS-Z motorised damper controller and Fancoil-Z actuator for control within individual zones. Compatible mobile apps and touchscreens allow users to adjust settings remotely and tailor conditions throughout the building.

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LIGHTING CONTROL

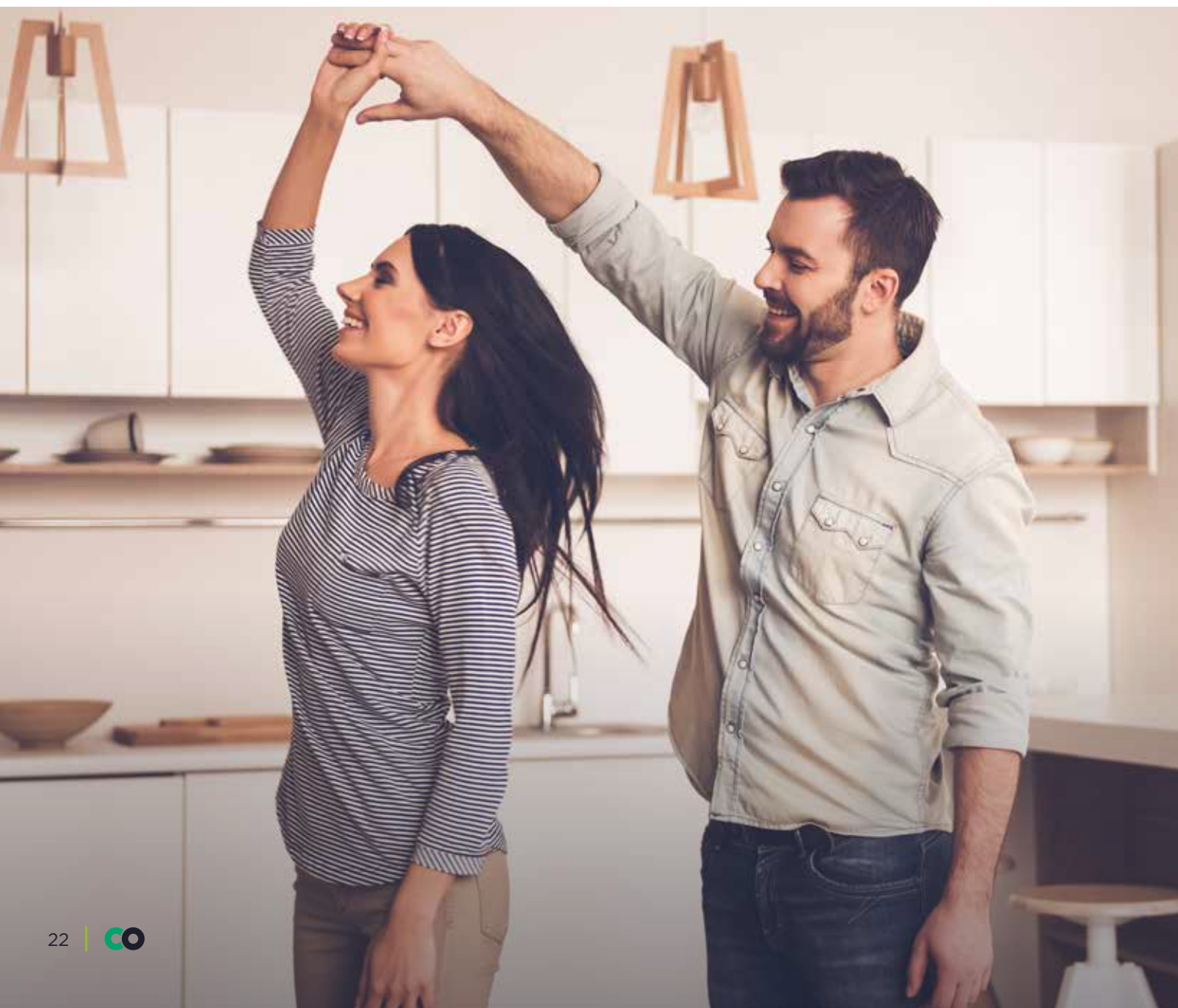
Comelit lighting controllers provide precise control across a wide range of lighting types, from incandescent lamps to LEDs. Universal single- and dual-channel models offer straightforward configuration of dimming transitions, staircase timers and lighting scenes.

Integration with DALI and DMX512 also supports more advanced control of light fittings and lighting effects.

TECHNICAL ALARMS

Intrusion, fire and flood alerts

Comelit home automation systems can monitor alarms from connected intrusion, fire and flood detection devices, sending push notifications and email alerts to help you respond promptly. Presence sensors with 360° coverage and light sensors can also be integrated into the system to support lighting control and security functions.



VIIP TOUCHSCREENS

VIIP touchscreens combine home automation control and video door entry in a single device. Available in 7.1-inch and 10.1-inch sizes, they let you manage your system using floor plans or room-by-room views, with an interface you can customise to suit your needs. With direct KNX bus connectivity, Wi-Fi, Ethernet and a built-in web server, the screens support remote control and are compatible with Google Home and Amazon Alexa. You can create scenes, set schedules and receive alarm notifications by email and push notification. A dedicated concierge version is also available for apartment buildings and projects requiring concierge control.



MOBILE APP

Your home, at your fingertips.

Control your home from your smartphone with Comelit's mobile apps for iOS and Android. Manage lighting, heating, air conditioning, blinds and security, and access Comelit video door entry functions through a simple, easy-to-use interface.

Create personalised scenes, set timers and receive notifications of alarms and system events. Adjust the temperature, switch heating or cooling on and off, and monitor indoor air quality wherever you are.

Integration with Google Home and Amazon Alexa also lets you control compatible devices by voice.



INGENIUM
APP



ENERGY MANAGEMENT

Monitor energy use in real time with Comelit home automation. Detailed consumption data helps you understand where energy is being used and identify opportunities to reduce waste. Automatic adjustments to connected systems help reduce unnecessary consumption and running costs, giving you greater control over your energy use.

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THE BI-16 SYSTEM:

Take control of your building's energy use.



BUILDING CONTROL AND MONITORING WITH BI-16

The BI-16 range helps manage energy and water use in apartment buildings and hotels. It brings monitoring and control of electricity, gas, hot water and cold water together, giving building managers a clearer view of consumption.



PLANT ROOM MANAGEMENT

Plant rooms house equipment that can account for a substantial share of a building's energy use. BI-16 devices monitor and control these systems, helping building managers track consumption and manage resources more efficiently.



CONFIGURABLE TO SUIT YOUR PROJECT

BI-16 devices can be configured to meet the requirements of each installation, allowing monitoring and control to be tailored to the building and its systems.



BUILDING-WIDE CONTROL

BI-16 extends control beyond individual apartments, providing building management system (BMS) functionality across communal areas, plant rooms and other shared facilities.



KEY BENEFITS

- **Energy efficiency:** Centralised monitoring and control help reduce unnecessary energy use.
- **Flexibility:** Configurable solutions meet the needs of each project.
- **Greater visibility:** Detailed consumption data supports informed decisions.
- **Resource management:** Closer control helps reduce energy and water waste.



APPLICATIONS

- **Apartment buildings:** Improve energy management while maintaining resident comfort.
- **Hotels:** Manage energy and water consumption and support day-to-day operations.
- **Large-scale projects:** Monitor and control plant rooms and other key areas.



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TOUCHSCREENS
& DISPLAYS



SYSTEM
INTEGRATION



ENERGY
EFFICIENCY



TECHNICAL
ALARMS



BLINDS



HOTEL
SOLUTIONS



POWER
SUPPLIES



CLIMATE
CONTROL



PRESENCE
DETECTION



LIGHTING

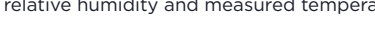
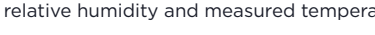
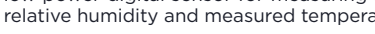
Origen

Origen uses wired BUSing technology to provide reliable communication and integrated control in homes, offices, shops and other commercial spaces.

The range can be tailored to the requirements of each installation, bringing electrical and electronic systems together for simpler management and everyday operation.

PUSH BUTTONS & THERMOSTAT

	ING-CB-THB	CUBIC-TH ORIGEN SQUARE - BASIC - WHITE White BUSing thermostat without push buttons for controlling the temperature of an independent air conditioning zone. Built-in concealed PI controller for greater comfort and energy savings. On/off, PWM or continuous temperature controller to control the main and additional heating/cooling systems. This model includes a humidity sensor. Dew point calculation based on relative humidity and measured temperature.
		
	ING-CB-THN	CUBIC-TH ORIGEN SQUARE - BASIC - BLACK Black BUSing thermostat without push buttons for controlling the temperature of an independent air conditioning zone. Built-in concealed PI controller for greater comfort and energy savings. On/off, PWM or continuous temperature controller to control the main and additional heating/cooling systems. This model includes a humidity sensor. Dew point calculation based on relative humidity and measured temperature.
		
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	ING-CB-TLB	CUBIC-TL ORIGEN SQUARE - BASIC - WHITE White BUSing thermostat with LED indicators to control an independent air conditioning zone. It has 5 touch control areas. Built-in concealed PI controller for greater comfort and energy savings. Includes humidity sensor. Dew point calculation based on relative humidity and measured temperature.
		
	ING-CB-TLN	CUBIC-TL ORIGEN SQUARE - BASIC - BLACK Black BUSing thermostat with LED indicators to control an independent air conditioning zone. It has 5 touch control areas. Built-in concealed PI controller for greater comfort and energy savings. Includes humidity sensor. Dew point calculation based on relative humidity and measured temperature.
		
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	ING-CB-TLVB	CUBIC-TLV ORIGEN VERTICAL - BASIC - WHITE White BUSing thermostat with LED indicators to control an independent air conditioning zone. Eight fully configurable touch areas. Built-in concealed PI controller for greater comfort and energy savings. Includes a temperature and humidity sensor. Dew point calculation based on relative humidity and measured temperature. 
	ING-CB-TLVN	CUBIC-TLV ORIGEN VERTICAL - BASIC - BLACK Black BUSing thermostat with LED indicators to control an independent air conditioning zone. Eight fully configurable touch areas. Built-in concealed PI controller for greater comfort and energy savings. Includes a temperature and humidity sensor. Dew point calculation based on relative humidity and measured temperature. 
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	ING-CB-TLRB	CUBIC-TLR ORIGEN VERTICAL - BASIC - WHITE White BUSing thermostat with scroll for selecting the reference temperature and LED indicators for controlling an independent air conditioning zone. It has 8 fully configurable touch control areas, as well as touch areas for selecting the mode and speed of the fan coil. Built-in temperature sensor with concealed PI thermostat for greater comfort and energy savings. On/off, PWM or continuous temperature controller to control the main and additional heating/cooling systems. Includes humidity sensor. Dew point calculation based on relative humidity and measured temperature. 
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	ING-CB-TLRCAB	CUBIC-TLR+CO2 ORIGEN VERT. - BASIC - WHITE White BUSing thermostat with scroll for selecting the reference temperature and LED indicators for controlling an independent air conditioning zone. It has 8 fully configurable touch control areas, as well as touch areas for selecting the mode and speed of the fan coil. Built-in temperature sensor with concealed PI thermostat for greater comfort and energy savings. On/off, PWM or continuous temperature controller to control the main and additional heating/cooling systems. Includes a humidity sensor and an ultra-low power digital sensor for measuring air quality. Dew point calculation based on relative humidity and measured temperature. 

	ING-CB-TLRCAN	CUBIC-TLR+CO2 ORIGEN VERT. - BASIC - BLACK Black BUSing thermostat with scroll for selecting the reference temperature and LED indicators for controlling an independent air conditioning zone. It has 8 fully configurable touch control areas, as well as touch areas for selecting the mode and speed of the fan coil. Built-in temperature sensor with concealed PI thermostat for greater comfort and energy savings. On/off, PWM or continuous temperature controller to control the main and additional heating/cooling systems. Includes a humidity sensor and an ultra-low power digital sensor for measuring air quality. Dew point calculation based on relative humidity and measured temperature.
	ING-CD-TLRCAB	CUBIC-TLV+CO2 ORIGEN VERT.- DESIGN - WHITE White BUSing thermostat with scroll for selecting the reference temperature and LED indicators for controlling an independent air conditioning zone. It has 8 fully configurable touch control areas, as well as touch areas for selecting the mode and speed of the fan coil. Built-in temperature sensor with concealed PI thermostat for greater comfort and energy savings. On/off, PWM or continuous temperature controller to control the main and additional heating/cooling systems. Includes a humidity sensor and an ultra-low power digital sensor for measuring air quality. Dew point calculation based on relative humidity and measured temperature. Fully customisable front glass.
	ING-CD-TLRCAN	CUBIC-TLR+CO2 ORIGEN VERT. - DESIGN - BLACK Black BUSing thermostat with scroll for selecting the reference temperature and LED indicators for controlling an independent air conditioning zone. It has 8 fully configurable touch control areas, as well as touch areas for selecting the mode and speed of the fan coil. Built-in temperature sensor with concealed PI thermostat for greater comfort and energy savings. On/off, PWM or continuous temperature controller to control the main and additional heating/cooling systems. Includes a humidity sensor and an ultra-low power digital sensor for measuring air quality. Dew point calculation based on relative humidity and measured temperature. Fully customisable front glass.
	ING-CB-SQ2B	CUBIC ORIGEN SQUARE - 2 CH - BASIC - WHITE Square format, white basic BUSing capacitive push button with 2 independent, fully programmable touch areas. LED indicator associated with each of the touch areas. Built-in temperature sensor with concealed PI thermostat for greater comfort and energy savings. On/off, PWM or continuous temperature controller to control the main and additional heating/cooling systems.
	ING-CB-SQ2N	CUBIC ORIGEN SQUARE - 2 CH - BASIC - BLACK Square format, black basic BUSing capacitive push button with 2 independent, fully programmable touch areas. LED indicator associated with each of the touch areas. Built-in temperature sensor with concealed PI thermostat for greater comfort and energy savings. On/off, PWM or continuous temperature controller to control the main and additional heating/cooling systems.
	ING-CD-SQ2B	CUBIC ORIGEN SQUARE - 2 CH - DESIGN - WHITE Square format, customised white basic BUSing capacitive push button with 2 independent, fully programmable touch areas. LED indicator associated with each of the touch areas. Built-in temperature sensor with concealed PI thermostat for greater comfort and energy savings. On/off, PWM or continuous temperature controller to control the main and additional heating/cooling systems.
	ING-CD-SQ2N	CUBIC ORIGEN SQUARE - 2 CH - DESIGN - BLACK Square format, customised black basic BUSing capacitive push button with 2 independent, fully programmable touch areas. LED indicator associated with each of the touch areas. Built-in temperature sensor with concealed PI thermostat for greater comfort and energy savings. On/off, PWM or continuous temperature controller to control the main and additional heating/cooling systems.

	ING-CB-SQ4B	CUBIC ORIGEN SQUARE - 4 CH - BASIC - WHITE Square format, white basic BUSing capacitive push button with 4 independent, fully programmable touch areas. LED indicator associated with each of the touch areas. Built-in temperature sensor with concealed PI thermostat for greater comfort and energy savings. On/off, PWM or continuous temperature controller to control the main and additional heating/cooling systems.
	ING-CB-SQ4N	CUBIC ORIGEN SQUARE - 4 CH - BASIC - BLACK Square format, black basic BUSing capacitive push button with 4 independent, fully programmable touch areas. LED indicator associated with each of the touch areas. Built-in temperature sensor with concealed PI thermostat for greater comfort and energy savings. On/off, PWM or continuous temperature controller to control the main and additional heating/cooling systems.
	ING-CD-SQ4B	CUBIC ORIGEN SQUARE - 4 CH - DESIGN - WHITE Square format, customised white basic BUSing capacitive push button with 4 independent, fully programmable touch areas. LED indicator associated with each of the touch areas. Built-in temperature sensor with concealed PI thermostat for greater comfort and energy savings. On/off, PWM or continuous temperature controller to control the main and additional heating/cooling systems.
	ING-CD-SQ4N	CUBIC ORIGEN SQUARE - 4 CH - DESIGN - BLACK Square format, customised black basic BUSing capacitive push button with 4 independent, fully programmable touch areas. LED indicator associated with each of the touch areas. Built-in temperature sensor with concealed PI thermostat for greater comfort and energy savings. On/off, PWM or continuous temperature controller to control the main and additional heating/cooling systems.
	ING-CB-SQ6B	CUBIC ORIGEN SQUARE - 6 CH - BASIC - WHITE Square format, white basic BUSing capacitive push button with 6 independent, fully programmable touch areas. LED indicator associated with each of the touch areas. Built-in temperature sensor with concealed PI thermostat for greater comfort and energy savings. On/off, PWM or continuous temperature controller to control the main and additional heating/cooling systems.
	ING-CB-SQ6N	CUBIC ORIGEN SQUARE - 6 CH - BASIC - BLACK Square format, black basic BUSing capacitive push button with 6 independent, fully programmable touch areas. LED indicator associated with each of the touch areas. Built-in temperature sensor with concealed PI thermostat for greater comfort and energy savings. On/off, PWM or continuous temperature controller to control the main and additional heating/cooling systems.
	ING-CD-SQ6B	CUBIC ORIGEN SQUARE - 6 CH - DESIGN - WHITE Square format, customised white basic BUSing capacitive push button with 6 independent, fully programmable touch areas. LED indicator associated with each of the touch areas. Built-in temperature sensor with concealed PI thermostat for greater comfort and energy savings. On/off, PWM or continuous temperature controller to control the main and additional heating/cooling systems.
	ING-CD-SQ6N	CUBIC ORIGEN SQUARE - 6 CH - DESIGN - BLACK Square format, customised black basic BUSing capacitive push button with 6 independent, fully programmable touch areas. LED indicator associated with each of the touch areas. Built-in temperature sensor with concealed PI thermostat for greater comfort and energy savings. On/off, PWM or continuous temperature controller to control the main and additional heating/cooling systems.

	ING-CB-V6B	CUBIC ORIGEN VERT. - 6 CH - BASIC - WHITE Vertical format, white basic BUSing capacitive push button with 6 independent, fully programmable touch areas. LED indicator associated with each of the touch areas. Built-in temperature sensor with concealed PI thermostat for greater comfort and energy savings. On/off, PWM or continuous temperature controller to control the main and additional heating/cooling systems.
	ING-CB-V6N	CUBIC ORIGEN VERT. - 6 CH - BASIC - BLACK Vertical format, black basic BUSing capacitive push button with 6 independent, fully programmable touch areas. LED indicator associated with each of the touch areas. Built-in temperature sensor with concealed PI thermostat for greater comfort and energy savings. On/off, PWM or continuous temperature controller to control the main and additional heating/cooling systems.
	ING-CD-V6B	CUBIC ORIGEN VERT. - 6 CH - DESIGN - WHITE Vertical format, customised white BUSing capacitive push button with 6 independent, fully programmable touch areas. LED indicator associated with each of the touch areas. Built-in temperature sensor with concealed PI thermostat for greater comfort and energy savings. On/off, PWM or continuous temperature controller to control the main and additional heating/cooling systems.
	ING-CD-V6N	CUBIC ORIGEN VERT. - 6 CH - DESIGN - BLACK Vertical format, customised black BUSing capacitive push button with 6 independent, fully programmable touch areas. LED indicator associated with each of the touch areas. Built-in temperature sensor with concealed PI thermostat for greater comfort and energy savings. On/off, PWM or continuous temperature controller to control the main and additional heating/cooling systems.
	ING-CB-V8B	CUBIC ORIGEN VERT. - 8 CH - BASIC - WHITE Vertical format, white basic BUSing capacitive push button with 8 independent, fully programmable touch areas. LED indicator associated with each of the touch areas. Built-in temperature sensor with concealed PI thermostat for greater comfort and energy savings. On/off, PWM or continuous temperature controller to control the main and additional heating/cooling systems.
	ING-CB-V8N	CUBIC ORIGEN VERT. - 8 CH - BASIC - BLACK Vertical format, black basic BUSing capacitive push button with 8 independent, fully programmable touch areas. LED indicator associated with each of the touch areas. Built-in temperature sensor with concealed PI thermostat for greater comfort and energy savings. On/off, PWM or continuous temperature controller to control the main and additional heating/cooling systems.
	ING-CD-V8B	CUBIC ORIGEN VERT. - 8 CH - DESIGN - WHITE Vertical format, customised white BUSing capacitive push button with 8 independent, fully programmable touch areas. LED indicator associated with each of the touch areas. Built-in temperature sensor with concealed PI thermostat for greater comfort and energy savings. On/off, PWM or continuous temperature controller to control the main and additional heating/cooling systems.
	ING-CD-V8N	CUBIC ORIGEN VERT. - 8 CH - DESIGN - BLACK Vertical format, customised black BUSing capacitive push button with 8 independent, fully programmable touch areas. LED indicator associated with each of the touch areas. Built-in temperature sensor with concealed PI thermostat for greater comfort and energy savings. On/off, PWM or continuous temperature controller to control the main and additional heating/cooling systems.

	ING-ETHBUS4	ETHBUS4 - WEB SERVER ORIGEN Web server for remote control of the BUSing® installation from the free Ingenium apps for iOS or Android and from a web browser. This web server includes Wi-Fi connectivity and an RJ45 Ethernet port. It is possible to view BUSing® projects by plans (configured in the SIDE tool) or by rooms (images, labels, icons, etc., fully configurable by the user from the iOS/Android app). Support for annual timings, IFTTT, technical alarms and push notifications. Compatible with Google Home and Alexa. It can be configured as a Modbus server.
	BS220050	SOFTWARE BUILDINGS - 50 ELEMENTS PC software for monitoring BUSing systems of up to 50 elements. A home automation server (or system manager) is required for the software to function.
	BS220100	SOFTWARE BUILDINGS - 100 ELEMENTS PC software for monitoring BUSing systems of up to 100 elements. A home automation server (or system manager) is required for the software to function.
	ING-ST2-B	SMARTTOUCH2-SYSTEM MANAGER ORIGEN 4.3"-WHITE White vertical BUSing capacitive touch interface that allows control and monitoring of all system devices via intuitive icons on customisable images. It supports up to a maximum of 32 commands, spread over 4 pages (8 commands per page), which can be easily browsed by scrolling to the side. It also includes a dedicated climate control interface. Smart Touch Plus integrates a WEB server, i.e. the ability to create a Wi-Fi network that allows it to be controlled both locally and remotely from an iOS or Android device, simply by downloading the official Ingenium apps. Voice control with Google Home is also possible. It also has an internal thermostat, technical alarm management, gesture shortcuts, multi-language support and security features such as numerical code locking and restricted access to the Tools menu. NOTE: Special version available for BREEAM projects
	ING-ST2-N	SMARTTOUCH2-SYSTEM MANAGER ORIGEN 4.3"-BLACK Black vertical BUSing capacitive touch interface that allows control and monitoring of all system devices via intuitive icons on customisable images. It supports up to a maximum of 32 commands, spread over 4 pages (8 commands per page), which can be easily browsed by scrolling to the side. It also includes a dedicated climate control interface. Smart Touch Plus integrates a WEB server, i.e. the ability to create a Wi-Fi network that allows it to be controlled both locally and remotely from an iOS or Android device, simply by downloading the official Ingenium apps. Voice control with Google Home is also possible. It also has an internal thermostat, technical alarm management, gesture shortcuts, multi-language support and security features such as numerical code locking and restricted access to the Tools menu. NOTE: Special version available for BREEAM projects
	ING-VIIP-10D-B	SYSTEM MANAGER ORIGEN 10" - WI-FI+2XRJ45 - WHITE White touch screen with integrated web server and native connection to BUSing, as well as support for SIP communications, allowing the screen to also act as a door entry monitor with call divert when connected to a network with a third-party SIP external unit. The touch screen is equipped with a 10.1" TFT and it is possible to view BUSing projects by plans (configured in the SIDE tool) or by rooms (images, labels, icons, etc., fully configurable by the user from the iOS/Android app). With Wi-Fi connectivity and 2 RJ45 ports for Internet and/or door entry monitor network connection.

	ING-VIIP-10D-N	SYSTEM MANAGER ORIGEN 10" - WI-FI+2XRJ45 - BLACK Black touch screen with integrated web server and native connection to BUSing, as well as support for SIP communications, allowing the screen to also act as a door entry monitor with call divert when connected to a network with a third-party SIP external unit. The touch screen is equipped with a 10.1" TFT and it is possible to view BUSing projects by plans (configured in the SIDE tool) or by rooms (images, labels, icons, etc., fully configurable by the user from the iOS/Android app). With Wi-Fi connectivity and 2 RJ45 ports for Internet and/or door entry monitor network connection. 
	ING-VIIP-10E-B	SYSTEM MANAGER ORIGEN 10" - WI-FI+1XRJ45 - WHITE White touch screen with integrated web server and native connection to BUSing, as well as support for SIP communications, allowing the screen to also act as a door entry monitor with call divert when connected to a network with a third-party SIP external unit. The touch screen is equipped with a 10.1" TFT and it is possible to view BUSing projects by plans (configured in the SIDE tool) or by rooms (images, labels, icons, etc., fully configurable by the user from the iOS/Android app). With Wi-Fi connectivity and 1 RJ45 port for Internet and/or door entry monitor network connection. 
	ING-VIIP-10E-N	SYSTEM MANAGER ORIGEN 10" - WI-FI+1XRJ45 - BLACK Black touch screen with integrated web server and native connection to BUSing, as well as support for SIP communications, allowing the screen to also act as a door entry monitor with call divert when connected to a network with a third-party SIP external unit. The touch screen is equipped with a 10.1" TFT and it is possible to view BUSing projects by plans (configured in the SIDE tool) or by rooms (images, labels, icons, etc., fully configurable by the user from the iOS/Android app). With Wi-Fi connectivity and 2 RJ45 ports for Internet and/or door entry monitor network connection. 
	ING-VIIP-7D-B	SYSTEM MANAGER ORIGEN 7" - WI-FI+2XRJ45 - WHITE White touch screen with integrated web server and native connection to BUSing, as well as support for SIP communications, allowing the screen to also act as a door entry monitor with call divert when connected to a network with a third-party SIP external unit. The touch screen is equipped with a 7.1" TFT and it is possible to view BUSing projects by plans (configured in the SIDE tool) or by rooms (images, labels, icons, etc., fully configurable by the user from the iOS/Android app). With Wi-Fi connectivity and 2 RJ45 ports for Internet and/or door entry monitor network connection. 
	ING-VIIP-7D-N	SYSTEM MANAGER ORIGEN 7" - WI-FI+2XRJ45 - BLACK Black touch screen with integrated web server and native connection to BUSing, as well as support for SIP communications, allowing the screen to also act as a door entry monitor with call divert when connected to a network with a third-party SIP external unit. The touch screen is equipped with a 7.1" TFT and it is possible to view BUSing projects by plans (configured in the SIDE tool) or by rooms (images, labels, icons, etc., fully configurable by the user from the iOS/Android app). With Wi-Fi connectivity and 2 RJ45 ports for Internet and/or door entry monitor network connection. 
	ING-VIIP-7E-B	SYSTEM MANAGER ORIGEN 7" - WI-FI+1XRJ45 - WHITE White touch screen with integrated web server and native connection to BUSing, as well as support for SIP communications, allowing the screen to also act as a door entry monitor with call divert when connected to a network with a third-party SIP external unit. The touch screen is equipped with a 7.1" TFT and it is possible to view BUSing projects by plans (configured in the SIDE tool) or by rooms (images, labels, icons, etc., fully configurable by the user from the iOS/Android app). With Wi-Fi connectivity and 1 RJ45 port for Internet and/or door entry monitor network connection. 

	ING-VIIP-7E-N	SYSTEM MANAGER ORIGEN 7" - WI-FI+1XRJ45 - BLACK Black touch screen with integrated web server and native connection to BUSing, as well as support for SIP communications, allowing the screen to also act as a door entry monitor with call divert when connected to a network with a third-party SIP external unit. The touch screen is equipped with a 7.1" TFT and it is possible to view BUSing projects by plans (configured in the SIDE tool) or by rooms (images, labels, icons, etc., fully configurable by the user from the iOS/Android app). With Wi-Fi connectivity and 2 RJ45 ports for Internet and/or door entry monitor network connection. 
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NOTE: Versions available for "concierge" for special projects.

INPUTS-OUTPUTS		
	ING-16S	ORIGEN ACTUATOR 16 OUTPUTS Actuator with 16 potential-free relay outputs, with a breaking capacity of 10 A per output. 
	ING-4E8S	ORIGEN ACTUATOR 4 INPUTS 8 OUTPUTS Actuator with 8 outputs with potential-free relays, with a breaking capacity of 10 A per output and 4 low-voltage inputs, referred to the BUS ground. The operation of each of the inputs can be programmed. 
	ING-6E6S	ORIGEN ACTUATOR 6 INPUTS 6 DIG. OUTPUTS Flush-mounted device to convert orders from conventional mechanisms (push buttons and/or switches) into BUS orders. It has 3 inputs, each with 2 programmable scenes (up to 60 events per scene), referred to the BUS ground. NOTE: Product not compatible with LED lighting. 
	ING-6E6S-F2A	ORIGEN ACTUATOR 6 INPUTS 6 TRIAC OUTPUTS Actuator provided with 6 triac outputs internally connected to the power supply phase of the device, with a maximum breaking capacity (adding all outputs) of 12 A, and 6 low-voltage inputs, referred to the BUS ground. The operation of each of the inputs can be programmed. 
	ING-4E4S	ORIGEN ACTUATOR 4 INPUTS 4 OUTPUTS Actuator with 4 outputs with potential-free relays, with a breaking capacity of 10 A per output and 4 low-voltage inputs, referred to the BUS ground. The operation of each of the inputs can be programmed. 
	ING-4E4S-F4A	ORIGEN ACTUATOR 4 INPUTS 4 TRIAC OUTPUTS Actuator with 4 potential-free relay outputs, with a breaking capacity of 10 A per output and 4 low-voltage inputs, referred to the BUS ground. The operation of each of the inputs can be programmed. 

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	ING-2E2S	ORIGEN ACTUATOR 2 INPUTS 2 OUTPUTS Actuator with 2 potential-free relay outputs, with a breaking capacity of 10 A per output and 2 low-voltage inputs, referred to the BUS ground. The operation of each of the inputs can be programmed.
	ING-2E2S-C30A	ORIGEN ACTUATOR 2 INPUTS 2 OUTPUTS 30A Actuator with 2 potential-free relay outputs, with a breaking capacity of 30 A per output (with manual reset option) and 2 low-voltage inputs, referred to the BUS ground. The operation of each of the inputs can be programmed.
	ING-MECING-4	ORIGEN 4-INPUT MODULE - FLUSH-MOUNTED Device to convert orders from conventional mechanisms (push buttons and/or switches) into BUS orders. It has 4 inputs, each with 2 programmable scenes (up to 60 events per scene), referred to the BUS ground.
	ING-MECING	ORIGEN 3-INPUT MODULE - FLUSH-MOUNTED Flush-mounted device to convert orders from conventional mechanisms (push buttons and/or switches) into BUS orders. It has 3 inputs, each with 2 programmable scenes (up to 60 events per scene), referred to the BUS ground.
	ING-MECING-C	ORIGEN 3-INPUT MODULE Device with guide to convert orders from conventional mechanisms (push buttons and/or switches) into BUS orders. It has 3 inputs, each with 2 programmable scenes (up to 60 events per scene), referred to the BUS ground.
DIMMERS		
	ING-RGBWL-C	ORIGEN RGBW DIMMER BUSing dimmer for controlling RGBW LED modules with additional white colour, with the option of controlling each channel independently. Microcontroller-based digital control with more than 200 regulation points. Maximum operating output of 3 A per channel. PWM dimming method.
	ING-RGBWL	ORIGEN RGBW DIMMER - CONCEALED BUSing dimmer for controlling RGB LED modules with additional white colour, with the option of controlling each channel independently. Microcontroller-based digital control with more than 200 regulation points. Maximum operating output of 3 A per channel. PWM dimming method.
	ING-RBF10A	ORIGEN 1-10V DIMMER - 1 CHANNEL BUSing dimmer, 1-10 V signal. On/off relay for leading edge dimming. Equipped with 1 channel

	ING-RD1S200	UNIVERSAL ORIGEN DIMMER - 1CH - CONCEALED Universal BUSing dimmer, one channel with 200 W maximum load. This device allows the regulation of any type of load, whether halogen, incandescent or LED. It is designed to avoid flickering, incompatibility or other inconsistencies resulting from lighting adjustment.
	ING-RD2S200	UNIVERSAL ORIGEN DIMMER - 2 CHANNELS Universal dimmer with 2 channels of 200 W maximum load each. This device allows the regulation of any type of load, whether halogen, incandescent or LED. It is designed to avoid flickering, incompatibility or other inconsistencies resulting from lighting adjustment. It has 2 low-voltage inputs (SELV) for conventional push buttons (non-programmable and connected to the corresponding outputs). Thermal protection and short-circuit protection. Microcontroller-based digital control with more than 200 regulation points.
	ING-DALING	ORIGEN-DALI GATEWAY Gateway for controlling luminaires with DALI protocol from BUSing*. It allows the control and addressing of up to 65 luminaires by replacing the corresponding DALI power supply.
	ING-KA	ORIGEN ALARM MANAGEMENT CENTRE Technical alarm management centre (intrusion, flood, fire, gas leak, etc.). This module, combined with a BUSing* interface with integrated web server (PPL10, PPL7, PPL4, Smart Touch Plus o ETHBUS3), makes it possible to know and control the status of the home automation installation 24/7 and to receive alerts on mobile devices in the event of a technical alarm. An alternative version including management and phone alert is also available.
SECURITY		
	ING-SIN-2H	2-WIRE FLOODING SENSOR Vertical contact flood detector probe suitable for 2-wire connection to Ingenium KA control units.
	ING-SIN-3H	3-WIRE FLOODING SENSOR Vertical contact flood detector probe suitable for 3-wire connection to generic binary input.
	ING-SIN-BUS	ORIGEN FLOODING SENSOR Vertical flood detector for connection to BUSing*. It is possible to connect several BUS detectors. It is possible to schedule desired events at the start and end of detection.

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	ING-SIFBUS-E	ORIGEN MOTION SENSOR Flush-mounted infrared motion detector for connection to BUSing®. It has a 360° detection angle and covers an area of 5 m in diameter and 2.5 m in height. It is possible to schedule desired events at the start and end of detection.
	ING-SIFBUS-S	ORIGEN MOTION SENSOR - SURFACE-MOUNTED Surface-mounted infrared motion detector for connection to BUSing®. It has a 360° detection angle and covers an area of 5 m in diameter and 2.5 m in height. It is possible to schedule desired events at the start and end of detection.
	ING-SIF	CONVENTIONAL MOTION SENSOR Flush-mounted infrared motion detector for 3-wire connection to Ingenium KA control units. It has a 360° detection angle and covers an area of 5 m in diameter and 2.5 m in height.
	ING-SIF-S	CONV. MOTION SENSOR - SURFACE-MOUNTED Surface-mounted infrared motion detector for 3-wire connection to Ingenium KA control units. It has a 360° detection angle and covers an area of 5 m in diameter and 2.5 m in height.
	ING-SRBUS	ORIGEN CONCEALED MOTION DETECTOR BUSing motion detector for concealed installation that detects movement through walls and ceilings made of any non-metallic material. Connection to BUSing® with the option of setting and programming events during detection and at the end of detection via SIDE. It detects a maximum area of 12 x 6 m at a height of 2.5 m.
	ING-DM-BUS	ORIGEN MAGNETIC CONTACT Door and/or window opening detector for connection to BUSing®. It is possible to schedule desired events at the start and end of detection.
	ING-SIFBUS-L	ORIGEN 2-SENSOR MOTION DETECTOR Flush-mounted 360° infrared detector with a detection area of 5 m in diameter at a height of 2.5 m, incorporating a twilight sensor to control the activation of a circuit based on ambient light. It is possible to schedule desired events at the start and end of detection.
	ING-SIFBUS-LS	MOT. DET. ORIGEN 2 SENSORS - SURFACE-MOUNTED Surface-mounted 360° infrared detector with a detection area of 5 m in diameter at a height of 2.5 m, incorporating a twilight sensor to control the activation of a circuit based on ambient light. It is possible to schedule desired events at the start and end of detection.

	ING-DTV	CONVENTIONAL RATE OF RISE DETECTOR Rate of rise detector for fire detection in areas where the presence of smoke is common. Suitable for 2-wire connection to Ingenium KA control units.
	ING-DTV-BUS	ORIGEN RATE OF RISE DETECTOR Rate of rise detector for fire detection in areas where the presence of smoke is common. It is possible to schedule desired events at the start and end of detection.
	ING-SR	CONV. MOTION SENSOR - CONCEALED Motion sensor for concealed installation that detects movement through walls and ceilings made of any non-metallic material. It has 2 potentiometers to adjust intensity and time between 0 and 17 minutes. Detects a maximum area of 12 x 6 m at a height of 2.5 m. It has a 10 A potential-free relay output.
CLIMA		
	ING-FC-2V	ORIGEN FAN COIL ACTUATOR - 5 OUTPUTS Device for controlling a fan coil, allowing 3 speeds to be activated according to the required demand. It also has outputs to connect the 2 corresponding solenoid valves. Equipped with a BUSing® connection.
	ING-FC-2V-010	ORIGEN FAN COIL ACTUATOR 0-10V - 2 OUTPUTS Device for controlling a fan coil, allowing its speed to be varied using a 0-10 V signal according to the required demand. It also has outputs to connect the 2 corresponding solenoid valves. Equipped with a BUSing® connection.
	ING-BUSING-DK-D	ORIGEN-DAIKIN GATEWAY Gateway for the integration of a DAIKIN air conditioning system with the BUSing® control system. Connects to a DAIKIN indoor air conditioning unit via a direct cable connection (supplied with the gateway). It allows the appliance to be switched on and off and to set its operating mode, the fan speed and the reference temperature.
	ING-BUSING-DK-I	ORIGEN-DAIKIN GATEWAY, VRV AND SKY Gateway that integrates the DAIKIN® VRV and SKY series air conditioning system with the BUSing® control system. Connects to a DAIKIN® indoor air conditioning unit through a direct 2-wire cable connection.
	ING-BUSING-DK-IR	ORIGEN-DAIKIN IR GATEWAY Allows BUSing® management of a DAIKIN air conditioning unit using infrared control. Suitable for domestic use.

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	ING-BUSING-DK-MD	ORIGEN-DAIKIN MODBUS GATEWAY Gateway suitable for the integration of a DAIKIN® HVAC air conditioning system with the BUSing® control system. It communicates with a DAIKIN® outdoor air conditioning unit through a direct 2-wire connection.	
	ING-BUSING-LG-D	ORIGEN-LG GATEWAY Allows BUSing® management of an LG air conditioning unit through a direct 2-wire cable connection.	
	ING-BUSING-LG-I	ORIGEN-LG VRV GATEWAY Gateway for the integration of an LG air conditioning system with the BUSing® control system. RS485 bus connection of LG outdoor units. Controls up to 64 indoor LG units.	
	ING-BUSING-MB-D	ORIGEN-MITSUBISHI GATEWAY Gateway for the integration of a MITSUBISHI ELECTRIC air conditioning system with the BUSing® control system. Connects to a MITSUBISHI indoor air conditioning unit via a direct cable connection (supplied with the gateway). It allows the appliance to be switched on and off and to set its operating mode, the fan speed and the reference temperature.	
	ING-BUSING-MD-D	ORIGEN-MIDEA GATEWAY Gateway that integrates the MIDEA® air conditioning system with the BUSing® control system. Connects to a MIDEA® air conditioning unit for domestic use through a direct 2-wire cable connection.	
	ING-BUSING-PN-D	ORIGEN-PANASONIC GATEWAY, ECOI AND PACI Allows BUSing® control of a PANASONIC indoor air conditioning unit, ECOi and PACi series, through a direct 2-wire cable connection.	
	ING-BUSING-CR-I	ORIGEN-CARRIER VRF GATEWAY Gateway for the integration of VRF CARRIER® air conditioning systems with the BUSing® control system. 3-wire connection with polarity to the external CARRIER® unit. It can control up to 32 internal CARRIER® units.	
	ING-BUSING-TB	GATEWAY TOSHIBA ORIGEN Allows management from BUSing® of an indoor TOSHIBA air conditioning unit via direct 2-wire cable connection.	

	ING-REJIBUS	ORIGEN ACTUATOR FOR MOTORISED GRILLES Device for controlling motorized grilles in order to zone the A/C. Controls DC motors up to 0.7 A.	
	ING-IRING	ORIGEN INFRARED MODULE Allows BUSing® management of any air conditioning system via infrared control, replacing the built-in remote control.	

ENERGY EFFICIENCY

	ING-MET50BUS-3C	ORIGEN CONSUMPTION METER - 3 CHANNELS Consumption meter with up to 4 different channels (3 physical channels and 1 virtual channel). Device measurements can be displayed on the compatible Ingenium BUSing® interfaces and the official iOS and Android apps designed by Ingenium.	
	ING-MULTIMETER	ORIGEN 4-INPUT PULSE COUNTER - FLUSH-MOUNTED Device for measuring and monitoring pulse signals received from conventional counters. It has 4 inputs for 4 independent counters. It measures the consumption of water (DHW and DCW), heat energy and electricity.	
	ING-MULTIMETER-C	ORIGEN 4-INPUT PULSE COUNTER + NTC Device for measuring and monitoring pulse signals received from conventional counters. It has 4 inputs for 4 independent counters. It can measure the consumption of water (DHW and DCW), heat energy and electricity. This DIN-format model includes an additional input for connecting an NTC probe.	
	GW650050	CURRENT TRANSFORMER - 50A Sensor accessory for measuring the consumption of 1 physical channel via MeterBUS. It allows the intensity passing through a conductor to be measured without having to cut or modify its wiring. NOTE: Available also with 20A (GW650020)	

POWER SUPPLIES

	ING-BF2	POWER SUPPLY UNIT ORIGEN 12V 5VA DC power supply for BUSing installations (12 V 5 VA). It is necessary to use it to ensure that the system works correctly with the equipment installed.	
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	ING-BF22	POWER SUPPLY UNIT ORIGEN 12V 12VA DC power supply for BUSing installations (12 V 12 VA). It is necessary to use it to ensure that the system works correctly with the equipment installed.
	ING-BF2-BU	POWER SUPPLY UNIT ORIGEN 12V 12VA WITH BACKUP DC power supply for BUSing installations (12 V 5 VA). It is necessary to use it to ensure that the system works correctly with the equipment installed. This power supply has a microprocessor that detects when there is a power failure and when the battery is low. In the event of a power failure, the external battery allows you to keep the installation running.
	ING-BF-VIIP	PSU FOR VIIP ORIGEN SYSTEM MANAGERS Power supply for exclusive use with Ingenium VIIP BUSing® screens. Designed and adjusted to meet the consumption needs of a screen.
	ING-BF2-L	POWER SUPPLY DIN + GATEWAY WINGS LO ORIGEN Direct current power supply for BUSing installations (12V 5VA) with an integrated gateway for communication between Origen and Wings Lo devices. DIN rail version. NOTE: Also available for WINGS LO 915MHz
	ING-BF1-L	POWER SUPPLY + GATEWAY WINGS LO ORIGEN DC power supply for BUSing installations (12V 5VA) with integrated gateway for communication between ORIGEN and WINGS LO devices. Reduced version for universal box. NOTE: Also available for WINGS LO 915MHz
	ING-BF1-W	ORIGEN POWER SUPPLY UNIT AND WINGS GATEWAY Power supply for BUSing installations (12V 5VA) with an integrated gateway for communication between Origen and Wings devices. Compact version for universal mounting box.
OTHER DEVICES		
	ING-BATERIA	SEALED LEAD BATTERY Battery for KA or KCtr Ingenium models. It is installed to keep the KA/KCtr and the probes supplied with power and in operation for a certain period of time in the event of a power failure. Depending on the programming, its installation activates the power failure alarm.
	ING-CABLE-BUSING	ORIGEN CABLE 6-wire hose (4 x 0.22 mm + 2 x 0.5 mm) shielded and halogen-free for wiring the BUSing® data BUS.

	ING-CONECTOR-T	ORIGEN T CONNECTOR Enables clean and safe bus T-joints. It has 3 BUSing® connections.
	ING-SIRENA	LOUD AND BRIGHT SIREN Siren for connection to Ingenium KA or KCtr devices, with a sound level of 115 dB at a distance of 1 m and a frequency of 2.4 to 4.2 KHz.
	ING-ROUTING	ORIGEN LINE COUPLER Couples different lines to the main trunk, allowing selective filtering of traffic directed to some devices. Recommended in installations with more than 150 nodes. Manages traffic on the BUS to avoid collisions in case of excess packets.
	ING-BW-WINGS	ORIGEN-WINGS GATEWAY Gateway for connecting wired BUSing® devices with Wings RF (BUSing® wireless 868 MHz) devices. Performs bidirectional conversion of orders sent to the different devices in a mixed installation where there are wired and wireless devices.
	ING-BW-WINGS-LO	GATEWAY WINGS LO ORIGEN Gateway for connecting wired BUSing® devices with Wings Lo devices. Performs bidirectional conversion of commands sent to the various devices in a hybrid installation with both wired and wireless devices. Uses the Wings Lo home automation system, which employs long-range wireless technology. NOTE: Also available for WINGS LO 915MHz
	ING-REPING-T	ORIGEN SIGNAL REPEATER Allows you to increase the BUS wiring distance, as well as the number of devices connected on the same line.
	ING-ENDBUS	ORIGEN LINE TERMINATION Micro-controlled BUS line termination that allows BUS monitoring and detection of possible errors, by displaying collisions, lack of ACKs, etc.
	ING-LOGING	ORIGEN MODULE PROGRAMMABLE IN C LANGUAGE Device programmable in type C language from the SIDE, which has 3 analogue inputs. Allows programmes to be developed and BUSing® devices to be controlled.

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ING-BUSING-KNX

ORIGEN-KNX GATEWAY
Gateway for interconnecting a BUSing® system with a KNX® system. It offers the following two options: integrating a KNX® device or installation into a BUSing® installation using the BUSing® Development System (SIDE) and integrating a device or BUSing® installation into a KNX installation using the KNX® project development software (ETS).





ING-BPC-USB

USB ORIGEN INTERFACE
Gateway to connect the BUSing® system to the PC via USB port. Allows devices to be programmed using BUSing® development software (SIDE).



SOFTWARE & APPS



ING-SIDE

SOFTWARE TO CONFIGURE ORIGEN SYSTEM
Configuration software for large-scale and complex home automation installations. Recommended for advanced and experienced users of Ingenium products. It is a development system for the design, programming and configuration of BUSing® systems. The devices can be configured from the development system, specifying the address, functionality and any additional parameters required for operation according to the user's needs. This software also allows you to monitor the status of the installation and individual devices. To do this, it is necessary to connect the PC to the installation or the individual devices through the BPC-USBW gateway. Up to 65,536 devices can be mounted in a single installation.





ING-INGENIUM-ASC

APP FOR ANDROID SYSTEMS
It allows Ingenium BUSing® systems to be controlled from devices with Android operating system. It requires the installation of an ETHBUS4 or VIIP screen with integrated web server, which will act as a gateway to the control elements.





ING-INGENIUM-ISC

APP FOR IOS SYSTEMS
It allows Ingenium BUSing® systems to be controlled from devices with iOS operating system. It requires the installation of an ETHBUS4 or VIIP screen with integrated web server, which will act as a gateway to the control elements.



INTEGRATION OF VOICE COMMANDS

Compatibility with **Amazon Alexa** and **Google Home** voice assistants. Manage your home with simple voice commands: from controlling lights and climate, to opening/closing blinds and roller shutters, and even handling door calls.





HOTEL SOLUTIONS



ING-CD-VHB

CUBIC-VH ORIGEN - HOTEL - DESIGN - WHITE
White BUSing MUR/DND device for hotel room door. It has two icons to distinguish between “do not disturb” and “make up the room” modes. With doorbell button and room number indicator. Fully customisable front glass.





ING-CD-VHN

CUBIC-VH ORIGEN - HOTEL - DESIGN - BLACK
Black BUSing MUR/DND device for hotel room door. It has two icons to distinguish between “do not disturb” and “make up the room” modes. With doorbell button and room number indicator. Fully customisable front glass.



Wings

Wings is a BUSing-based wireless range that adds automation to existing homes and commercial buildings without replacing the wiring. Using radio frequency technology, it offers a flexible way to upgrade conventional installations and extend control throughout a property.

Manage lighting, heating, cooling, security and other connected systems to improve everyday comfort and convenience. Wireless communication simplifies installation, making Wings well suited to refurbishment projects.

VISUALIZATION



WW202010

CENTER LINK - GATEWAY WINGS-WIFI

Allows a BUSing® radio system to be programmed and remotely controlled from the mobile application via the Ingenium server. This gateway communicates via radio with Wings devices and has Wi-Fi



INPUT-OUTPUTS



WA421110

WINGS MODULE 1 OUTPUT 10A

On/off actuator with one output with potential-free relay, with a breaking capacity of 10 A at 230 VCA. It can be used to control lights and/or any other type of electric charge with an operating voltage of 230 VAC.



WA482100

WINGS MODULE 2 INPUTS 1 TRIAC OUTPUT 2A

On/off actuator with 1 digital output with triac and a breaking capacity of 2 A at 230 VCA. It also has 2 230 VAC digital inputs for connecting push buttons/switches. It can be used to control lights and/or any other type of electric charge with an operating voltage of 230 VAC.



WA482200

WINGS MODULE 2 INPUTS 2 TRIAC OUTPUTS 2A

On/off actuator with 2 digital outputs with triac and a breaking capacity of 2 A at 230 VCA. It also has 2 230 VAC digital inputs for connecting push buttons/switches. It can be used to control lights and/or any other type of electric charge with an operating voltage of 230 VAC.



WA422210

WINGS MODULE 2 INPUTS 2 OUTPUTS BLINDS

On/off actuator with 2 digital outputs with triac and a breaking capacity of 2 A at 230 VCA. It also has 2 230 VAC digital inputs for connecting push buttons/switches. It can be used to control motorised blinds with an operating voltage of 230 VAC. It allows blinds to be controlled.



WA422200

WINGS MODULE 2 INPUTS 2 OUTPUTS LIGHTS

On/off actuator with 2 digital outputs with triac and a breaking capacity of 2 A at 230 VCA. It also has 2 230 VAC digital inputs for connecting push buttons/switches. It can be used to control lights and/or any other type of electric charge with an operating voltage of 230 VAC. Neutral connection.



WA453000

WINGS MODULE 3 INPUTS

A device with inputs, designed to be installed in mechanism boxes, behind switches and/or push buttons, and which allows the keys pressed to be converted into wireless BUSing® Radio commands. It can be used to distribute the installation or execute scenes. It has 3 low-voltage digital inputs.



DIMMERS



WD492100

WINGS UNIVERSAL 1-CHANNEL DIMMER MODULE

1-channel lighting dimmer with a maximum output power of 400 W. Suitable for incandescent or halogen lighting (with or without transformer) or LED with leading edge dimming. It has 2 inputs for control using a conventional button.



WD492200

WINGS UNIVERSAL 2-CHANNEL DIMMER MODULE

2-channel lighting dimmer with maximum output power of 400 W per channel. Suitable for incandescent or halogen lighting (with or without transformer) or LED with leading edge dimming. It has 2 inputs for control using a conventional button.



SENSORS



WS540000

WINGS RATE OF RISE SENSOR

Fire detector designed for installation in areas where smoke may be present, such as kitchens, garages, etc. It detects a fire based on the temperature rise that occurs in the room where it is installed. Device controlled through the BUSing® Radio home automation system.



WS520000

WINGS FLOODING SENSOR

Vertical contact flood detector that allows you to send alarm notices or cut off the supply of water according to programming. Device controlled through the BUSing® Radio home automation system.



WS510000

WINGS MOTION DETECTOR

Flush-mounted infrared 360° motion detector, for connection via BUSing® Radio, with a detection area of 5 m in diameter at a height of 2.5 m. It is possible to schedule desired events at the start and end of detection.



WS550000

WINGS MAGNETIC CONTACT SENSOR

Magnetic sensor for detecting the opening of doors or windows. It can be used for intrusion activation, climate control, etc. depending on the programming, as it is controlled by the BUSing® Radio home automation system.



ENERGY EFFICIENCY



WA460100

WINGS CONNECTED SOCKET

Allows a socket to be switched on and off for control via the BUSing® Radio home automation system. Direct connection to power outlet. It has a potential-free relay output to be connected to the voltage outlet of the device or lamp to be controlled.



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	WM012500	WINGS CONSUMPTION MODULE 1 CHANNEL 25A Allows one physical channel (max. 25A) to be controlled with the option of visualisation via Ingenium compatible BUSing® interfaces, as well as the option of setting one consumption alarm per channel. Allows you to view a weekly accumulated consumption graph. Programmable from the BUSING® SIDE development system.
		
WINGS-LO		
NOTE: All devices are also available for WINGS LO 915MHz		
	LW202010	CENTER LINK WINGS LO Bridge Wings Lo. Allows programming and remote control of a Wings Lo installation from the mobile application via the Ingenium server. This gateway communicates through the Wings Lo home automation system, which uses long-range wireless technology, with Wings Lo devices and features WiFi to connect to the installation's router or create a local access point.
		
	LA482100	ACTUATOR 2 INPUTS 1 OUTPUT WINGS LO Programmable ON/OFF actuator equipped with 1 triac digital output with a switching capacity of 2 A @ 230 Vac. It also features 2 digital inputs at 230 Vac for connecting external push-buttons/switches. It can be used for lighting control and/or any other type of electrical load with an operating voltage of 230 Vac. The device is controlled via the Wings Lo home automation system, which uses long-range wireless technology.
		
	LA482200	ACTUATOR 2 INPUTS 2 OUTPUTS WINGS LO Programmable ON/OFF actuator equipped with 2 triac digital outputs with a switching capacity of 2 A @ 230 Vac. It also features 2 digital inputs at 230 Vac for connecting external push-buttons/switches. It can be used for lighting control and/or any other type of electrical load with an operating voltage of 230 Vac. The device is controlled via the Wings Lo home automation system, which uses long-range wireless technology.
		
	LA453000	3 INPUTS MODULE WINGS LO Device equipped with input terminals, designed to be installed in flush-mounted boxes, behind switches and/or push-buttons, allowing the conversion of button presses into wireless commands via the Wings Lo home automation system, which uses long-range wireless technology. It can be used to distribute the installation or to execute scenes. It features 3 low-voltage digital inputs.
		
	LA422230	ACTUATOR 2 INPUTS 2 OUTPUTS PROGRAM WINGS LO Programmable ON/OFF actuator equipped with 2 potential-free relay outputs with a switching capacity of 10 A @ 230 Vac per output, with direct connection to BUSing® push-buttons. It also features 2 digital inputs at 230 Vac for connecting external push-buttons/switches. It can be used for lighting control and/or any other type of electrical load with an operating voltage of 230 Vac. It provides direct power supply to the connected BUSING® push-button/thermostat. The device is controlled via the Wings Lo home automation system, which uses long-range wireless technology.
		

	LD492100	UNIVERSAL DIMMER 1CH WINGS LO 1-channel lighting dimmer with a maximum output power of 200 W. The device is designed for LED lighting, but it also supports incandescent and halogen lighting, with or without transformers (excluding electromagnetic transformers). It features 2 inputs for control via conventional push-buttons. The device is controlled via the Wings Lo home automation system, which uses long-range wireless technology.
		
	LD492200	UNIVERSAL DIMMER 2CH WINGS LO 2-channel lighting dimmer with a maximum output power of 200 W per channel. The device is designed for LED lighting, but it also supports incandescent and halogen lighting, with or without transformers (excluding electromagnetic transformers). It features 2 inputs for control via conventional push-buttons. The device is controlled via the Wings Lo home automation system, which uses long-range wireless technology.
		
	LK112101	KIT 2 BASIC WHITE LIGHTS WINGS LO Light control kit. Combines a white capacitive button with two touch areas with bulb icons and a rear compact module to control two independent lighting systems. Includes button LP112101 and actuator LA422220.
		
	LK112201	KIT 2 BASIC BLACK LIGHTS WINGS LO Light control kit. Combines a black capacitive button with two touch areas with bulb icons and a rear compact module to control two independent lighting systems. Includes button LP112201 and actuator LA422220.
		
	LK112102	KIT 1 BASIC WHITE BLINDS WINGS LO Shutter control kit. Combines a white capacitive button with two touch areas with blind up and down icons and a rear compact module to manage opening and closing of a blind. Includes button LP112102 and actuator LA422220.
		
	LK112202	KIT 1 BASIC BLACK BLINDS WINGS LO Shutter control kit. Combines a black capacitive button with two touch areas with blind up and down icons and a rear compact module to manage opening and closing of a blind. Includes button LP112202 and actuator LA422220.
		
	LT422223	KIT TH BASIC WHITE HEATING WINGS LO Passive Heat/Cool control kit. Combines a white thermostat for temperature control of an independent zone and a rear compact module to manage heat and cold valves of the clima. Includes thermostat ING-CB-THB and actuator LA422220.
		
	LT422227	KIT TH BASIC BLACK HEATING WINGS LO Passive Heat/Cool control kit. Combines a black thermostat for temperature control of an independent zone and a rear compact module to manage heat and cold valves of the clima. Includes thermostat ING-CB-THN and actuator LA422220.
		

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	LT422222	KIT TL BASIC WHITE HEATING WINGS LO Heat/Cool control kit. Combines a white thermostat with LED indicators and 5 touch areas for controlling an independent climate zone and a rear compact module to manage heat and cold valves of the clima. Includes thermostat ING-CB-TLB and actuator LA422220.	
	LT422226	KIT TL BASIC BLACK HEATING WINGS LO Heat/Cool control kit. Combines a black thermostat with LED indicators and 5 touch areas for controlling an independent climate zone and a rear compact module to manage heat and cold valves of the clima. Includes thermostat ING-CB-TLN and actuator LA422220.	
	LT420422	KIT TL BASIC WHITE FANCOIL WINGS LO Speed control kit. Combines a white thermostat with LED indicators and 5 touch areas for controlling an independent climate zone and a rear compact module to manage 3 Fancoil speeds according to the assigned zone demand. Includes thermostat ING-CB-TLB and actuator LA420420.	
	LT420426	KIT TL BASIC BLACK FANCOIL WINGS LO Speed control kit. Combines a black thermostat with LED indicators and 5 touch areas for controlling an independent climate zone and a rear compact module to manage 3 Fancoil speeds according to the assigned zone demand. Includes thermostat ING-CB-TLN and actuator LA420420.	
	LS510000	MOVEMENT DETECTOR WINGS LO Flush-mounted 360° infrared motion detector for connection via the Wings Lo home automation system, which uses long-range wireless technology. Detection area of 5 m in diameter at a height of 2.5 m. Allows programming of desired events both upon detection and when the detection ends.	
	LS520000	FLOOD DETECTOR WINGS LO Vertical flood detector by contact that allows sending alarm notifications or cutting off water supply according to programming. Device controlled through the Wings Lo home automation system, which uses long-range wireless technology.	
	LS550000	MAGNETIC DETECTOR WINGS LO Magnetic sensor for detecting door or window opening. Can be used to trigger intrusion, control air conditioning, etc., according to programming, being managed through the WINGS LO home automation system with long-range wireless technology.	
	ING-BF1-L	POWER SUPPLY + GATEWAY WINGS LO ORIGEN DC power supply for BUSing installations (12V 5VA) with integrated gateway for communication between ORIGEN and WINGS LO devices. Reduced version for universal box. NOTE: Also available for WINGS LO 915MHz	

	ING-BF2-L	POWER SUPPLY DIN + GATEWAY WINGS LO ORIGEN Direct current power supply for BUSing installations (12V 5VA) with an integrated gateway for communication between Origen and Wings Lo devices. DIN rail version. NOTE: Also available for WINGS LO 915MHz	
	ING-BW-WINGS-LO	GATEWAY WINGS LO ORIGEN Gateway for connecting wired BUSing® devices with Wings Lo devices. Performs bidirectional conversion of commands sent to the various devices in a hybrid installation with both wired and wireless devices. Uses the Wings Lo home automation system, which employs long-range wireless technology. NOTE: Also available for WINGS LO 915MHz	

Zclim

Zclim provides zoned climate control, allowing temperatures to be managed independently in different areas of a building. Each zone adjusts automatically to suit its use, occupancy schedules and preferred settings, helping improve comfort while reducing unnecessary energy use and running costs.

The range integrates with BUSing and KNX systems without complex programming, simplifying installation and everyday control. Suitable for new-build and refurbishment projects, Zclim offers a flexible way to tailor heating and cooling to the needs of each space.

CENTRAL MODULES



BZ101000

MASTERCLIMA ZCLIM 8-ZONE CLIMATE CONTROL

This unit is responsible for facilitating the entire zoning process. Up to 8 underfloor heating zones, BUSing® and ZBUS connection, and independent hot/cold on-demand control.



BZ102000

MASTERCLIMA ZCLIM 4-ZONE CLIMATE CONTROL

This unit manages the entire zoning process. Up to 4 underfloor heating zones, BUSing® and ZBUS connection, and independent hot/cold on-demand control.



CONTROLLERS



BZ415500

FAN COIL ACTUATOR ZCLIM 5 OUTPUTS

Device for controlling a fan coil, allowing 3 speeds to be activated according to the demand of the assigned zone. It also has outputs to connect the 2 corresponding solenoid valves. Equipped with a connection to the ZBUS system.



BZ410100

FAN COIL ACTUATOR ZCLIM 2 OUTPUTS 0-10V

Device for controlling a fan coil, allowing its speed to be controlled using a 0-10 V signal according to the demand of the assigned zone. It also has outputs to connect the 2 corresponding solenoid valves. Equipped with a connection to the ZBUS system.



BZ200100

ZCLIM ACTUATOR FOR MOTORISED GRILLES

Device for controlling motorized grilles in order to zone the A/C. It has a micro-switch to select the zone ID. The device has an output to the grid motor and connection to the ZBUS system.



THERMOSTATS



BZ591610

CUBIC-TL ZCLIM - WHITE

Vertical white thermostat with integrated Wi-Fi module for managing Z-Clim systems via Ingenium apps for Android and iOS. Equipped with push buttons to raise and lower the temperature, a push button to turn the thermostat on/off, push buttons to switch between cooling and heating mode, and an additional button to connect the device to the Wi-Fi network



BZ591620

CUBIC-TL ZCLIM - BLACK

Vertical black thermostat with integrated Wi-Fi module for managing Z-Clim systems via Ingenium apps for Android and iOS. Equipped with push buttons to raise and lower the temperature, a push button to turn the thermostat on/off, push buttons to switch between cooling and heating mode, and an additional button to connect the device to the Wi-Fi network



BZ591210

CUBIC-TLZ FULL CONTROL ZCLIM - WHITE

White Z-Clim thermostat for controlling an air-conditioned zone. The zone ID is selected using the push buttons. It has an LED indicator to indicate the temperature. Equipped with push buttons to raise and lower the temperature, a push button to turn the thermostat on/off, push buttons to switch between cooling and heating mode



BZ591220

CUBIC-TLZ FULL CONTROL ZCLIM - BLACK

Black Z-Clim thermostat for controlling an air-conditioned zone. The zone ID is selected using the push buttons. It has an LED indicator to indicate the temperature. Equipped with push buttons to raise and lower the temperature, a push button to turn the thermostat on/off, push buttons to switch between cooling and heating mode



BZ591510

CUBIC-TLZ PARTIAL CONTROL ZCLIM - WHITE

White Z-Clim thermostat for controlling an air-conditioned zone. The zone ID is selected using the push buttons. It has an LED indicator to indicate the temperature. Equipped with push buttons to raise and lower the temperature and a push button to turn the thermostat on/off



BZ591520

CUBIC-TLZ PARTIAL CONTROL ZCLIM - BLACK

Black Z-Clim thermostat for controlling an air-conditioned zone. The zone ID is selected using the push buttons. It has an LED indicator to indicate the temperature. Equipped with push buttons to raise and lower the temperature and a push button to turn the thermostat on/off



BZ591110

CUBIC-TZ ZCLIM - WHITE

White Z-Clim thermostat for controlling an air-conditioned zone. The Zone ID is selected using the switches located on the rear of the device



BZ591120

CUBIC-TZ ZCLIM - BLACK

Black Z-Clim thermostat for controlling an air-conditioned zone. The Zone ID is selected using the switches located on the rear of the device



CLIMATE GATEWAYS



BZ632100

GATEWAY LG DOMESTIC Z-CLIM

Allows management from ZBUS protocol of ZCLIM of an LG air conditioning unit through a 2-wire cable connection.



BZ631100

GATEWAY MITSUBISHI Z-CLIM

Gateway for integration of MITSUBISHI ELECTRIC air conditioning system with ZCLIM control system. Connects to an indoor MITSUBISHI unit via direct cable connection (supplied with the gateway). Allows power on/off, mode setting, fan speed and setpoint temperature.





BZ630200

GATEWAY DAIKIN DOMESTIC Z-CLIM
Gateway for integration of DAIKIN air conditioning system with ZCLIM control system. Connects to an indoor DAIKIN unit via direct cable connection (supplied with the gateway). Allows power on/off, mode setting, fan speed and setpoint temperature.





BZ633100

GATEWAY MIDEA DOMESTIC Z-CLIM
Gateway that integrates MIDEA® air conditioning system with ZCLIM control system. Connects to a domestic MIDEA® unit via direct 2-wire cable connection.





BZ634100

GATEWAY PANASONIC Z-CLIM
Allows management from ZBUS protocol of ZCLIM of an indoor PANASONIC air conditioning unit, ECOi and PACi series, via direct 2-wire cable connection.





BZ635100

GATEWAY TOSHIBA Z-CLIM
Allows control from ZBUS protocol of ZCLIM of an indoor TOSHIBA air conditioning unit, through a direct 2-wire cable connection.



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