



HIGHLIGHTS 2025

INNOVATION, CONNECTIVITY & GROWTH

Shaping the Future of
Smart Technologies

The background of the lower half of the page is a dark, blurred image of a circuit board. A white marker has been used to draw a diagram on the board. The diagram consists of a large, irregular shape with several lines extending from it. The text "RE1 max 8A TOTAL" is written in the upper left area of the diagram, and "COM RE1" is written in the lower right area. The overall tone is professional and technical.



Dear Customers, Friends, and Members of the ELKO EP Family,

As every year, we bring you our Highlights, providing an overview of not only new products from the past year but also developments in manufacturing, R&D, and the entire ELKO EP holding.

Although we introduced several new products, the past year was mainly about enhancing not just the products themselves but also software, firmware, applications, and refining weak points overall. Our focus was to make the iNELS system simple for installers during setup and installation while ensuring efficient operation for users—achieved through design, connectivity, and construction improvements.

We are proud of our unique solution—the iBUS plugin module, which allows iNELS to be controlled directly from Inspinia touch panels via the powerful SkyThing platform. We also successfully expanded our wireless hotel room retrofit solution, “HRESK”, which was installed in 16 hotels last year.

We haven't forgotten about our relays, which have been greatly improved with Web browser-based remote control capabilities.

We believe you will be extremely satisfied with our products and solutions—because your work plays a key role in this innovation cycle!

Jiří Konečný
Zakladatel, majitel a jednatel společnosti

General & Production news



From strategic moves to factory floor innovations, here's everything happening inside ELKO right now.

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Relays



Updates from Relays that connect, control, and protect with confidence

11

iNELS BUS



Explore what's new, what's improved, and what's ahead for iNELS BUS solutions.

30

Events of 2025



A roundup of key events, exhibition happening in our journey through 2025.

10

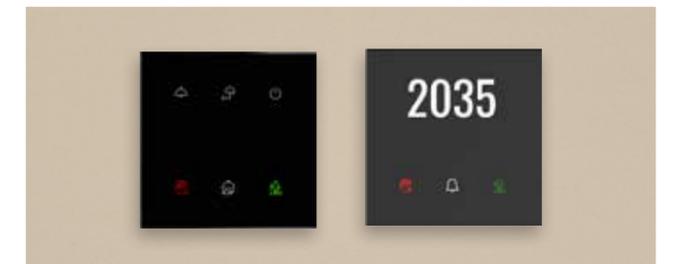
Wireless



No wires, no hassle — just intelligent wireless control at your fingertips.

20

Hospitality



Hospitality reimaged with intelligent systems that elevate guest experience and energy efficiency.

45

ELKO EP Expands into Qatar:

A New Hub for Innovation

ELKO EP proudly announces its new Qatar branch, strengthening its presence in the Middle East. This strategic expansion enhances support for partners, integrators, and clients with advanced automation solutions.

Why Qatar?

With Qatar's growth in smart infrastructure and energy-efficient solutions, demand for iNELS automation, relays, and BMS is rising, especially in hospitality, commercial, and industrial sectors.

Future Vision

ELKO EP aims to build long-term partnerships and contribute to sustainable, intelligent buildings. The team will collaborate with industry leaders and developers to integrate smart automation into diverse projects.

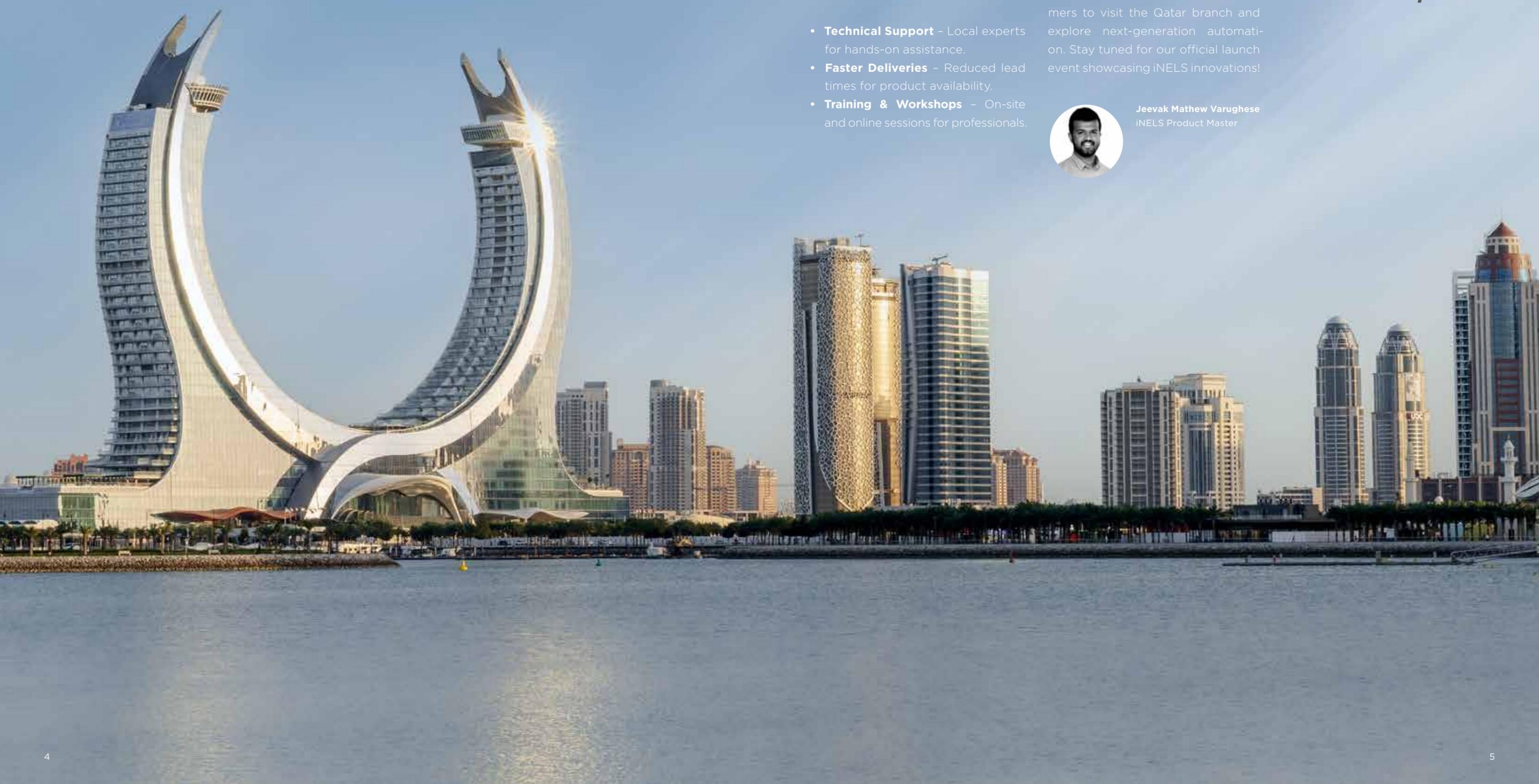
What We Offer

- **Technical Support** - Local experts for hands-on assistance.
- **Faster Deliveries** - Reduced lead times for product availability.
- **Training & Workshops** - On-site and online sessions for professionals.

We invite our partners and customers to visit the Qatar branch and explore next-generation automation. Stay tuned for our official launch event showcasing iNELS innovations!



Jeevak Mathew Varughese
iNELS Product Master



ELKO EP's Digital Footprint



LinkedIn: Smarteast

Smarteast has gained traction among industry professionals, boasting **1,176 subscribers** who engage with insights into smart automation, IoT advancements, and strategic partnerships.



Podcast: ELKO Backstage

Our newly launched ELKO Backstage podcast provides an exclusive look into the inner workings of ELKO EP. Through

Where to Listen?



Available on Spotify and Apple Podcasts



Video-enhanced episodes on YouTube (with a slight delay)

Join us as we bring the stories behind ELKO EP's success to life! engaging interviews with employees, listeners gain firsthand knowledge of our most innovative projects, challenges, and inspirations that shape our company.



Instagram: Lights, Camera, Action! ELKO EP Collaborates with Influencers Ina & Elsa

ELKO EP has teamed up with Czech influencers Ina & Elsa to bring home automation closer to everyday users through an engaging Instagram video campaign. These collaborations showcase smart living solutions in a relatable, stylish, and interactive way, resonating with homeowners, tech enthusiasts, and interior design lovers.

Why It Matters?

Ina & Elsa guide their followers through smart home transformations, featuring iNELS automation solutions. The campaign has sparked discussions and engagement, with followers sharing their own smart home aspirations. Exciting giveaways feature ELKO EP products, encouraging participation and community interaction.

Follow us on Instagram (@elko-ep_official) to stay updated and be part of the smart home revolution!



Empowering Installers & System Integrators: ELKO EP Launches Technical Support YouTube Channel & eLearning Platform

At ELKO EP, we believe that knowledge is the key to innovation. To support installers, system integrators, and automation professionals, we have launched a dedicated Technical Support YouTube channel and an advanced eLearning platform at elearning.inels.com. These platforms provide a comprehensive learning experience, helping users master ELKO EP's wired and wireless systems, relays, and the latest integrations.

What's Available on Our YouTube Channel?

Our Technical Support YouTube Channel serves as a go-to resource for:

- Live Video Manuals: Step-by-step guides on installation, configuration, and troubleshooting of iNELS systems.
- Product Tutorials: Detailed breakdowns of wired and wireless solutions, relays, and integration methods.
- Latest System Integrations: Learn how to connect iNELS with third-party platforms, including BMS, voice assistants, and security systems.
- Tips & Best Practices: Expert insights to optimize system performance and installation efficiency.

eLearning Platform - Your Smart Training Hub For professionals who prefer structured learning, elearning.inels.com offers:

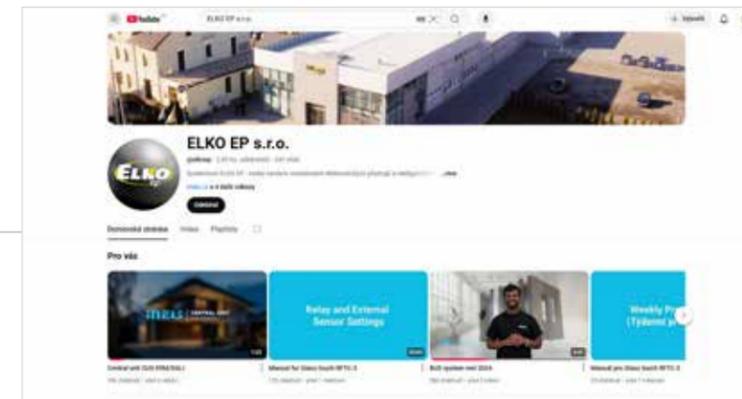
- Interactive Courses: Covering iNELS Bus & Wireless, lighting control, HVAC automation, and GRMS solutions.
- Hands-On Training Modules: Designed for both beginners and experienced installers.
- Certification Programs: Validate your expertise and become an ELKO EP Certified Installer.
- Q&A and Troubleshooting Forums: Connect with our technical experts and fellow professionals.

Why It Matters?

By offering on-demand learning and live technical support, ELKO EP ensures that every installer and system integrator is well-equipped to deliver the best automation solutions to their clients. Whether you're looking for a quick installation tutorial or an in-depth certification course, we've got you covered.

Start Learning Today!

Subscribe to our YouTube Channel for the latest video manuals! Sign up at elearning.inels.com and elevate your skills!



Your Ultimate iNELS Knowledge Hub: **wiki.inels.com**



ELKO EP is excited to introduce wiki.inels.com, the official iNELS knowledge base designed to support installers, system integrators, and automation professionals. This comprehensive online resource serves as the go-to platform for everything related to iNELS systems, installation, programming, and integrations.

What's Inside wiki.inels.com?

- **System Overviews:** Detailed descriptions of iNELS wired and wireless solutions, relays, and automation devices.
- **Installation Guides:** Step-by-step instructions for setting up and configuring ELKO EP products.
- **Programming & Configuration Manuals:** Learn how to program iNELS systems using iDM (iNELS Design Manager) and integrate with third-party platforms.
- **Integration Manuals:** Find best practices and API documentation for connecting iNELS with BMS, voice assistants, security systems, and smart home platforms.
- **Software & Firmware Downloads:** Access the latest updates, drivers, and tools for seamless system performance.

Why Use wiki.inels.com?

- **Centralized Resource:** No more searching through scattered documents—everything you need is in one place.
- **Always Up-to-Date:** Regularly updated with the latest product releases, software updates, and troubleshooting tips.
- **Accessible Anytime, Anywhere:** Whether you're in the office, on-site, or working remotely, instant access to vital information is just a click away.
- **Community & Support:** The platform is continuously improved with contributions from ELKO EP's experts, ensuring accurate and reliable content.

Your Digital Handbook for iNELS Automation

wiki.inels.com is designed to simplify your workflow, enhance your technical expertise, and ensure seamless installations and integrations. Whether you're an experienced integrator or new to iNELS, this platform is your digital handbook for automation success.



Visit wiki.inels.com today and explore the world of iNELS like never before!

TECHNOLOGYNEWS /

/laserline

This is a new production line for laser marking of products. Compared to the previous lines, it offers higher speed and can mark not only plastics but also metals and the back-painted surfaces of our glass products. Precise targeting and print setup are carried out using camera-based inspection.



/solderingline

Expanded the portfolio of soldering technologies at ELKO EP. It is intended for spot soldering with lead-free tin using two independent sets of soldering nozzles. This will allow us, in combination with other soldering technologies, to increase production efficiency and quality.



/uvprinter

It is used for printing the color logo of certain OEM customers using UV-cured inkjet printing. Compared to the original Tampoprint, it has significantly increased our efficiency due to the ability to perform bulk printing, as well as improved the print quality. At the same time, the device also brings a considerable environmental benefit, as it completely eliminates the need for synthetic inks and cleaning gents, which were hazardous to the environment.





Architectural building week 2025 Bulgaria

26th-29th March
Sofia, Bulgaria



We cordially invite you to the Architectural building week exhibition in Bulgaria, held at the Inter Expo Center in Sofia. The exhibition focuses on system integration, digital signage, smart home and smart building technologies.



Hannover Messe 2025

31st March-4th April
Hannover, Germany



We cordially invite you to the Hannover Messe 2025 exhibition, held at the Hannover exhibition center from 31st March to 4th April. The exhibition is generally focused on electrical engineering and everything connected with it.



Middle East Energy 2025

7th-9th April
Dubai, UAE



We cordially invite you to the Middle East Energy exhibition, held at the Dubai World Trade Centre from 7th to 9th April. The exhibition is generally focused on electrical engineering and everything connected with it.



2025 HTNG Connect: Asia-Pacific Conference

8th-10th April
Bangkok, Thailand



We cordially invite you to the Architectural building week exhibition in Bulgaria, held at the Inter Expo Center in Sofia. The exhibition focuses on system integration, digital signage, smart home and smart building technologies.



Del Mar Electronics & Manufacturing show

23rd-24th April
San Diego, California



The Del Mar Electronics & Manufacturing show will occur from the 23rd to the 24th of April in the Californian city of San Diego.



Smart Home Expo 2025 India

8th-10th May
Mumbai, India



We cordially invite you to the Smart Home Expo 2025 exhibition, from 8th to 10th May at the Jio World Convention Centre in Mumbai, India.



Project Qatar

26th-29th May
Qatar
Stand H2, G10, Doha Exhibition and convention center



Project Qatar 2025 returns as the leading international construction and building materials exhibition in the region, showcasing cutting-edge innovations and sustainable solutions that are shaping Qatar's path to a sustainable future. Taking place from 26 to 29 May 2025 at the Doha Exhibition and Convention Center (DECC), this year's edition aligns with Qatar National Vision 2030, focusing on the theme of "Innovation & Sustainability: Qatar's Path to 2030."

RELAYS

Reliable. Seamless. Secured.

Discover your reliable solution for precise control, automation, and protection of electrical systems. Experience efficient switching, energy savings, and seamless smart integration for homes and industries. With proven dependability and a wide range of products, they enhance safety, convenience, and performance.



Commercial and residential lighting under control

- DALI**
DALI bus
- 1-10 V
interface
- 9 functions
- 2 000 VA
- Universal
dimming
- Flexible
control modes

Looking for a reliable and universal lighting control solution? The DIM-7 dimmer is here for you! This powerful dimmer combines cutting-edge technology with simple operation and offers incredible flexibility. Whether it's for offices, commercial space or demanding industrial applications, the DIM-7 can handle it all - from classic bulbs to modern LED fixtures.

The DIM-7 is more than just a dimmer - this smart, versatile, and future-proof solution redefines modern lighting control. Combining advanced technology, intuitive design, and robust performance, it transforms how you manage light. Whether upgrading an existing system or designing something new, this innovative device delivers the perfect blend of reliability, loadability, and ease of use. Discover the next level of lighting control - your light, your way.

other features

- **Universal dimming:** Controls all types of light sources - incandescent bulbs, halogen bulbs, low-voltage halogen fixtures (with wound or electronic transformers), dimmable energy-saving bulbs, and dimmable LED fixtures.
- **Load distribution:** Ability to distribute loads across different phases when controlling multiple DIM-7 dimmers together.
- **Comprehensive protection:** Electronic protection against current overload, short circuit, and thermal overload ensures long lifespan and safety.
- **Clear status indication:** LED indicators of operating states - power supply, fault states (overheat), and programming modes for easy setup.

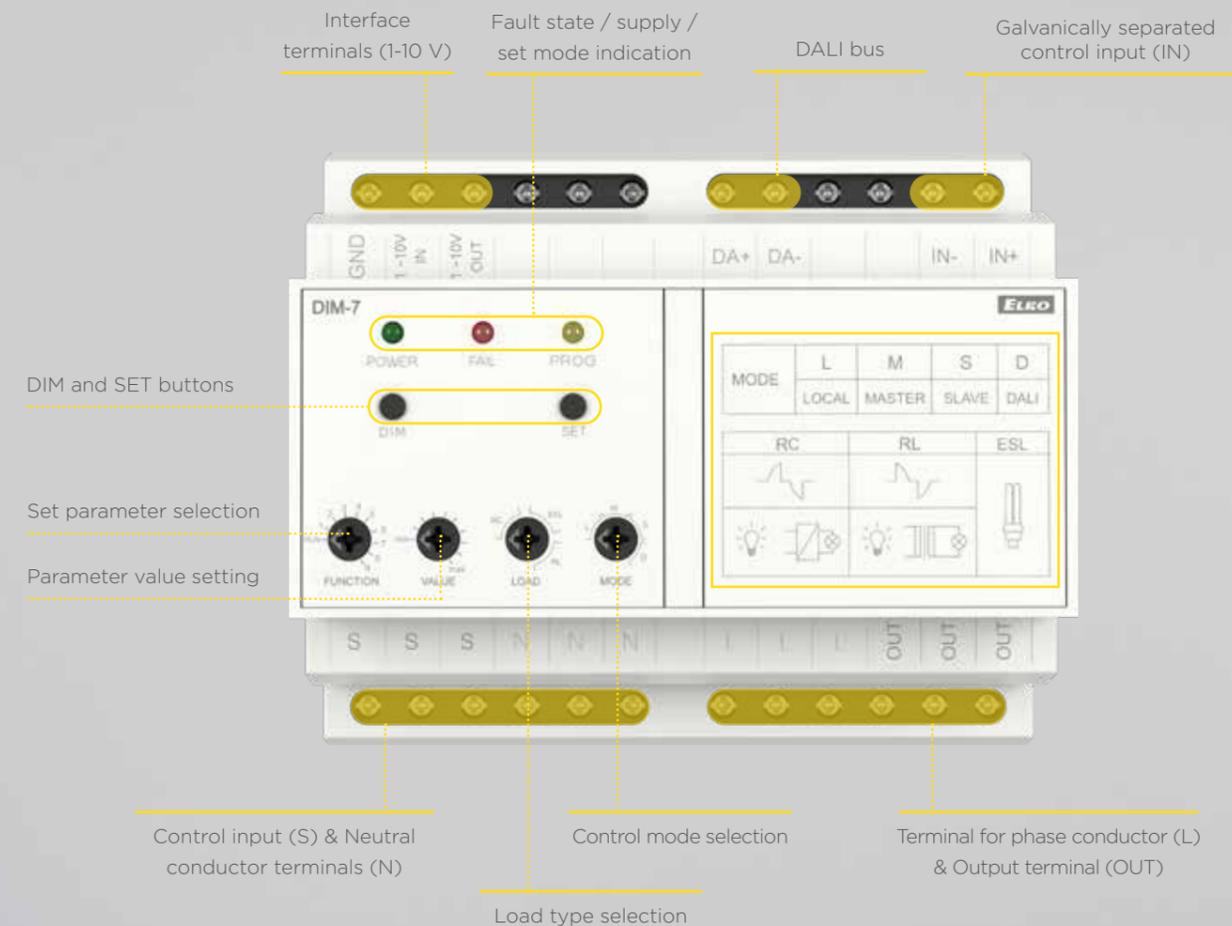
functions

- Minimum brightness
- Maximum brightness
- Preheat
- Dimming curve
- Dimming speed
- Dim-up and dim-down time for input **S**
- Dim-up and dim-down time for input **IN**

More about **DIM-7** >



Universal Power Dimmer DIM-7



Application Scenarios



Restaurants and cafés
Creating a welcoming atmosphere for guests by adjusting lighting.



Hotels and wellness centers
Setting relaxing lighting in rooms, reception areas, or spa zones.



Architectural lighting
Dynamic lighting for facades, bridges, or monuments.



SMR-B-SL

Multifunction
Time Relay



The SMR-B-SL is a multifunction time relay for mounting inside the installation box (e.g. KU68), with screwless terminals - which makes installation easier, quicker and saves space in the box. It turns ON the connected load for a set time based on the selected function and then turns it OFF. It is also suitable for switching inductive and capacitive loads (e.g. LED lights).

Functions

- SINGLE SHOT rising edge, programmable
- OFF DELAY 0
- SINGLE SHOT falling edge
- FLASHER - ON first with Control Signal
- ON/OFF DELAY 3
- ON DELAY with Control Signal 2
- ON/OFF DELAY 4
- MEMORY LATCH with Delay
- FLASHER - OFF first with Control Signal
- ON DELAY with Control Signal

Use & other main features

Stairs switch	Ventilation	Time range 100 ms - 10 days	Galvanically separated input AC/DC 12 - 230 V	Rated output 10 A, AgSnO ₂	Choose from 10 functions	4-wire connection	Shock resistant terminals



Web Remote Control



This service allows you to connect our supported devices to our servers in the data center using a unique key, enabling Web Remote Communication without the need for a public IP address assigned by your internet provider, which is often chargeable.



NO CLOUD

No stress, your data is not saved anywhere



SECURED

Unique 8-digit pairing key



NO APP

No application needed

Thanks to this, you can easily control your device and adjust its settings from anywhere in the world - simply, securely, and without complications.

Check our quick animation of how it works:



Easy setup in 5 steps

- 1** Connect your device to your router and thus internet network
- 2** Copy unique key
- 3** Join wrc.elkoep.com
- 4** Enter the key
- 5** All done



Church bells



Irrigation



Gates

You'll find supported devices on the next pages - time switches, twilight switch and thermostat.

SHT-14



Multifunction time switch with Wi-Fi connection



Are you looking for a reliable and versatile solution for automatically controlling lighting, heating, or other devices? Our time switches are the perfect choice! With its astronomical program and the ability to set up 200 time programs, you'll achieve precise, maintenance-free control without the need for constant changes.

1-module
1-channel
Power supply: AC 110 - 230 V
Web setup only (no display)
Backup for 25 hours (rechargeable capacitor)
No buttons, no display

SHT-13



Multifunction digital time switch with Wi-Fi connection



These time switches are ideal for outdoor lighting, irrigation, heating systems, and many other applications. With mounting on DIN rail and option of Wi-Fi setup and control it becomes an indispensable tool in your home, office, or industrial facility. Discover a new level of comfort and energy savings with our smart solution for every day.

2-module
2-channel
Power supply: AC/DC 24 - 240 V
Web & manual setup (via display and buttons)
Backup for approx. 6 months (exchangeable battery)



SOU-13/1

Digital twilight/light switch with time switch

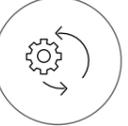
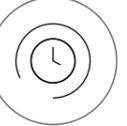


The twilight/light switch is used to automatically control connect load (e.g. lighting) according to the set switching logic and ambient intensity level, which is measured by an external sensor. Thanks to the integration of the time switch, it is possible to limit the function of the twilight switch or change the set brightness level to which the output should respond in real time.



SKS-200	
Brightness range	1-50 000 lx
Max. cable length	50 m
Screwless connection	✓

Other main features and benefits

- 
All programs (daily, weekly, yearly and astronomical)
- 
Weekly astronomical program with night breaks
- 
Simple setting after the first start-up
- 
Built-in web server for setup and control via Wi-Fi
- 
Doesn't require a router or internet connection for setup
- 
Control device via internet over the world using WRC
- 
Time synchronization through NTP server
- 
Create backups and transfer them to new devices



TER-13/2

Digital thermostat with time switch



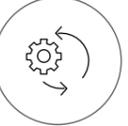
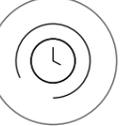
The thermostat uses its external NTC sensors to measure temperature and based on selected function control connected load. Thanks to the integration of the time switch, it is possible to limit the function of the thermostat or change the set temperature to which the output should respond in real time.



Sensor TZ	
Temperature range	-40 ... 125°C
Insulation	silicone (unshielded)
Ending	stainless steel

Sensor TC	
Temperature range	-20 ... 80°C
Insulation	PVC (unshielded)
Ending	polyamid

Other main features and benefits

- 
Daily, weekly, yearly program
- 
Two thermostats in one device
- 
Simple setting after the first start-up
- 
Built-in web server for setup and control via Wi-Fi
- 
Doesn't require a router or internet connection for setup
- 
Control device via internet over the world using WRC
- 
Time synchronization through NTP server
- 
Create backups and transfer them to new devices



WIRELESS

iNELS Wireless — a system designed to simplify smart living without the need for complex wiring. Enjoy seamless control of lighting, heating, security, and more — all with quick installation, minimal disruption, and maximum comfort. It's smart technology, made effortless.



RFWB-20/40B

On-wall button controller



These controllers are like the remote controls you always dreamed of but never knew you needed! Whether it's lights, blinds, or your garage door, with just a tap, you're the master of your smart domain. Plus, with their sleek design and five-year battery life, these little guys are here for the long haul—because convenience should never go out of style!



RFWB-20B

RFWB-40B



Flexible Functions

Controls ON/OFF, dimming, time-switching, blinds, and more.

Scene Control

Trigger light scenes with a single press.

Premium Design

In LOGUS⁹⁰ switch frame design.

Easy Pairing

Simple setup with the built-in pairing button.

Use Home Protocol

RFDEL-76M

universal dimmer,
6 channels



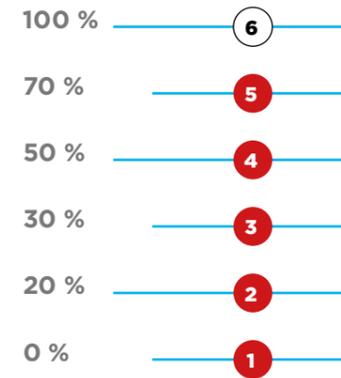
Meet the RFDEL-76M—the dimmer that doesn't just dim, it dazzles! With six channels of brightness-controlling magic, it's like having a personal lighting DJ for your home. Whether you're setting the mood or battling flickering lights, this little genius ensures every room shines just the way you want.



RFSLT-S3

Precision in Liquid
Level Monitoring

The RFSLT-S3 isn't just a sensor; it's the lifeguard your tank always needed! Measuring hydrostatic pressure with pinpoint accuracy, it keeps tabs on your liquid levels while chatting wirelessly with your smart home. Whether it's monitoring levels or reminding you about battery life, this sensor stays cool under pressure—literally!



Dimming Control

Adjusts brightness for R-L-C-LED-ESL sources, max load 150 VA (230 V) or 75 VA (120 V) per channel.

Parallel Channels

Combine channels to increase load capacity, reducing output usage.

Independent Control

Each channel is separately addressable and controllable.

Flicker Free

Minimum brightness settings eliminate flickering across light sources.

Safety & Inputs

Overcurrent, thermal, and short-circuit protection with 6 galvanically isolated inputs for wired control.

Precise Measurement

Tracks liquid levels using hydrostatic pressure.

Durable Design

IP65-rated plastic unit with a stainless steel probe and 3m/9m cable options.

Wireless Connectivity

RFIO2 communication with 200m range in open space.

Smart Integration

Compatible with eLAN-RF-103 and iNELS app for level, pressure, and temperature monitoring.

Easy Setup

Configurable via Bluetooth using the iSonda app on Android/iOS.

Battery Powered

Runs on a SAFT LS14500 (AA) 3.6V lithium battery.

iNELS Wireless

Expand many solutions

As you know, our iNELS Wireless are not „Chinese toys“ that you plug into a socket or screw bulb into a light. They can form a truly primary electrical installation in many ways. You can find out in this microsite: expand.inels.microsite





Kit	Simple	Focused On
WHAT		
Do you want to control your pump remotely? Do you want to dim the lamp in the living room?	Fast and efficient electrical wiring solutions, especially for building or furniture interior modifications. A typical example is moving a light switch from behind a cupboard or adding a light above a desk in a child's room.	Focused on specific use cases. For example, a zone thermostat for controlling different heaters or controlling lighting objects via DALI.
INSTALLED BY		
Hobby Man	Electrician	Electrician Maintenance servisman
DISTRIBUTED BY		
DIY, Retailers, e-commerce	Wholesalers	Wholesalers
OUR BENEFITS		
Direct support Extension possibility	Upgrade to Smart Home	All features in one devices = cost saving.

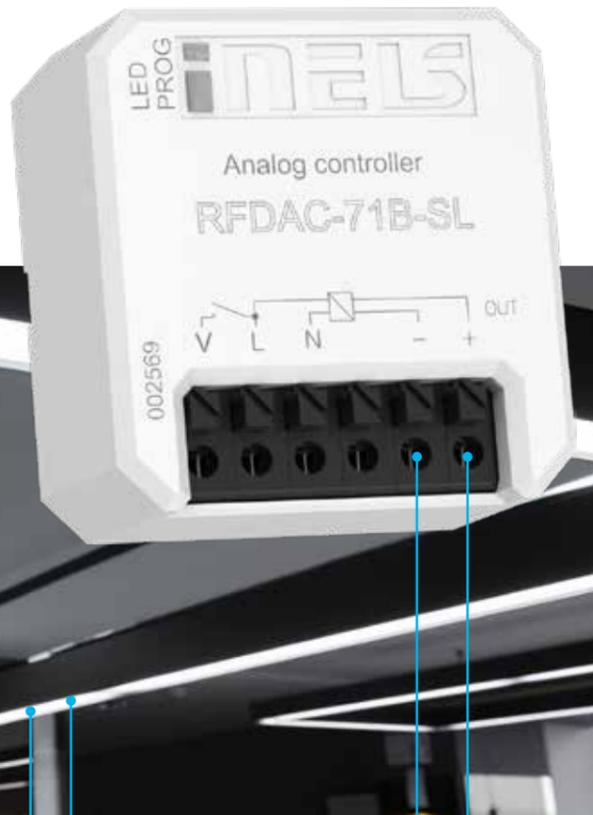




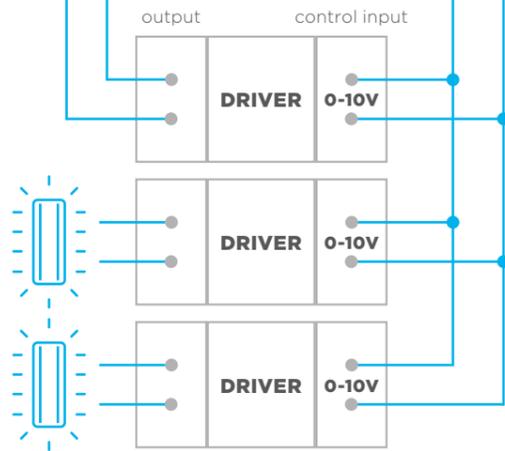
Smart Home	OEM / Brandlabeling	Hotel
WHAT		
Complete electrical installation for smart home, appliance control, dimming lights, heating control, security and cameras = all in the one app.	Brandlabeling - the possibility of putting your own logo on products OEM - embedding the product in your own equipment - manufacturers of blinds, lights, heaters ...	Hotel Room retrofit (GRMS, Hospitality)
INSTALLED BY		
System integrators	Original equipment manufacturers Machinery manufacturers	System integrators
DISTRIBUTED BY		
Local distributors	Negotiation directly with us	Authorized distributors
OUR BENEFITS		
different wireless products, including DIN-rail units for panel mounting. Integration in to the 3th parties. Design controllers with many options.	Price level, customisation, R&D flexibility, speed of delivery	Unique solution Cost effective Fast installation HRS software MQTT integration

RFDAC-71B-SL

Smooth Analog Control at Your Fingertips



Who knew controlling luminaires and thermal devices could be this smooth? The RFDAC-71B-SL takes analog output to the next level with its 0(1)-10V charm, 7 light functions, and memory for power outages—because even controllers deserve a good backup plan. Mount it in a box, ceiling, or light cover, and let it do the heavy lifting while you take all the credit!



Output

0(1)-10V for lights, actuators, and thermostatic heads.

Switching

8A potential-free relay contact.

Lighting

7 functions with dimming (2-30 s).

Control

Supports 25 channels.

Installation

Compact BOX design, 200m range, extendable with RFRP-20N.

HOME

Professional solutions for a simple transition to a wireless smart home.





Mini Bridge MB-1 True WiFi killer

WiFi devices overload your network and cause signal drops. In the iNELS HOME ecosystem, controllers and actuators operate via subgiga



Gateway Mini Bridge MB-1

- Smallest Smart Home HUB
- WiFi-connected relay & bridge
- Supports up to 20 devices

Actuators OS-1 / DS-2

- Multiple switching functions
- Screwless terminal design
- Professional radio frequency

Dimmer DIM-1

- Smooth LED dimming
- Preset light functions
- Soft-start system

Shutters and blinds Actuator SB-2

- Built-in function for tilting the slats
- Blocking of current switching
- Preset movements to the end positions



Controllers TB-2, FB-4, Key Fob KF-4

- Battery-powered design
- 2-/4-button & key fob options
- App control via HUB

Inputs IN-4

- Universal input converter
- Plug-and-play installation
- Supports multiple commands

Detectors PIR PD-1 / Window-Door WDC-1

- Wireless detection
- Real-time alerts
- Battery status indicator



Applications & Integration:

All devices work together in a unified ecosystem—whether directly communicating between each other without a HUB or connected via the Mini Bridge for remote control and cloud integration. Benefit from customizable group scenarios, pre-installed smart functions, timing controls, and push notifications that keep you updated on your home's status.

BUS

Discover how iNELS BUS is transforming spaces with intelligence and efficiency — offering centralized control, smart automation, and seamless integration for lighting, HVAC, shading, and security. Designed for comfort and energy savings, it's the smart choice for modern buildings and beyond.



Retrofit Hybrid Solution

Upgrade your Smart Home or building automation with **IBWL3** where wireless innovation meets robust wired control.



up to 8 devices



automation logic



80 meters

The IBWL3 is the latest innovation in the iNELS portfolio, designed to connect wired and wireless automation systems effortlessly. This hybrid solution ensures a smooth transition between traditional BUS installations and modern wireless technologies, offering unparalleled flexibility for both residential and commercial applications.

Hybrid Approach to Smart Automation

With the increasing demand for scalable and retrofit-friendly automation, IBWL3 acts as the perfect bridge between wired iNELS BUS systems and wireless RF technology. This enables home owners, building managers, and integrators to expand their existing setups without the need for major rewiring or infrastructure changes.

- **Seamless Integration:** Connects iNELS BUS and wireless RF controllers, ensuring a unified automation experience.
- **Scalability:** Ideal for expanding smart systems in hotels, offices, and residential properties.
- **Remote Control & Monitoring:** Enables centralized control via the iNELS mobile app and cloud-based solutions.
- **Energy Efficiency:** Optimizes lighting, HVAC, and security automation, reducing energy consumption and enhancing comfort.





The Future of Smart Lighting and Building Automation: CU3-09M/Dali

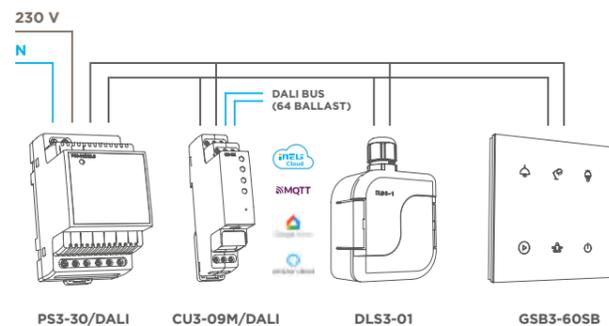
features

- The CU3-09M/DALI is equipped with one BUS and one DALI interface, ensuring efficient communication and integration with both wired and Dali 2 lighting systems.
- Seamless DALI Control: Enables precise control over individual or grouped DALI-2 compatible luminaires, supporting dimming, scene setting, and color adjustments based on occupancy or daylight levels.
- Enhanced BUS Connectivity: Facilitates communication with iNELS BUS modules, allowing centralized control of lighting, HVAC and other smart building elements.
- Designed for integration with iNELS BUS and wireless systems, it provides flexibility for expanding automation requirements in commercial and residential projects.
- By optimizing lighting based on occupancy and ambient light conditions, it contributes to significant energy savings and sustainability efforts.
- Compatible with iNELS cloud solutions, the CU3-09M/DALI enables real-time monitoring, control, and automation through mobile applications and BMS platforms.
- Supports seamless 3rd Party integration using the MQTT protocol, enabling interoperability with various BMS platforms, and IoT solutions.
- Integrates effortlessly with popular voice assistants like Google Assistant and Amazon Alexa, allowing users to control lighting and automation functions through voice commands.

The latest innovation from iNELS, the CU3-09M/DALI, redefines intelligent building control with its cutting-edge features and seamless integration capabilities. This central unit is designed to bridge the gap between modern lighting control and advanced automation systems, making it an essential component for smart buildings, hotels, and commercial spaces.

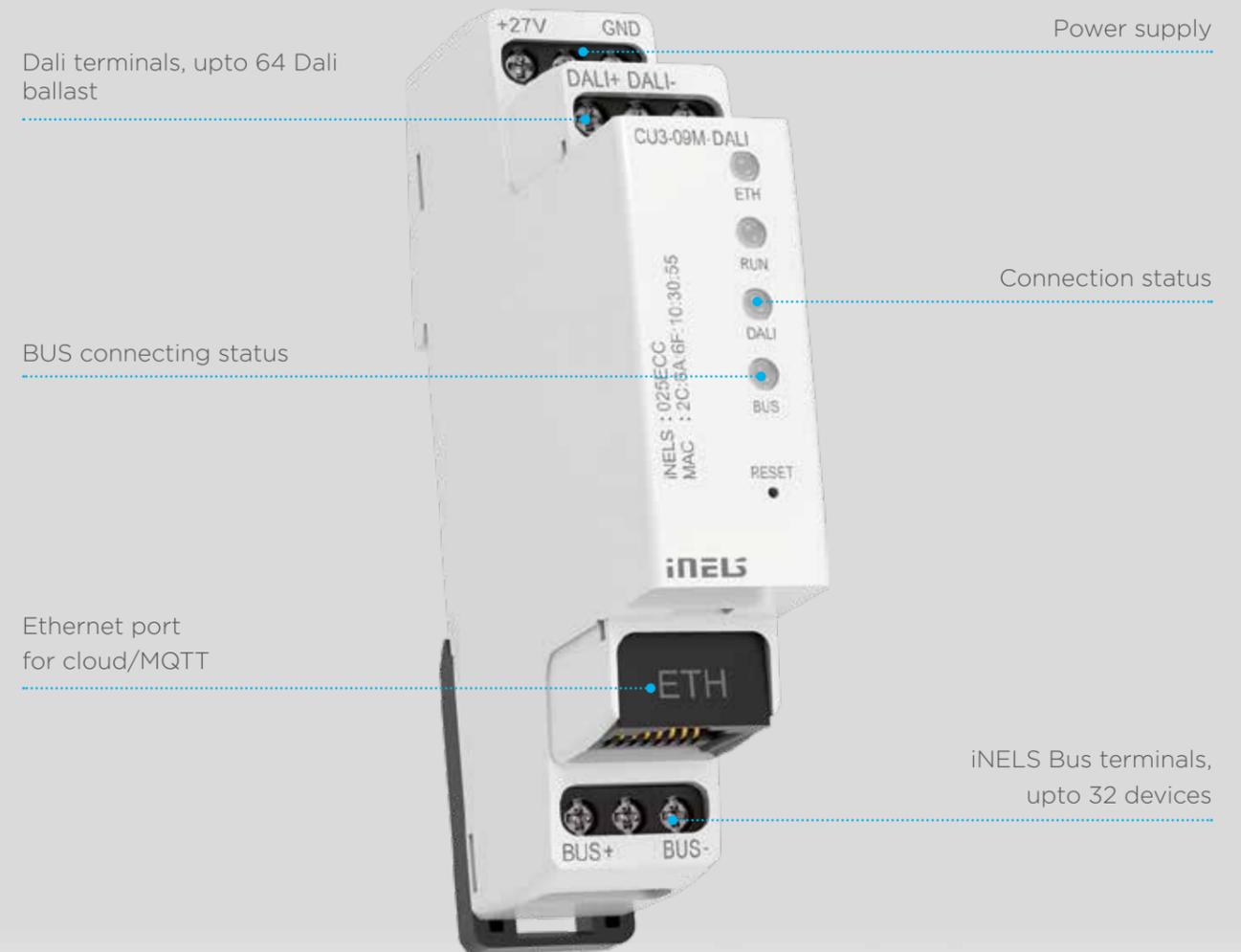
Application Scenarios

- Hotels & Hospitality: Manage room lighting scenes, integrate with GRMS improve energy efficiency.
- Office Buildings: Automate lighting schedules, daylight harvesting and occupancy-based control.
- Commercial Spaces & Retail: Dynamic lighting control, and reduce operational costs through smart automation.
- Residential Projects: personalized lighting control, enhanced comfort, and effortless automation.



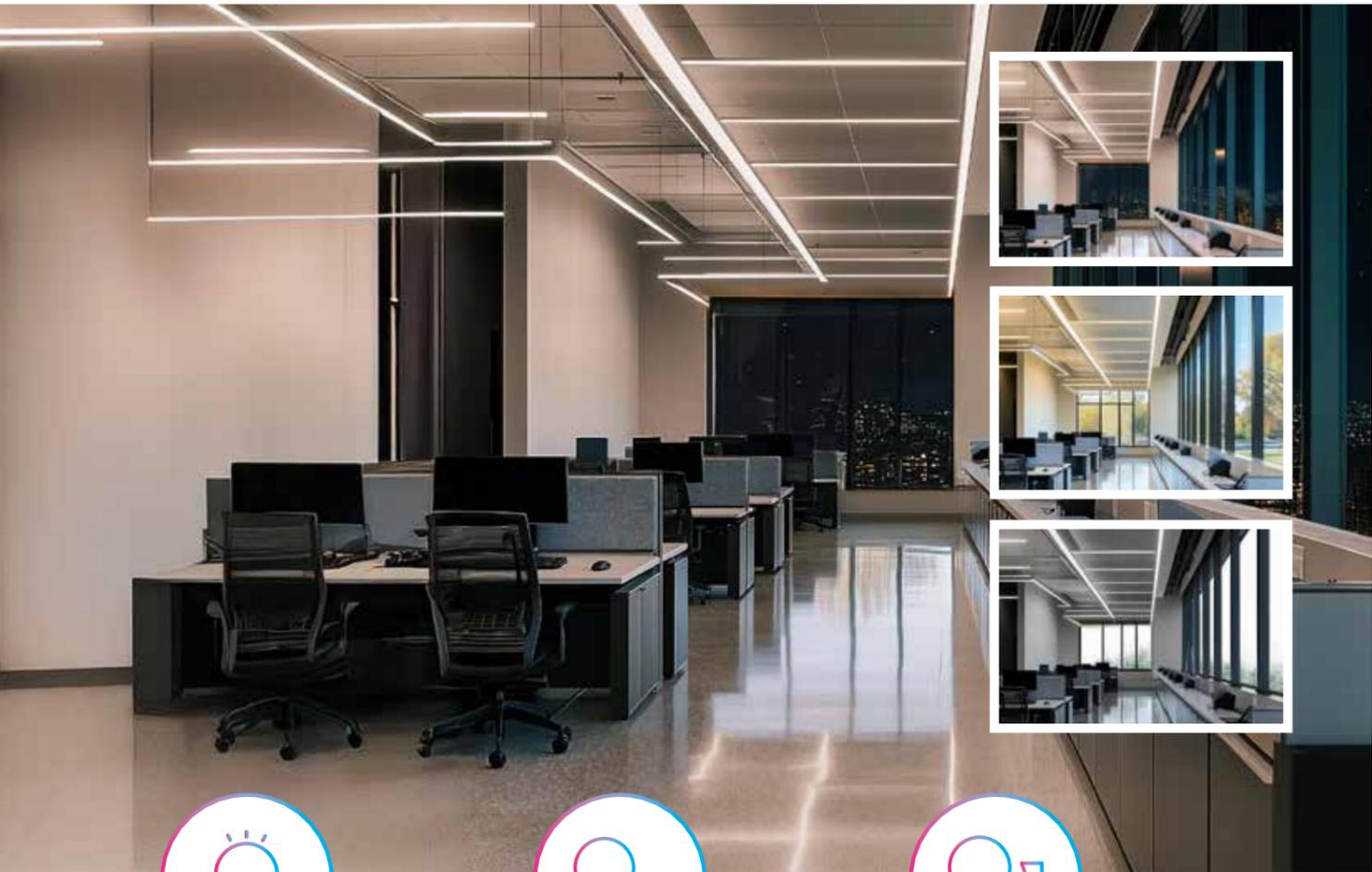
EXPLORE EVERY DETAIL

Central unit with 1x BUS, 1x DALI



Human Centric, Lighting Control

Human Centric based control uses sensors to adjust artificial lighting based on ambient light, ensuring consistent illumination. This optimizes energy use, reduces eye strain, and enhances comfort in spaces like offices.



Energy Efficiency

By adjusting lighting based on ambient conditions, this control system reduces unnecessary energy use, leading to cost savings and environmental benefits.



Consistent Illumination Levels

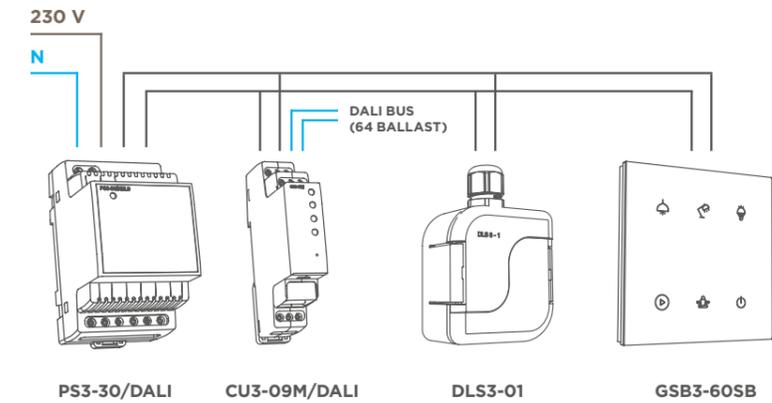
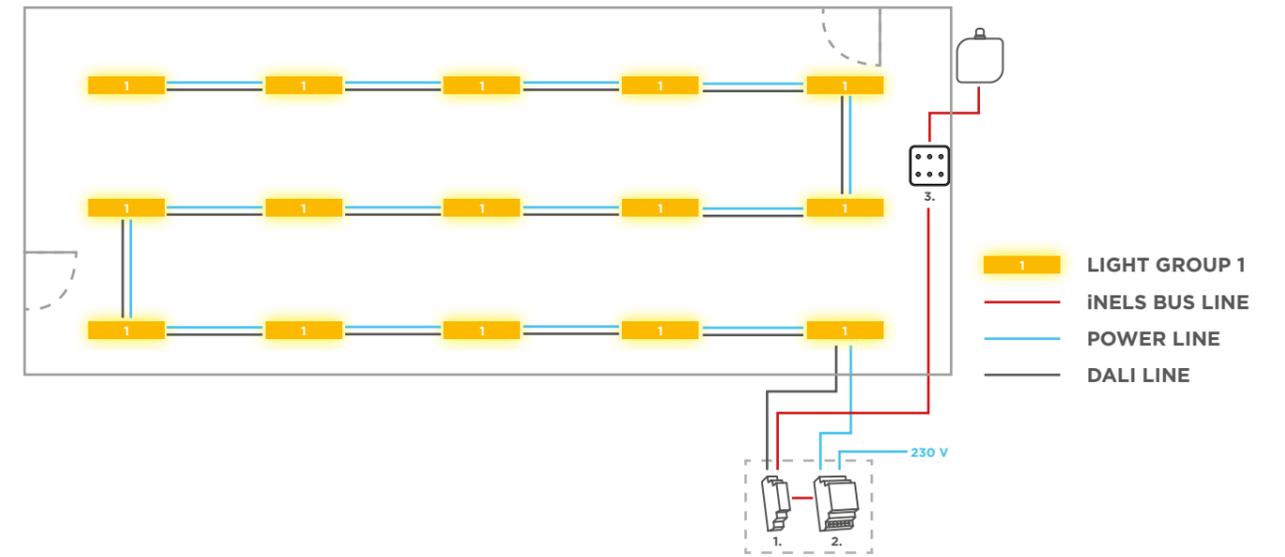
The system maintains ideal light levels, improving comfort and reducing eye strain for occupants in office environments.



Enhanced Flexibility

The combination of automated intensity control with manual override options (via the GSB3-60SB) gives users flexibility, enabling them to adjust lighting to meet specific needs.

Schemes:



Units:



1. Central Unit (CU3-09M/DALI)

Acting as the control hub, the CU3-09M with DALI (Digital Addressable Lighting Interface) support processes input from ambient light sensors to adjust connected DALI-enabled lights in real time. This centralized unit allows precise control, ensuring each light operates at optimal brightness according to the detected ambient light levels.



3. DALI Power Supply (PS3-30/DALI)

The PS3-30/DALI power supply is essential for operating DALI-enabled lighting systems, providing stable power for all DALI components, including sensors, lights, and the central unit. This power supply supports consistent operation and helps maintain the integrity of the DALI communication network.



2. Ambient Light Sensor (DLS3-01)

The DLS3-1 sensor measures surrounding light levels and sends this data to the CU3-09M/DALI central unit. By continuously monitoring the ambient light, the DLS3-1 ensures that the system maintains the pre-set illumination levels, adjusting lighting smoothly as natural light changes throughout the day.

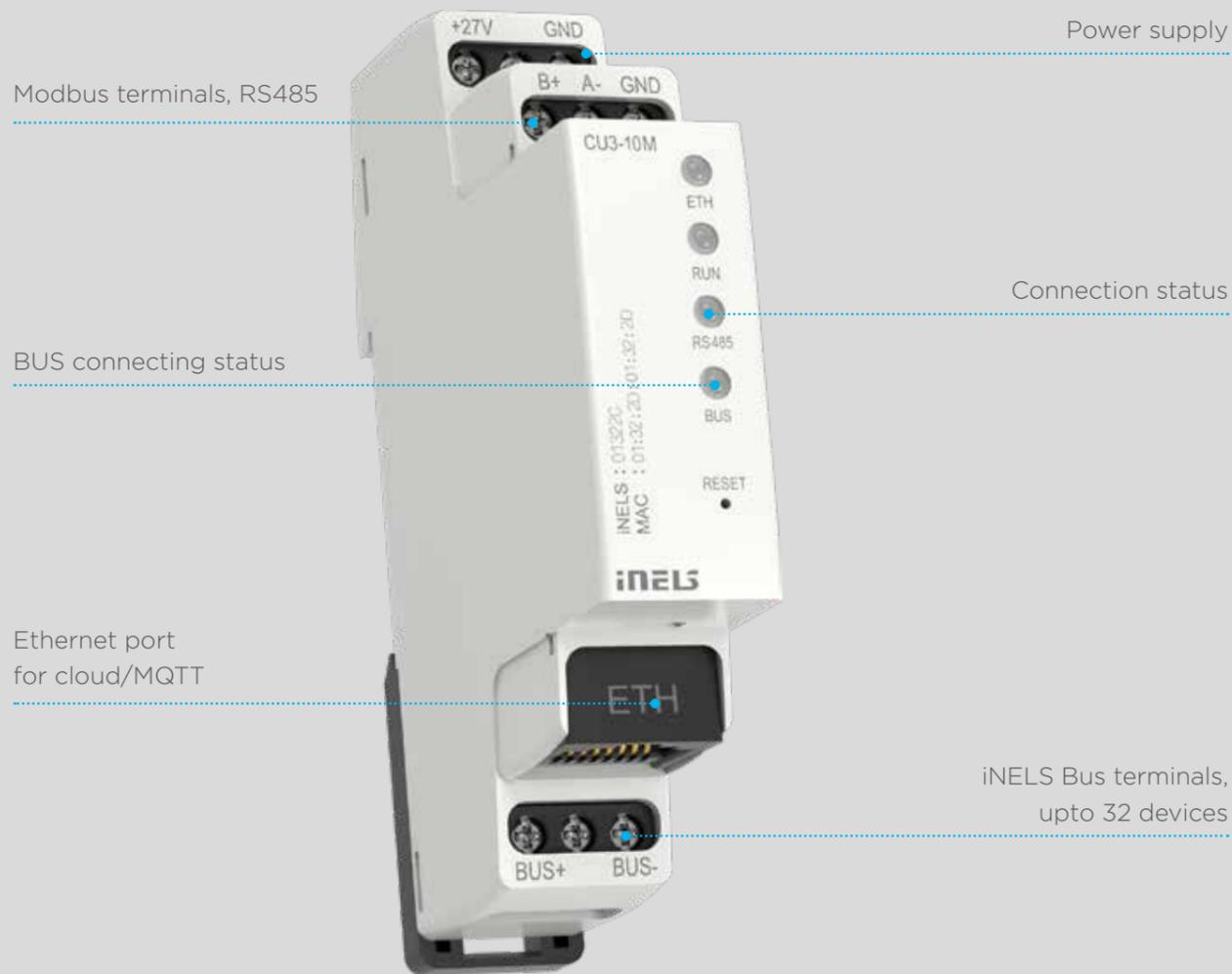


4. Manual Control Panel (GSB3-60SB)

For added flexibility, the GSB3-60SB provides manual control, allowing users to adjust lighting levels as needed. This switch panel works alongside the automated system, giving users control over specific lighting adjustments without disrupting the overall ambient control settings.

Discover CU3-10M/MODBUS

Smart Control, Seamless Integration



”

Say goodbye to wasted energy, CU3-10M brings intelligent energy management, heating and cooling control with pinpoint accuracy. With Modbus support, it seamlessly integrates into your system, giving you control from system, from anywhere — whether via an app, anywhere PC, or touch controller.

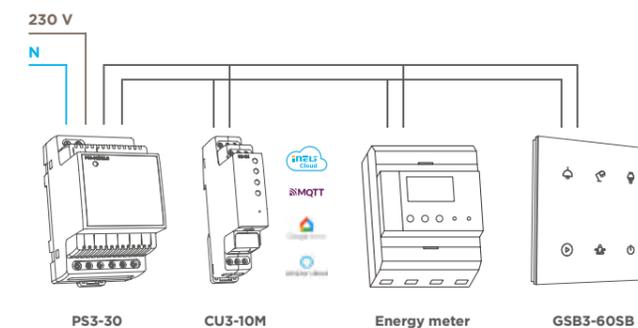
features

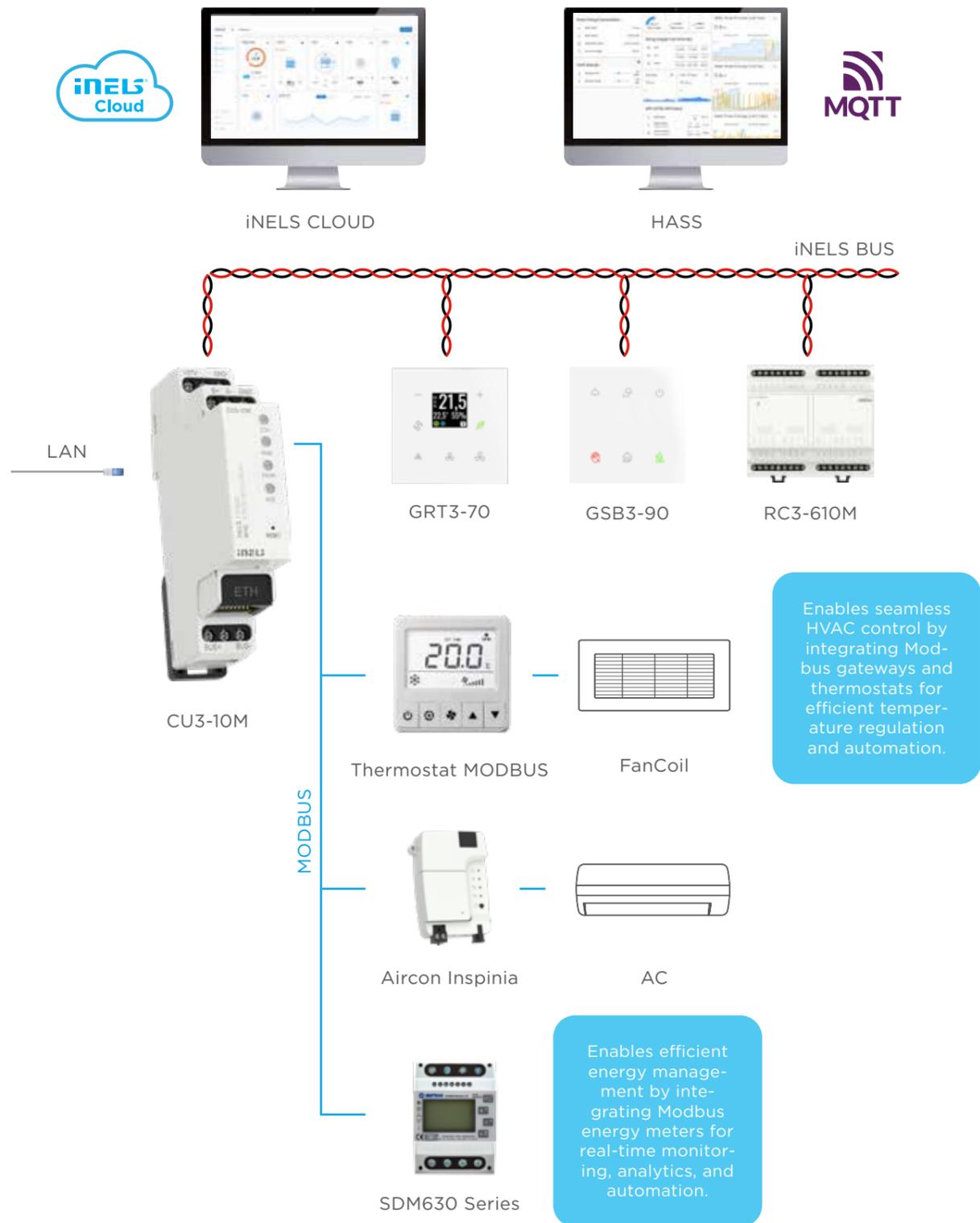
- Equipped with one BUS and one Modbus interface, allowing flexible integration with building management systems (BMS) and third-party controllers.
- Enables smooth communication with HVAC gateways, energy meters, and other industrial automation systems.
- Designed to grow with your automation needs, ensuring adaptability in evolving building projects. CU act as Modbus master and talks with multiple Modbus slave units.
- Energy Management: Contributes to sustainability by enabling intelligent lighting and HVAC control to reduce power consumption.
- Remote Monitoring & Cloud Control: Fully compatible with iNELS cloud services, allowing remote access, scheduling, and automation from any location.
- Supports seamless 3rd Party integration using the MQTT protocol, enabling interoperability with various BMS platforms, and IoT solutions.
- Integrates effortlessly with popular voice assistants like Google Assistant and Amazon Alexa, allowing users to control lighting and automation functions through voice commands.

The CU3-10M/Modbus from iNELS is a game-changer in intelligent automation, offering seamless connectivity between wired building control and advanced Modbus integration. This central unit is designed to enhance efficiency, optimize energy management, and provide robust automation solutions for residential, commercial, and hospitality environments.

Application includes:

- Smart Hotels & Hospitality: Integrate with guest room management systems (GRMS) and enhance comfort while optimizing energy consumption.
- Commercial Buildings: Streamline lighting and HVAC operations with Modbus-enabled automation, improving efficiency and reducing operational costs.
- Industrial Automation: Connect to industrial Modbus devices for enhanced monitoring and automated processes.
- Residential Smart Homes: Control lighting, HVAC, and security systems through a single intuitive platform.





CU3-10M act as Modbus master and Slave. As a Modbus Slave, the CU3-10M transmits real-time data to a Building Management System (Master). This integration allows facility managers to collect and analyze energy consumption data, monitor HVAC performance, and track overall system health. The CU3-10M/Modbus enhances facility management by enabling automati-

on rules based on energy usage trends, providing predictive analytics that lead to more efficient operations. Additionally, its compatibility with third-party system and monitoring platforms via MQTT ensures smooth interoperability within diverse building automation systems.

Smart Energy Solutions for Real Estate, Hospitality and Commercial Buildings



Optimize energy consumption

For real estate developers, monitoring utility consumption across multiple properties is essential for cost control and sustainability. The CU3-10M/Modbus connects seamlessly with Modbus energy meters, allowing precise tracking of electricity, gas, and water consumption for each apartment, office, or commercial unit. With real-time consumption data at their fingertips, property managers can generate automated reports, set alerts for excessive usage, and promote energy-saving behaviors among tenants. Additionally, large-scale developments benefit from centralized monitoring via building management systems or cloud-based platforms.



Integration with HVAC systems

In hotels and commercial buildings, the CU3-10M/Modbus offers seamless integration with HVAC systems. By optimizing temperature control based on occupancy patterns, it enhances guest comfort while significantly reducing energy wastage. The ability to enable remote access and predictive maintenance ensures that HVAC systems operate efficiently with minimal downtime. Moreover, hotels and commercial facilities striving for sustainability certifications can leverage this integration to comply with energy efficiency standards.



Voice Assistance for iNELS BUS System – Now Compatible with **Google Home**

The iNELS BUS System has taken a major step forward in smart home automation with its new compatibility with Google Home and Amazon Alexa. This integration allows users to control their smart home environment effortlessly using voice commands. Whether it's switching lights on and off, adjusting dimming levels, regulating heating and cooling, or activating automation scenes, users can now enjoy hands-free control of their iNELS BUS devices. By enabling seamless communication with these popular voice assistants, iNELS enhances user convenience and accessibility. Homeowners and businesses alike can benefit from a more intuitive and responsive smart home experience, reinforcing iNELS' position as a leader in modern automation solutions.

iNELS Prepares for Official **Home Assistant** Integration

In addition to voice assistant support, iNELS is making strides toward open-source automation by preparing for the official release of Home Assistant integration. This development will provide tech enthusiasts, integrators, and smart home users with an expanded level of customization and interoperability, allowing iNELS BUS to integrate seamlessly with thousands of third-party smart devices and platforms. The upcoming Home Assistant compatibility will unlock greater flexibility, enabling users to build comprehensive smart environments with personalized automation rules and enhanced control. As iNELS continues to embrace cutting-edge technology, this move reaffirms its commitment to delivering versatile, future-ready solutions for both residential and commercial automation.



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In partnership with Inspinia, iNELS introduces a new generation of touch control panels that redefine smart automation. The **INS4SQ**, **INS8SQ**, and **INS10SQ** touchscreens, available in 4-inch, 8-inch, and 10-inch displays, are equipped with the Skythings framework, offering an intuitive and interactive user experience. These screens are designed to enhance building automation, smart home control, and BMS integration, making them a perfect solution for modern intelligent spaces.



With Inspinia touch panels and A-iBUS modules, users can experience seamless automation, advanced connectivity, and an unmatched level of control. Whether in residential spaces, commercial buildings, or hospitality sectors, this combination ensures a future-ready automation solution, blending efficiency, intelligence, and style.

A-iBUS Add-On Module (Slave): Seamless iNELS BUS

The A-iBUS Add-On Module (Slave) enables INS4SQ, INS8SQ, and INS10SQ panels to function as part of the iNELS BUS system. By integrating into the miniCU busline, Inspinia touch screens become a natural extension of iNELS automation, ensuring effortless protocol conversion and communication between BMS components within the Inspinia or Skyplatform ecosystem. This setup allows multiple Inspinia screens to be connected to a single iNELS Bus line, ensuring scalability and flexibility for diverse applications in smart buildings.



A-iBUS Add-On Module (Master): Expanding iNELS Capabilities

To maximize the potential of Inspinia touchscreens, the iNELS Add-On Module (Master) provides direct connectivity to iNELS Bus devices without a central unit. This integration allows users to manage and automate HVAC, lighting, and other smart building systems directly through Inspinia panels. With this module, wired and wireless protocols can be seamlessly controlled via a single interface, providing enhanced functionality and convenience in smart environments.

Sky Platform

flow-based programming for intelligent automation

Skyplatform is a web-based cloud server designed to seamlessly manage inspinia products. Offering a comprehensive suite of tools for commissioning, modifying, and monitoring devices, skyplatform serves as the ultimate control center for modern automation projects. Whether for residential, commercial, or industrial applications, this platform delivers unmatched flexibility and scalability.

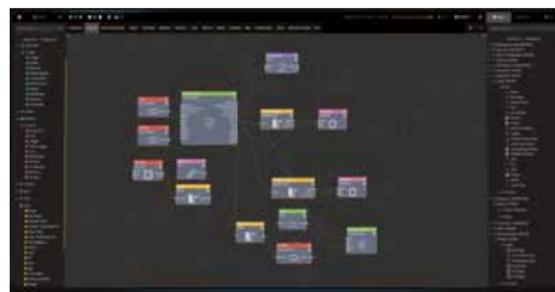
SkyPlatform features an intuitive flow-based programming interface, allowing users to define device logic, control schemes, and integrations with ease.

Customizable User Interface & Supported Protocols
SkyPlatform allows users to tailor the UI with editable tools, ensuring that automation solutions align with specific project requirements.

This interface provides:

- Logic Functions: Set up conditional operations triggered by sensor inputs, time schedules, or user interactions.
- Math Functions: Execute complex calculations for data processing and control decisions.
- Scene Creation: Combine multiple device actions into custom automation scenarios.
- Protocol Gateway: Establish seamless communication across multiple automation systems, enabling interoperability between different devices and platforms.

Additionally, the platform supports a broad range of industry-standard communication protocols, including: iNELS BUS, KNX, Modbus, Zigbee, Bluetooth, BACnet, VRF/VRV systems, MQTT, VoIP

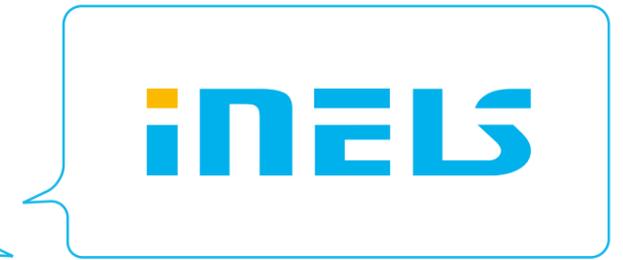


Enhance the capabilities of touch panels and other devices with SkyPlatform's add-ons. These modules expand connectivity options, enabling integration with iNELS, KNX, RS485, HVAC systems, lighting control and other wired and wireless protocols.

With its cloud-based architecture, multi-protocol support, and powerful programming tools, SkyPlatform is an innovative solution that simplifies automation while maximizing efficiency.

”

iNELS is promoted to the higher league. It now uses NETxBMS via MQTT protocol



What does the game of complex shortcuts bring to specific users? Above all, significant flexibility and easy communication with smart devices and sensors. In fact, MQTT is a lightweight and efficient protocol that is ideal precisely for communicating in an environment with so-called „Internet of Things“ (IoT) elements in the home. The NETx BMS (Building Management System) interface is a comprehensive platform for building management and visualisation.

The iNELS system, which the Holešov company has been developing since 2007, enables centralised control and visualisation of all building technologies such as lighting, heating, ventilation, air conditioning or security. Thanks to the NETx BMS interface, it is possible to efficiently manage building operations in order to reduce energy costs, increase user comfort and ensure safety.

The platform offers a wide range of features such as remote control, automatic control, data collection and analysis, visualization and reporting. The platform is flexible and scalable, allowing it to be adapted to the specific needs of each building. How does the new integration work?

The integration uses an architecture where:

iNELS central units connect to the MQTT broker. The NETx BMS with its MQTT module takes predefined topics from the iNELS system via MQTT broker. NETx BMS provides monitoring, control and protocol conversion for external systems such as PMS or doorlocking systems. MQTT mediates all communication between the iNELS and NETx BMS systems and enables real-time data exchange and command execution.

Last year, we teamed up with a leading smart home software company and made a joint project called Inspina. We are proud to be a member of the Matter family, where we work with the biggest manufacturers in the world. And the integration of third party features using the MQTT protocol is further proof that we are developing a system that can withstand the most stringent benchmarks of today's trends," says Jeevak Mathew Varughese, Product Manager at the company.



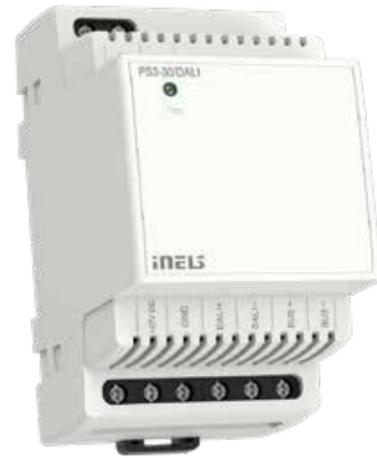
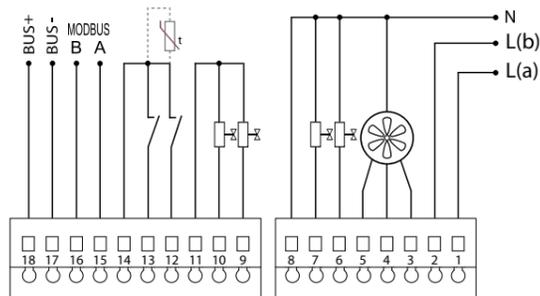
GRT3-100

The All in one Thermo-Regulator for Smart Climate Control

The GRT3-100 is a premium thermostat solution designed for apartments and hotels, offering precise temperature regulation and an intuitive user experience. Available in black and white variants, it blends seamlessly into any interior with its sleek, modern design.

Key Features at a Glance:

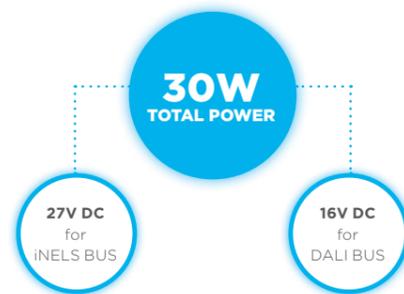
- Real-time temperature display.
- Touch-sensitive controls with “+” and “-” symbols.
- 5x 8A, 0-10V outputs for fan coil and HVAC control.
- Modbus and analog inputs for seamless integration.
- Customizable touch buttons and symbols.
- Built-in temperature sensor for precise monitoring.



PS3-30/Dali

Efficient power for iNELS BUS and DALI devices

Designed for modern automation needs, the PS3-30/DALI power supply unit ensures stable and efficient power delivery for both iNELS BUS and DALI devices. With compact integration and advanced safety features, it simplifies installations while enhancing system reliability.



Optimized for CU3-09M, eliminating the need for separate DALI and iNELS power supplies Integrated bus isolator for safe, stable power to one iNELS BUS branch

Built-in protection against short circuits, overvoltage, overload, and temperature fluctuations

A smart, reliable, and cost-effective power solution for intelligent buildings and industrial automation projects.

HOSPITALITY

iNELS delivers smart automation for hospitality — enhancing guest experience, improving energy efficiency, and simplifying control of lighting, HVAC, and access with elegant, intuitive solutions. Both in wired and wireless solution.





New web:
hotel.inels.com

Explore the new iNELS Hotel website <https://hotel.inels.com> - your complete guide to smart hotel automation. Discover wired and wireless solutions for guest comfort, energy savings, PMS/BMS integrations, product details, project references, support resources, and training options.

iNELS Hotel
reservation system

The iNELS Hotel Reservation System (iHRS) is a local and online software platform designed to seamlessly connect and manage iNELS wired and wireless installations across hotel rooms. It enables centralized control of room functions, guest comfort, and energy efficiency. iHRS integrates with Property Management Systems (PMS), Door Locks, and Building Management Systems (BMS) using MQTT and API protocols, offering automation rules, room dashboards, and real-time event logging. Ideal for small and large hotels..



Integration

iNELS partners with CHAR PMS, Flexipass, and SALTO door locks to offer smart hospitality solutions—seamless PMS integration, digital key access without apps, and secure electronic locks—ensuring efficient management, guest comfort, and enhanced security across wired and wireless hotel systems.



RFGS-30/S

Smart Panel: First Impressions, Redefined



Make a statement before guests even step inside! The RFGS panels don't just display room numbers—they communicate MUR/DND statuses, control bells, and even switch on the front-door light with the precision of a concierge. It's like having a smart butler stationed outside every room—minus the awkward small talk.



RFGS-30/SB/SW/230V
Wireless in front of door glass panel with relays and room number



RFGS-230/SB/SW/230V
Wireless in front of door glass panel with relays and room number

Relay Control

2× 8A relays for room bell, door lock, or entrance light.

MUR/DND

Green LED for MUR and red LED for DND, compatible with RFSW-62/S or RFTC-3.

Doorbell & Room Number

Doorbell button with dual backlighting (white LED when unoccupied, red LED when occupied), and backlit room number.

Wireless Integration

Connects to 4 room units, integrates with HRS via eLAN-RF or RFTC-3.

Design & Power

White/black glass with customizable room number and logos, powered by AC 230V or AC/DC 24V.

RFSW/-22S/42S/62S

The All-in-One
Touch Controller



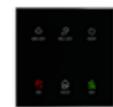
The RFSW-22 series is like the multitasking genius you've always wanted in your smart space. Switching relays, stylish touch glass, and customizable symbols—these controllers handle it all with elegance. Whether it's 230V or 24V, separated outputs, or built-in relays, this series is ready to light up your space in style (literally)!



RFSW-22/222/SB/SW/230V
Wireless touch glass controller with switching relays and symbols



RFSW-42/242/SBGO/SWGO/230V
With galvanically separated output



RFSW-62/262/SB/SW/24V
Wireless touch glass controller with switching relays and symbols

RFMB-22/42/62

Wireless in Metall



The RFMB-22/42/62 series is the versatile hero your smart space has been waiting for. Built to last and designed to impress, these metal pushbutton units give you 2, 4, or 6 points of control — perfect for lights, blinds, or scenes. Whether it's a compact setup or full-room mastery, the RFMB series puts smart power right at your fingertips (with a touch of steel).



Two Output Relays

The built-in design controller includes two independent output relays, allowing flexible control of connected devices. Ideal for switching electrical loads in smart installations with ease and precision.

Touch Control Interface

Equipped with 4 or 6 intuitive touch buttons, this controller allows direct operation of output relays and other wireless components in your system, offering quick and convenient on-device control.

Wireless Integration

Seamlessly integrates with iNELS wireless detectors, wireless devices, iNELS controllers, and other smart system components, making it a flexible solution suitable for residential, commercial, or hospitality automation projects.

Wireless Range

Offers wireless communication up to 160 meters in open space, ensuring reliable long-distance connectivity for larger installations or multi-room coverage without signal drops.

Communication

Operates on a secure, bi-directional RFIO2 communication protocol, enabling responsive and stable wireless interaction between system components, with feedback signals to confirm successful command execution.

Multi-Channel Control

Each output can be independently controlled by up to 12 channels. One channel corresponds to a button / detectors, enabling complex automation scenarios and enhanced control from multiple locations.

Customised Icons Option

Personalize your touch controller using the iNELS Icon Configurator. Choose from a wide range of symbols or upload your own icons to match room functions, themes, or user preferences.

Control from iNELS App

When connected via an iNELS gateway, the device can be fully controlled through the iNELS mobile app, Google home or Alexa. Enables remote access, scene creation, and automation logic for smarter living.

RFTC-3

Glass touch thermostat for fan coils



The RFTC-3 isn't just a thermostat—it's your room's personal climate maestro. Whether it's fine-tuning fan speeds, mastering heating and cooling, or dazzling guests with its proximity-activated backlight, this device does it all with flair. Add WiFi, Modbus, and customizable icons, and you've got the ultimate mix of brains and beauty!



On-line instruction manual

RFTC / Comparison

Thermostat for direct control (relay) of fan coils. WiFi connection and RF inputs. Wired inputs and temperature sensor. Modbus and analog outputs.

Zone thermostat (8 zones) with 16A relay for direct heater switching, powered by AC 230V.

Thermostat with LoRaWAN protocol for controlling the RFATV-8 thermostatic head.



	RFTC-3 (AC 230V)	RFTC-4 (battery)	RFTC-4 (adaptor USB-C)	RFTC-6 (AC 230V)	RFTC-7 (USB-C)	RFTC-8 (LORA Wan, battery)
Hotel functions	DND/MUR	•	-	•	-	-
Occupancy	•	-	•	•	•	-
Control H/C	FCU internal relay	•	-	-	• (16A)	-
	FCU external RF relay	•	•	•	-	•
	Modbus master	•	-	•	-	-
	eLAN HCA	•	-	•	•	-
	0-10V	•	-	•	-	-
	RFATV direct control	-	• (Modified ATV FW) - 8 pcs	• (Modified ATV FW)	-	• (8 pcs) (Modified ATV FW) 8 pcs
	RFSTI 11B direct heating	-	•	•	-	• (8 pcs)
Number of zones on the display	1	1	1	1	8	1
eLAN functions	•	-	•	•	•	-
Wired inputs	•	-	•	•	-	-
Proximity	•	-	-	•	-	• (60 CZK proxi + light)
Temperature sensors	internal	•	•	•	•	•
	external wired	•	-	-	•	• (for underfloor heating)
	external RF	•	-	•	•	-
MQTT	•	-	•	•	•	-
iNELS.cloud	•	-	•	•	•	-
Web Remote Control	•	-	•	•	•	-
Local automatization	•	-	•	•	•	-

Fan Control

3x relays (LOW, MEDIUM, HIGH), 1x relay (HEAT/COOL), 1x relay (ON/OFF), 2x analog outputs (0-10V).

Sensors

Built-in temperature and humidity sensors with proximity sensor for night display activation.

Inputs

2x wired inputs for external temperature sensors or window contacts (RFWD-100).

Wireless & Connectivity

Compatible with RFWD-100 (window contact) and RFMD-200 (motion detector). Supports WiFi, iNELS Cloud, MQTT, and Modbus RTU.

Design & Power

MUR/DND buttons, customizable glass, EU/BS box compatible, powered by AC 230V.

Revolutionizing Hospitality with the GCR3-30 Digital Key Solution



Seamless Check-in Experience

Advanced RFID Technology

NFC reader

Customizable & Elegant Design

Guest Comfort & Automation

The hospitality industry is evolving, and seamless guest experiences are at the forefront of innovation. With the GCR3-30 Glass Card Reader, hotels, vacation rentals, and serviced apartments can now offer a state-of-the-art digital key solution that enhances security, convenience, and operational efficiency.

Gone are the days of physical keycards or traditional metal keys. The GCR3-30 with digital key solution integrates with leading hospitality platforms such as Booking.com and Airbnb, allowing guests to receive a secure digital key directly on their mobile device upon booking confirmation. This means no more waiting at the reception desk—guests can head straight to their room upon arrival, enhancing the overall guest experience.

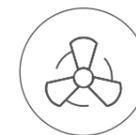
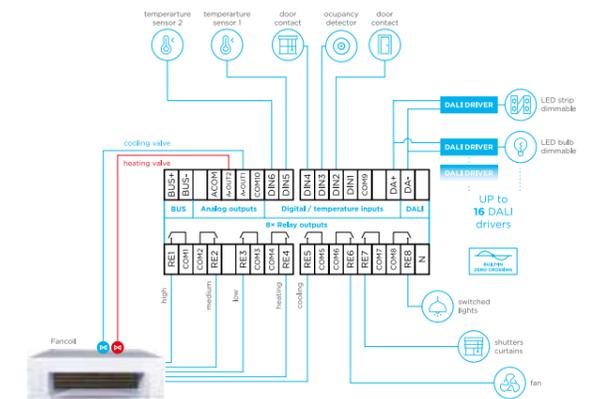
Designed as part of the iNELS smart building system, the GCR3-30 is available in sleek black and white glass finishes with customizable engravings of hotel logos or room numbers. Additionally, its three capacitive touch buttons can be programmed for functions like “Do Not Disturb” & “Make Up Room” indicators, ensuring real-time communication with hotel staff.

By adopting the GCR3-30 digital key solution, hotels and rental properties can streamline operations, reduce costs, and offer a next-generation hospitality experience. Upgrade your property today and redefine modern guest convenience.

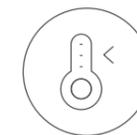
RC3-610M room controller with DALI dimmer



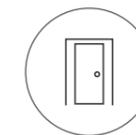
The heart of the system is the miniCU central unit, which includes an iNELS BUS for connecting up to 32 BUS units, a MODBUS bus for connecting thermostats and fancoils (if used) and a LAN port for IP connection to the higher-level system. It is also an MQTT gateway and firewall for security and protection of data transmissions.



8x relays



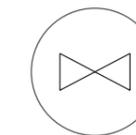
2x temp sensor



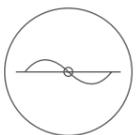
6x DIN



16x DALI



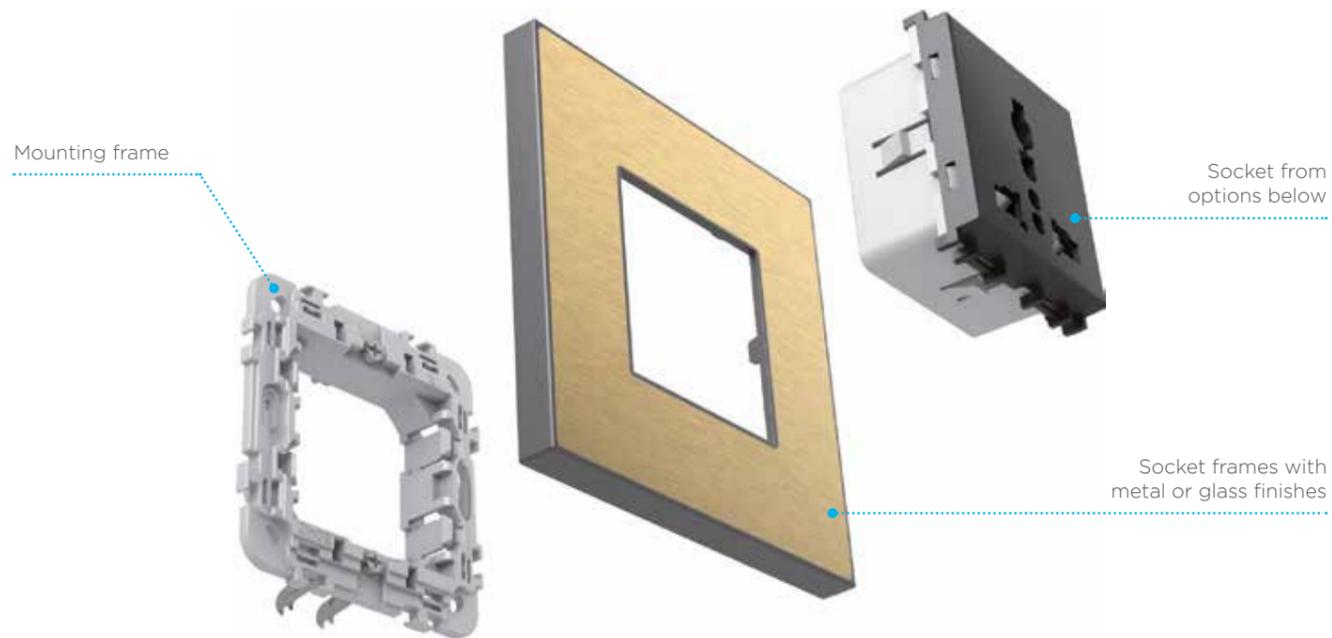
2x analog out



Zero cross

Multistandart & USB-C/A socket compact

ALL in one square



Socket panels are an essential part of every hotel room's controls. They replicate the designs of the glass GSB and metal MSB controllers. Various device modules can be inserted into the frames: 110/230V multistandart socket, USB A+C, HDMI, LAN, PIR and others. You can thus create combinations to suit your wishes, whether for your bed, TV or desk.



USB-A+C sockets & LAN RJ45

AC power multistandart socket PMS

Glass plates finishes



GSF3-PMS/B
B - Black glass

GSF3-PMS/W
W - White glass

Metal plates finishes



MSF3-PMS/B
B - Graphite black

MSF3-PMS/C
C - Antique copper

MSF3-PMS/G
G - Satin brass

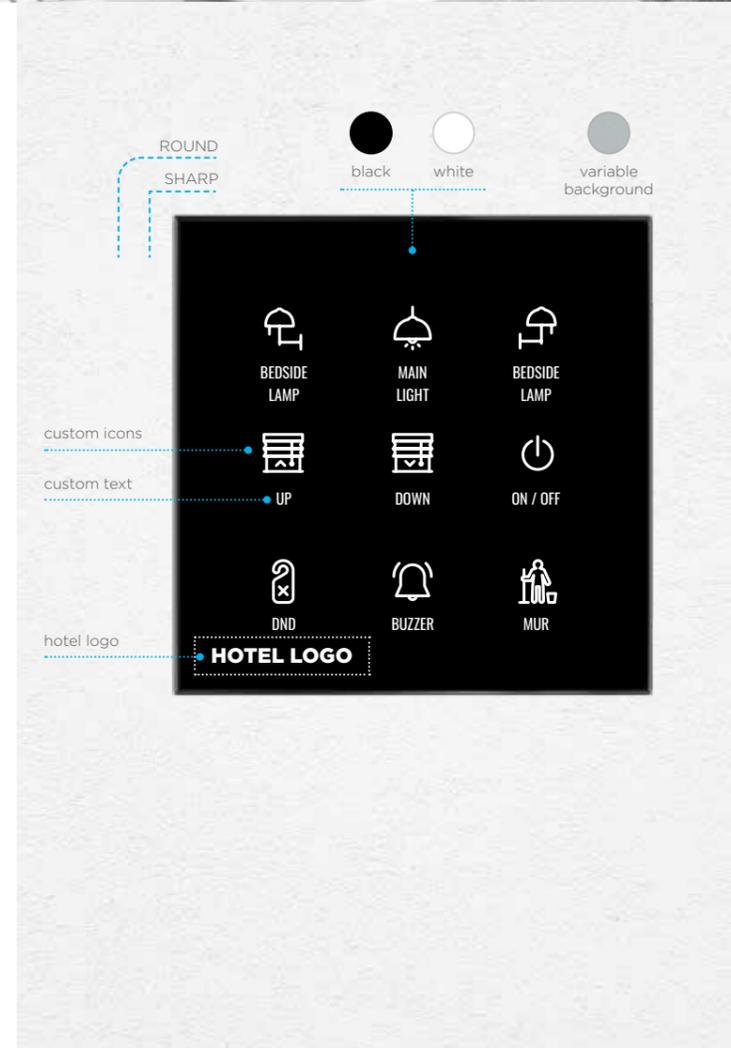
MSF3-PMS/S
S - Brushed silver

iNELS icon configurator



ELKO EP as a manufacturer has technologies that allow us to offer you a wide range of customization: colors of controls, shapes of glass, icons and button descriptions, including hotel room numbers and even hotel logos. Special and unusual combinations can be made on request.

We can supply the entire order with elements pre-programmed from the factory so that you only install them according to their codes in the correct room numbers. This will significantly reduce programming and commissioning costs.



Online customization:
icons.inels.com



● **Headquarters**

ELKO EP Holding SE, Czech Republic

● **Europe**

ELKO EP Balkan d.o.o
ELKO EP Bulgaria OOD
ELKO EP Germany GmbH
ELKO EP Hungary Kft.
ELKO EP POLAND Sp. z o.o.
ELKO EP SLOVAKIA, s.r.o.
ELKO EP UK Ltd.
ELKO EP UKRAINE LLC

● **Africa & Middle East**

ELKO EP Egypt LLC
ELKO EP Kuwait Ltd.
ELKO EP MEA LLC
ELKO EP Saudi Arabia Ltd.

● **America**

ELKO EP North America LLC



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