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ELKO EP COMPANY MAGAZINE

News 2014



iNELS[®]
smart home solutions

RELAX, ENJOY
and keep on top
of things!

www.inels.com

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Editorial

Dear readers,

I am very pleased to say we have consolidated our common efforts and fully embraced 2014, which, like previous years, will usher in new products, innovations, creative projects and other business matters.

I am glad we were able to thrive in the breakthrough year of 2013. After the successful year 2012, when we became company of the year, we had no plans to relent. We celebrated our company's 20th anniversary, thus entering yet a new decade.

In terms of business, we increased our revenue by 10% over the previous year. We strengthened the position of the iNELS brand not only here at home, but worldwide, where we continued to build our network of system integrators.

We opened branches in two new countries - Spain and Austria. Also in the Middle East, the volume of inquiries and jobs has risen so much that we decided to establish ELKO EP Middle East, headquartered in Dubai, which will serve the entire territory of Persian Gulf countries.

There was not time to rest on our laurels here in the Czech Republic either. We expanded our activities in the field of Water-Heat, and launched the loyalty program called ELFKO. We also focused on supporting designers, and organized a number of lectures at universities and other technically oriented seminars.

As is our custom, last year was also marked by innovations and new product launches. We expanded our wireless iNELS RF Control to include new elements that enhanced its capabilities and ways of use. Along with the smart box eLAN-RF, we introduced the application for control via an iPhone or any other smartphone. We took the iNELS Multimedia system one step further. We created our own Audiozone, which truly has "all five together", yet still fits within a wall-mounted installation box! Another substantial move was extending the warranty period for our iNELS system customers to five years. We can do this because we know the quality of our products.

Clearly, the main event of 2014 attracting the attention of the technical public and public alike is our launch of the iNELS 3rd-generation system. I can tell you first hand that you've got a lot to look forward to. With its interaction, output and design, it stretches the limits in the field much further.

We will be looking forward to many special moments that you - our customers - will experience with us this year!



Jiří Konečný
Head executive & CEO

A handwritten signature in blue ink, which appears to be "Jiri Konecny". The signature is written in a cursive, flowing style.





we are number one in the Czech field of
modular electronic devices



the ELKO EP Holding Group registered growth
in revenue by 10% over 2012



we manufacture in the Czech Republic and we try to do it
better and faster



greater capacity, speed and more options
of the new iNELS3



there are ten business representatives available
to you in the Czech Republic



The company's 20th birthday celebrations were spectacular

Last June, our company reached a great milestone.

From a company of one, it now employees over 230 people and has branches around the world. And that was ample reason to celebrate in style. The celebrations took place over several days and places..

Our employees got together during a theater presentation of the Slave of Two Masters, performed specially for them by the Zlín Municipal Theater company.

On Friday, June 21, the first ever ELKO EP golf tournament took place on the course at the Golf Club Kostelec. A total of 19 golfers competed in the ELKO EP Golf Cup. Details on the tournament including the results sheet can be found on the Czech Golf Federation website (ELKO EP Golf Cup).

The high point of the celebration was on Saturday, June 22. First, there was an open house visited by over 300 people. They were shown the complete company facilities - from reception, to production and development. Children enjoyed lots of attractions, adults amused at the interesting things in production, including a demonstration of the most modern and fastest line in the Czech Republic.

Later in the early afternoon, we took part in one of the most interesting regional events. ELKO EP became the general partner of the festival Holešov Regatta. Besides hosting a VIP stand with refreshments for our guests and partners, we all enjoyed a concert by the band ELKOband. It was an original experience and one that we will always fondly remember.

Thanks to all who came to celebrate with us!

Since we are patriots and enjoy supporting local cultural events, we decided to continue in supporting the Holešov Regatta this year as well. Thus, we are partners in 2014 of this meaningful two-day cultural event taking place on June 20-21. Our company group ELKOband will also be performing amongst others

If you did not have a chance to attend last year's open house, no worries, we hope you can attend the next one on June 21, 2014!



two "ones" for ELKO EP Slovakia **yes, it has been with you for 11 years**



we gained another important OEM customer **GE Energy**



we opened two European branches **in Austria and Spain**



export creates 67% of company revenue **we are a global player**



we can do great things and we are proud of that **the iNELS runs a hotel in Dubai**



Golf tournament



Open days



Open days



Holešovská regata



Holešovská regata



ELKOband – Holešovská regata

We develop products in-house, from relays all the way to the iNELS system.

Complete manufacture of all our products takes place at our headquarters located in the Czech Republic.



Everything under one roof

Though we strive to be global and stay on top of current trends, there are some things that "stay the same". And we are proud of that!

The global trend is indeed constantly shifting towards relocating production for a cheaper labor force, but we still produce and develop under our own roof.

Our base in Holešov employed 169 dedicated employees in 2013. Using modern manufacturing technology, in 2013, they produced a total of 423,609 products, whereas the greatest proportion (83%) of this is made up of RELAY manufacture. We produce them also as so-called brand-naming products for foreign companies with big names, such as: Schneider, Eaton, Siemens, Hager, ETI, Kopp and Tyco. For us to thrive in the face of competition, we have kept production and the necessary quality of

our products in Holešov, and we invest substantially in modernizing our manufacturing processes and machine technology. In 2013, we thus expanded our production to include a new SMD manufacturing line, thanks to which we are capable here of mounting components into new, high-tech products, e.g. the central unit to the iNELS (3rd generation), or the wireless touch unit RF Touch.

Development itself goes hand-in-hand with quality manufacture. Last year, we invested 45,000 man hours into development. Though we try to uphold the proposed financial plans, there are things that it makes no sense to try to scrimp and save on. In this sense, our planned development costs last year exceeded 20%. But thanks to this, we were able to present to you an entire series of new products, from our series of relays to the iNELS RF Control product group. We have also taken giant leaps forward in developing modern mobile applications. That is because we always want to offer something more.

While other simply resell products, we develop and manufacture them ourselves!

Our family has grown to include two new branches!

ELKO EP ESPAÑA

Spain has around 46 million inhabitants, and a new ELKO EP branch as of late 2013.

Though the branch has functioned for just a short while, it has succeeded in implementing three iNELS systems already. Find out more about the company at www.elkoep.es.

It was Ing. Jozef Barta (current director of ELKO EP Slovakia who implemented the vision of the new branch, and he sponsors its activity. His right-hand man on location is Mr. Antonín Vaigel, who is dedicated to getting the branch up, running, and thriving, and to building its own showroom as soon as possible.

"In 2014, the branch will have three employees and will operate mostly independently.

The aim of the branch will be to start out with revenue of around EUR 350,000, which would show great promise and form a solid foundation for the future", said Jozef Barta, founder of the branch ELKO EP España.

ELKO EP AUSTRIA

The four-leaf clover of branches around the Czech Republic is finally complete!

After the founding last year of ELKO EP Germany, only Austria was left to conquer amongst the nation's neighbors. And we have achieved that objective.

At the start of 2014, we founded the new branch ELKO EP Austria. This is currently also sponsored by Mr. Jozef Barta, who had this to say when asked...why this country: "Austria is our close

neighbor. It is a country that is not resolving crises because it does not have them. It always ranks among the top three livable places (e.g. Vienna), thus there is great potential here to perform installations. I am currently trying to focus 100% to orient myself and find that right somebody who can be my chief supporter in this endeavor. As opposed to ELKO EP España, the revenue plan will be determined later, in 2015."



Antonín Vaigel
branch director - ELKOE EP España

Einstein's laboratory is coming your way

Change is life, and thus our iNELS also underwent a transformation last year, changing into Einstein's laboratory. Visitors to our iNELS tour can now try out the myriad possibilities of controlling the home regardless of whether they already are satisfied with their home, are having another one built or are planning to do some reconstruction. Showroom "on the wheels" brings each home lots of ideas and inspiration of how to enhance the family's comfort, security and entertainment, or just save on energy.

"This year you can see the "intelligent home on wheels" at the Stavotech trade fair in Olomouc held on March 27-29, or in May at the Hobby trade fair in České Budějovice. You can keep track of its further travels at: www.elkoep.com.



BUY ELKO EP
PRODUCTS

**AND RECEIVE
VALUABLE
GIFTS!**



1

REGISTER YOURSELF

register at the website
eshop.elkoep.com

2

OBTAIN ELFS

points – you will start to
accumulate elfs after entering the
name and registration number
of the given product

3

REWARD YOURSELF

you can then swap the elfs for
gifts from our offer

ELFKO new loyalty program

We don't want to lose your attention, so we are always coming up with something that will leave you both surprised and pleased at the same time.

We have developed for you a brand new loyalty program called ELFKO, featuring lots of rewards and advantages! Now, you can collect points for your e-shop purchases – "elfs", and swap them for attractive rewards and advantages.

For whom is it designed?

It is designed for end consumers, customers of our wholesale partners and for our system partners.

What do you need to do to obtain it?

Register at the ELKO EP e-shop and purchased merchandise from the workshop of ELKO EP, which has a unique registration number.

How do you enter the program and start earning points

By fulfilling conditions according to the rules and registration of the serial number in the e-shop. You earn points for each registered serial number, which you can cash in through rewards right in the e-shop! You can also purchase certain ELKO EP products for the points you earn.

And what kind of awards await you?

Have a look here: www.elkoep.com

It pays
to be loyal!

The "Smart Home Association" three times...

The **"Smart Home Association"** brings together companies in the areas of:

- intelligent electrical installations
- security systems
- home appliances
- audio-video technology
- recuperation, air-conditioning
- heating and heating regulation
- lighting and energy-saving lamps

The **"Smart Home Association"** is an independent association of experts and companies that HAVE JOINED THEIR TECHNOLOGIES into a single system for the smart home.

One of the **"Smart Home Association"** aims is to enlighten people about intelligent homes and buildings, which offer their users healthier and more comfortable living, as well as efficient and easy control of the home



YOU COULD SEE US, HEAR US... AND TRY THINGS OUT FOR YOURSELF

For Arch 2013, Realitní kongres 2013, Dřevostavby 2014

At trade fairs, the members of the Smart Home Association presented the combining of technologies in a single system, by means of a fully functional panel with the motto **"When technologies in your home understood each other."**

Visitors could thus try out for themselves control of the home with the single system iNELS and from a smart phone, tablet or Samsung smart TV, thus control a recuperation unit of the company ATREA, heating with a gas boiler of the company VIADRUS, a washer, drier and coffee maker of the company Miele, a door communicator of the company 2N, audio from the

company Privátníkina.cz and other devices on a functional panel, e.g. air-conditioning, blinds, lights, video cameras, etc.

You could also hear us in the supporting programs of the trade fair, where we prepared presentations relating to the topic of smart living.



For Arch 2013



Realitní kongres 2013



Dřevostavby 2014



HANDYMAN or HOW TO BECOME EVEN MORE SOPHISTICATED!

Last autumn, ELKO EP prepared special training sessions for those of you who offer handyman services. In this training program, professional educators taught handyman things that their colleagues do not know, giving them a competitive advantage. And that's what goes on here.

By the end of training, participants were familiar with modern trends in living, technical advances and new products in wiring, heating and lighting.

The terms for further training sessions and registration are available here: <http://www.elkoop.com/fairs-trainings/>

We are glad to have you with us!

Successes of our products

SMART BOX SCORES AGAIN

We were successful in winning yet another award at the Infotherma Trade Fair. The smart box eLAN-RF-Wi-003 won 3rd prize in the category Energy Savings. Thanks to this device, you can save up to 30% on heating costs.

The smart box offers the option of controlling RF actuators via the iHC application (for iPhone or Android). This system can be used for reconstruction, where you need not lay any extra cables, whereby you will save plenty just from the actual installation of control elements, but also in new installations, where this system brings comfort and savings.



SUCCESS ALSO EARNED BY THE SYSTEM iNELS RF Control

We greatly appreciate every award we win. Our product iNELS RF Control earned a splendid third place in the competition Product-Technology in 2013. We believe that the iNELS RF Control system turns heads mainly for its universality. If you want to automate your home or are preparing to reconstruct, this is the product offering you countless possibilities for use. You can begin with a single switch, enabling you to save costs e.g. in the form of dimming lights, but you will soon get used to enjoying this comfort, and will want to add more and more of these little "helpers". Our key account manager, Ing. Václav Maňhal, received our award during the awards ceremony in the Foundation ABF on March 6, 2014.



Visionaries 2013

On December 5, 2013, the association CzechInno in cooperation with its partners declared with winners of the project Visionaries 2013, recognizing innovative achievements in Czech business with an important social, technological or economic benefit.

We earned honorable mention of the technical jury for technological and social benefit in the area of supporting use of new technologies for the home, family, employment, safety and health.

The innovation arises from the iNELS systems of intelligent electrical installations, which were developed and sold on the market eight years ago in the BUS-design variant. These systems then have a wireless variant (RF Control) for existing electrical installations, with no need to cut into walls.

The fundamental innovation however is comprised of integration of other technolo-

gies in the home (e.g. solar system, photovoltaic system, home appliances, air-condition, recuperation, video cameras), so that it is possible to control all of them from just a single application (iPhone, SmartPhone, SmartTV), thanks to the Connection Server, which converts all protocols and provides them to applications.

For users, this means having a single controller (also used the same as a telephone) for everything found in their home or apartment. It is thus possible to control the entire household while the user is away.



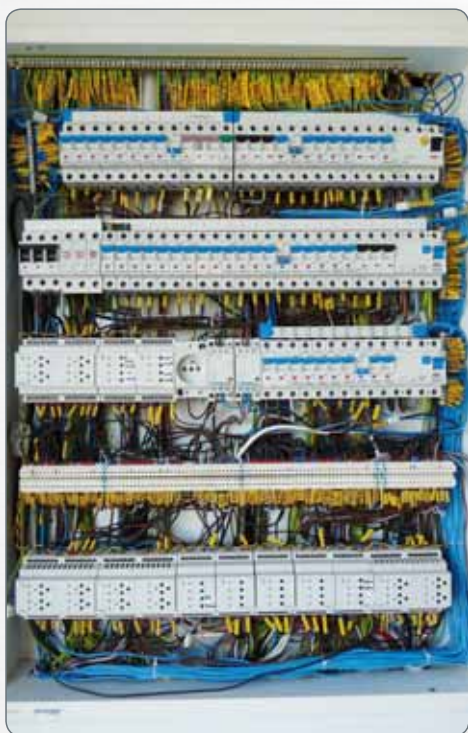
Free five-year warranty

We're not through with Christmas just yet. This year, we are bestowing an exceptional gift throughout the entire year. It is now easily possible to obtain a five-year warranty for the complete portfolio of products

Business partners of ELKO EP have gained a serious competitive advantage. It suffices if after finishing the project at the Customer, they take a picture of the switchboard with iNELS BUS protective elements and installed design elements of LOGUS⁹⁰, then include the name of the project and send the photo to the one of our project managers. They will then receive a certificate

guaranteeing the five-year warranty covering the entire bundle of products.

This offer is an advantage for all installation companies and sellers offering the entire portfolio of products by ELKO EP - iNELS intelligent electrical installation system, ETI protective elements, ELKO EP relays and LOGUS⁹⁰ elements.



WE HAVE BECOME THE GOOD ANGEL... YOU CAN JOIN TOO!

We are involved in the charity project called Good Angel. And we did not stop just with a financial contribution. We are actively attempting to gain other good angels for the endowment fund.

The founder of ELKO EP, Mr. Jiří Konečný, obtained the company's first Good Angel Certificate. He provided a cash amount to the endowment fund, which will be distributed over time to families in material need. And since a good idea must be shared, ELKO EP has taken on recruitment of further donors from amongst its employees and the general public alike.

Good Angel helps families who have gotten into financial troubles due to an illness. This mainly concerns cancer and other serious illnesses. The aim of the project is to help secure regular financial assistance for those with an illness in the family, which has led to financial distress. Good angels contribute any amount each month, and have access to their account where they can see precisely whom their donation has helped. The Good Angel system is also unique in that donor contributions are distributed to the last "red cent". That is because the endowment fund's operations are financed by the private funds of its founders.



www.dobryandel.cz

We're moving with the times...

Internet purchases score points! Czech e-shops have nearly doubled in financial volume in just five years. And we haven't missed the boat either!

Purchasing via an electronic shop is becoming an integral part of our lives. Due to the ever-increasing demands for time and speed, we have decided to bring this "advantage" not only to final customers but also to our business partners.

Always something new for the dearest part of our business - you - our customers.

Over the year, we try to bring you various sales events. From permanent ones to seasonal ones, we are constantly offering something new. Follow us at our e-shop.

Advantages of ELKO EP B2B:

- online**
precise number of goods in stock always online
- everything "at hand"**
option of downloading the manual and catalog sheet for each product
- greater savings**
discount of 1% on top of the existing discount
- transparent transaction**
business partners always see their exact price – base price, amount of discount + 1% extra discount and price after discount
- clarity**
overview of all documents and option of their filtration or printing into PDF



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MONITOR YOUR ENERGY



20.14
89.02



C114U
3x230/400 V
75 U/kWh

10(60) A
Schltg. 4000

50 Hz
© □

The media bombards us more and more nowadays with information about energy cost increases. Are you not sure how to save? You can save anywhere. In industrial buildings, offices or homes! Don't you believe it? Here we will explain to you several ways of how to really save.

Illuminate only when necessary

LIGHTING INTENSITY CONTROLLER

Lighting intensity controller LIC-1 is designed for installation into a switchboard, and is compatible with all types of light sources - classic light bulbs, energy-saving or LED lamps with power up to 500W. An outdoor sensor comes with the regulator. On the front panel, potentiometers are used to set: the type of light source, speed change settings and required light intensity. Then the regulator maintains the required intensity. Using external control button(s), it is possible to interrupt an automatic process (e.g. when cleaning) or control (dim) lighting manually.



Price: 68,2 € *Lighting intensity controller - LIC-1*

SITUATION

In the winter, you turn on the lights early in the morning and keep them on until full daybreak. But do you switch off the light at the right moment? And what if it is cloudy outside? Again turn on - turn off...and then...? And what about in your offices? Do your employees make sure to turn off lights at the right moment? They are not the ones paying the energy bill, so why wouldn't they keep the workplace lit throughout the day?

SOLUTION

An Lighting intensity controller, which adjusts the brightness of the lamp (light) to the outdoor light level.

SAVINGS AND RETURN ON INVESTMENT

When the light automatically regulates its brightness based on a set value, you can save up to 50% of costs for its operation.

TWILIGHT LIGHT SWITCH

The twilight light switch RFSOU-1 is used to switch the outdoor lighting, illuminated advertisements and shop windows, building corridors, or lighting for walkways, based on the level of the outdoor light. The advantage is its wireless communication, meaning that you place the device RFSOU-1 (which is in outdoor design) in a suitable place (generally outside), and the receiver to the light, or light circuit - all of this without installing any new wires.

Price: 50,8 €



Twilight light switch - RFSOU-1

Regulation of heating under control

DIGITAL THERMOSTAT

This is designed for flush mounting into an installation box in various color designs to match your interior. It offers the option of a floor, area or combined thermostat. The combined thermostat monitors both the room and floor temperature - to keep from overheating. You can also set up to hundreds of programs, vacation mode or child locks, and many other functions. **Price: 69,2 €**



Digital thermostat - 21233

SITUATION

When you deserve heat, it's cold. Then again in the evening your home is overheated. Every degree Celsius plays a role in the energy bill.

SOLUTION

Set a weekly heating program for your home based precisely on how you use it. If everybody in the household leaves at 8:00 a.m. to work or school, the home temperature automatically decreases to 18°C. When they return home at 4:00 p.m., the home has been heating for an hour already since 3:00 p.m. and you arrive home to warmth and comfort. Set up a different mode for the weekend.

SAVINGS AND RETURN ON INVESTMENT

When regulating heating, you can save up to 30 % in heating costs. So if you have been paying approximately 1150 EUR per year in heating, and effective regulation brings down costs by 30%, you will be saving approximately 350 EUR per year. The return on investment depends on the scope of regulation, i.e. whether you will have just one thermostat for the entire home or one in each room.

WIRELESS THERMOSTAT

If you do not want to make any structural modifications (cutting into walls), yet still want to save, we offer you the wireless thermostat RFTC-50G in combination with the switching actuator RFSA-61 (for an installation box) or RFSC-61 (for a socket). The switching actuator controls the heating sources (boiler, heating cable, thermo-valve). For the highest degree of regulation, we recommend the wireless touch unit RF Touch, which can communicate with up to 40 temperature sensors and 40 switching actuators, or 40 thermo-valve RFATV-1 for regulating water heating. **Price: 114,1 €**



Wireless thermostat - RFTC-50G

Switch at the right time

TIME RELAY

The time relay SMR-H is designed for installation into an installation box, under a light switch or directly to a fan. You can set the function (if the fan is to start up when the light is switched on or after it is switched off) and the required duration of operation.

Price: 13,3 €



Time relay - SMR-H

SITUATION

Every separate toilet or bathroom has installed not just a fan but also lights. It often occurs that you do switch off the light, but forget to switch off the fan. And if you want to enjoy a hot bath, you don't want to listen to the noise of the fan. But you do want to exhaust the room.

SOLUTION

Installation of a time relay, which switches the fan in correlation to switching on the light. This means that when the light is switched off (after you leave the bathroom), the fan switches on for the given time as you leave.

SAVINGS AND RETURN ON INVESTMENT

Since these fans are not designed to operate constantly, the time relay not only offers energy cost savings, but also extends their service life and diminishes the risk of an early investment in their replacement.

WIRELESS WALL SWITCH

RFWB + RFSA is a wireless method and simplest way to control your existing installation. That is because they function wirelessly, and the switching element can be placed directly into the fan or light. It is then possible to control it with a remote control device (keychain, switch) with the option of further additional functions (time switching on/off, light scenes, etc.) **Price: 64,7 €**



Wireless wall switch - RFWB-40G









Applications for your comfort

The possibilities of controlling a smart home are growing in scope and comfort with each passing day, so we are constantly perfecting our applications, and each day takes us one step further.

In last year's issue, we showed you a large table summarizing the applications and laying out the structure for controlling individual elements and components. However, in just one year,

we have improved these applications so much that for example, the application iHC-MARF/MIRF has now become a full-fledge replacement of controllers. We have a new table for you this year,

which gives you a current summary of the functionalities of individual applications. All of these applications are free, and using them is only conditional to registration.

iHC iNELS Home Control	iNELS BUS System				iNELS RF Control		
							
	Connection Server		eLAN-RF-003				
FUNCTION							
	iPhone	iPad	SmartPhone	Tablet	iPhone	SmartPhone	SmartTV
	iHC - MI	iHC - TI	iHC - MA	iHC - TA	iHC-MIRF	iHC-MARF	iHC-TVC
Switching appliances	✓	✓	✓	✓	✓	✓	✓
Dimming appliances	✓	✓	✓	✓	✓	✓	✓new!
Control of RGB lighting	✓new!	✓new!	✓new!	✓new!	✓	✓	✓new!
Thermometers	✓	✓	✓	✓	○	○	○
Control of heating	✓	✓	✓	✓	○	○	○
Controlling blinds	✓	✓	✓	✓	✓new!	✓new!	✓new!
Favorites and Scenes	✓	✓	✓	✓	✓new!	✓new!	✓new!
Video cameras	✓	✓	✓	✓	✓new!	✓new!	✓new!
Analogue indicators	✓	✓	✓	✓	X	X	X
Time switching and dimming	✓	✓	✓	✓	✓new!	✓new!	○
Control of air-conditioning, recovery	✓	✓	✓	✓	○	○	X
Communications with the door phone	✓	✓	✓	✓	X	X	X
Summary of energy consumption	✓	✓	✓	✓	X	X	X
Miele home appliances	✓	✓	✓	✓	X	X	X
Automatic recording of changes on the server	✓new!	✓new!	✓new!	✓new!	○	○	○
Control of wireless elements (RF Control)	✓new!	✓new!	✓new!	✓new!	✓	✓	✓new!

Legend: ✓ Implemented ✓new! New ○ Coming Soon X Not available

Try out our applications online. You can control elements in real time in our showroom in Holešov or in Prague, and check by video camera just how you are doing. You can find these "promo" applications for downloading here: www.elkoep.com/applications



iHC - Promo



iHC RF - Promo

Choose the right "App"



Smart RF box
eLAN-RF-Wi-003



Controlling lights



Controlling blinds



Regulating heating



Securing buildings



Switching appliances

WIRELESS intelligent electrical installation

designed for existing buildings to add to an original electrical installation

The smart RF box serves in this case as an intermediary between the controller (telephone or tablet) and controlled appliances. Via WiFi (or cable), the telephone controls the smart box, which wirelessly transmits/receives commands to actuators for appliances.



Router

BUS



Controlling lights



Controlling blinds



Regulating heating



Securing buildings

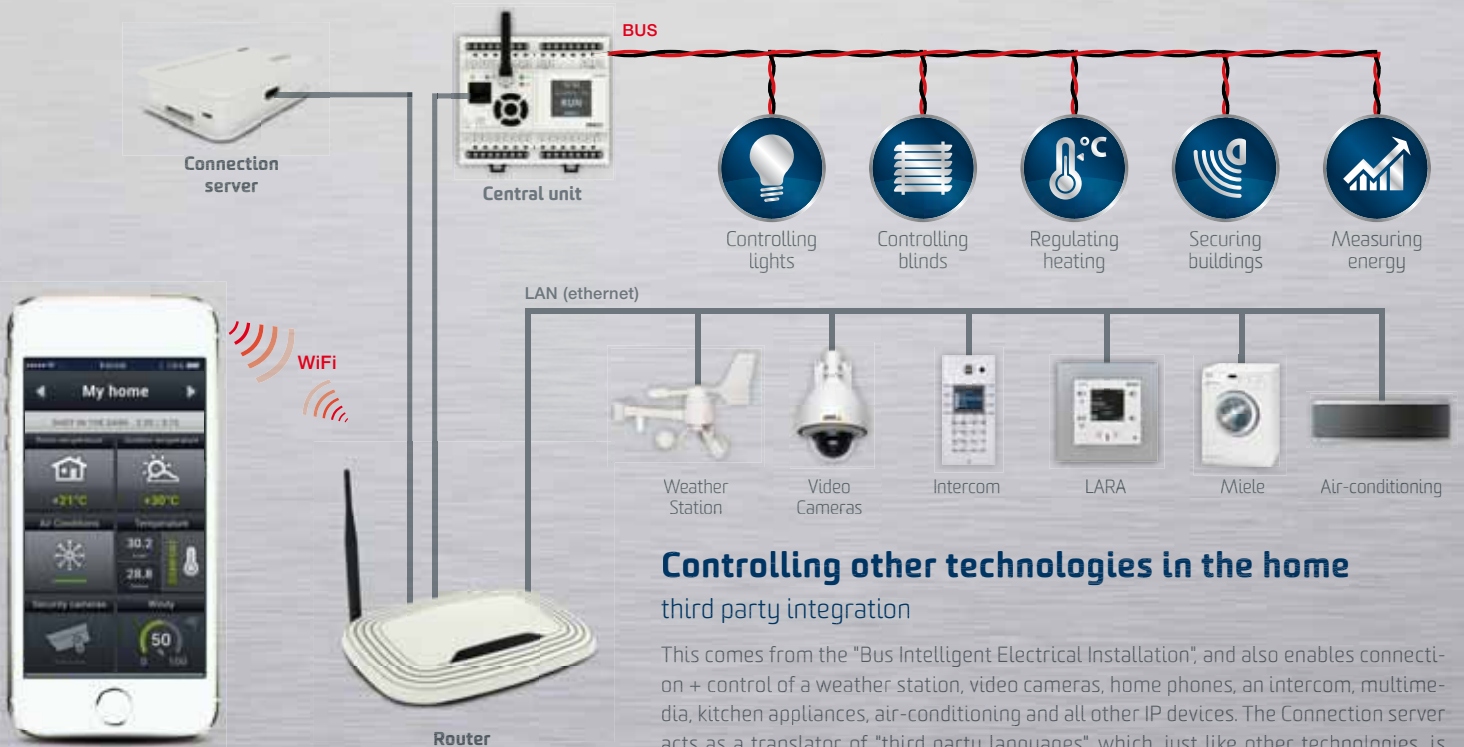


Measuring energy

BUS intelligent electrical installation

suitable for new constructions or reconstructions

All actuators from appliances are connected via a two-wire bus, which is connected to the central unit - the heart of the entire system. Just like the controlling telephone (tablet), the central unit is connected to the home WiFi network (Router).



LAN (ethernet)



Weather Station



Video Cameras



Intercom



LARA



Miele



Air-conditioning

Controlling other technologies in the home

third party integration

This comes from the "Bus Intelligent Electrical Installation", and also enables connection + control of a weather station, video cameras, home phones, an intercom, multimedia, kitchen appliances, air-conditioning and all other IP devices. The Connection server acts as a translator of "third party languages", which, just like other technologies, is connected via a standard Ethernet LAN network.

NEW iNELS (3rd GENERATION)

a brief summary of novelties!

WE ARE EVEN FASTER...

CENTRAL UNIT CU3-01M

The new central unit CU3-01M is faster, it has an exponentially larger memory and enables creation of projects nearly double in size than before. All of this provides much broader application of our system – from the home or office or even a hotel. Our partners also welcome the OLED display and control buttons on the unit's front panel. The display shows useful information on the status of the unit, and with the help of the buttons, it is possible to change the IP address right in the menu, greatly simplifying working with them.

WIRE(less)

CENTRAL UNIT CU3-02M

This second version of the central unit CU3-02M is additionally equipped with an RF Control module for communicating with wireless elements at a frequency of 868 MHz. So if necessary, you can take advantage of simply connecting the wireless system to the bus system.



INDESTRUCTIBLE... NEW POWER SOURCE PS3-100/iNELS

The new power source supports the UPS (uninterruptible power supply) function. Thanks to connection of backup batteries, this power source enables functioning of the system even if the power goes out. After electricity is restored, the batteries automatically charge, and are thus ready to back up the system once again. The PS3-100/iNELS provides the user its status information at any moment through 6 LEDs on the unit front panel, but also remotely via two STATUS outputs.



Power source - PS3-100/iNELS

EVEN BETTER... SWITCHING UNITS SA3-06M and SA3-012M

The new, six-channel switching unit SA3-06M is primarily used for control of thermal actuators in six-loop distributions of hot-water underfloor heating. The unit can also handle switching of lights or other appliances. Over-voltage protection and galvanic separation were also integrated into the SA3-012M unit, so the unit is very resistant to interference from the CIB bus bar.



Switching unit - SA3-012M

WE CAN CONVERT... CONVERTER iNELS - DALI / DMX EMDC-64M

Also new to our product line is the EMDC-64M, a converter for the DALI and DMX interface. Now it is possible from the iNELS system to comfortably control electronic ballasts DALI DMX receivers. Moreover, control is enabled not only from the bus system, but also from the RF Control wireless system.



Converter - EMDC-64M

The main "THRILLER" this year is the innovated and improved iNELS system, which our team of developers has created especially for you. Thanks to its new central unit, the iNELS 3rd generation system will find application not only in homes, but will also enable problem-free control of administration buildings, school buildings, hotels or manufacturing plants.

MORE INTELLIGENT, MORE REFINED, MORE MODERN

iNELS DESIGNER & MANAGER

Also undergoing general reconstruction was the parameterization software iDM, which is now simpler and clearer, yet offers more functions than its previous generation offers.

One of these advantages is e.g. support of multiple conditions, thanks to which it is possible to create more complex functions. The software also automatically blocks those options that cannot be selected due to the previous settings, or which could cause unclear function in relation to previous settings. In so doing, it helps users every step of the way.

Clarity is found in the possibility of creating individual floors and up to five layers per floor. This makes it possible to divide the project up clearly into lighting, heating, blinds and shutters, etc. At a given moment, it is possible to hide unneeded layers, facilitating the user's work.



WE DIM, NOW EVEN BETTER... DIMMING ACTUATOR DCDA-33M/RGB

The area of dimming also features a new product, the actuator DCDA-33M/RGB, for control of LED and RGB sources with 12-24 V DC power by variable current. Thanks to this unit, the portfolio of supporting dimmed loads has expanded, making it possible now to dim practically any type of load to which it is adjusted.



Dimming actuator - DCDA-33M/RGB

CONFIGURABLE, MORE ACCESSIBLE... EST3

The EST3 control unit has also been refined, for which there is now only a single version, and the user alone decides which screen to use. From the screen, the user can choose buttons, heating regulation, control of RGB light sources and an electronic security system keyboard. The price of the EST3 is now lower, making it even more available to users. The unit also falls into our concept of control of a hotel room, with the option of controlling everything necessary from one screen.



Touch unit - EST3

WE STAY AHEAD OF THE TEMPERATURE MEASUREMENT GAME TI3-60M, TI3-10B, TI3-40B

Also expanded was the portfolio of units for measuring temperature. Single-input and six-input units designed for DIN rail mounting are now offered along with the four-input unit. These TI3 series units support connection of temperature sensors Ni1000, Pt1000, Pt100, TC and TZ. For units designed for mounting into an installation box, the input for temperature sensors TC and TZ has remained intact. The measuring method is now much more sophisticated, and heating regulation is that much more accurate. Also changed are the wall controllers of the WSB3 series. Besides more accurate temperature measurement thanks to the built-in sensor, they now offer the option of connecting an external temperature sensor, e.g. for measuring the floor temperature. If there is no requirement for outdoor temperature measurement, two potential free contacts can be connected to the controller, e.g. motion detector, window detector, door detector, etc.



AUDIO VIDEO

Distribution and control of Audio-Video „in a different way“

The group Audio-Video includes products that open a new dimension to you in controlling music, video and multimedia.

The new product group Audio-Video is the result of our many years of work and efforts to offer you - our customers - complex control of not only typical electrical elements (e.g. lights or appliances), but also all other technologies that today have become an integral part of every home.

Do you want to have the kind of solution that provides you control over various systems for heating, ventilation, air-conditioning or increasingly popular video cameras, while controlling everything from a single application in your smartphone, iPhone or tablet? We have it available for you! A comprehensive solution for image and sound distribution throughout the home will resolve the problem once and for all of having so many players, Hi-Fi systems,

bunches of cables, countless CDs, DVDs and remote controllers in many different spots. That's because you can control everything in your home from a single application.

That's because you can control everything in your home from a single application. If you are among those finding it hard to keep on top of the offer of cheap and incompatible multimedia centers, never fear! This solution is just right for you.

Listen only to what you want
and where you want it!





iMM Client

The iMM Client makes your TV smart

The iMM multimedia center can communicate with every television and use it to the fullest. iMM can be run with just one remote controller, which can also replace all the other controllers to the TV, home theater or satellite dish. The controller can be a gyro controller (device similar to a wireless computer mouse), or the iHC application in your telephone or tablet.

So for what specifically can you use iMM? You can use it to watch movies, listen to music or browse photos. You store all these media at a

single central location and thus have access to it from the entire home without having to constantly carry around CDs or USB flash drives. Besides this, iMM can also communicate flawlessly with your satellite TV system. Thanks to the direct connection with the iNELS smart electrical installation, you can also control the heating or lighting in the entire home right from the TV screen (thanks to clearly displayed icons on the floor plan), and it is further possible to check images from your video camera or information from the weather station.

INTEGRATE USING THE CONNECTION SERVER

Connection Server is "a little brother" to the iMM Client, thanks to which it is possible from the iHC application to control all integrated technologies at home. It can enable communication with video (security) cameras, door communicators, Miele home appliances, and air-conditioning or recuperation systems.

In case of simpler applications, where only iNELS bus units are controlled, e.g. lighting, heating or blinds, it is possible to use configuration via a public server, which costs nothing. However, if you need to control the iNELS central unit from more than three devices simultaneously, the Connection Server is ready to make it happen.



Connection Server

THANKS TO IMM AUDIO ZONE-R, MUSIC IS MORE ACCESSIBLE

We are particularly serious about controlling music, so besides our device LARA, we have introduced another device, thanks to which you can have music in every room. iMM Audio Zone-R can be controlled from the television screen or iHC application, and is equipped with a 3.5mm audio output jack for feeding to an amplifier or active speakers. In their simplicity, they can satisfy the requirements of every customer for music in rooms, where a home theater isn't exactly required.



Audio Zone - R

All five together

The miniature network player of music and Internet radio with color OLED display has long become a sought helper for the music lovers out there. Now we have two expanded versions for you.

Everybody has a switch at home. But can you imagine that this switch can play the radio or other music, and that you can speak through it to others in the home or a visitor at the door? Yes, it is possible. We have succeeded in incorporating all of this into a single device the size of a switch. Along with speakers in the same design (for mounting in an installation box), you thus gain a very fast, elegant looking and inexpensive sound system for the bathroom or kitchen, where otherwise installing some audio Hi-Fi system would entail lots of wires and used up space. This small device however can handle energizing even a 20W speaker system.



The advantage to LARA is that it only connected to the LAN (computer) network with PoE power supply. If it does not have PoE power supply, we will supply as an accessory a PoE power supply, which is only connected to

the network, or it is possible to order a PoE switch enabling power supply to 5 or 8 LARA devices. Then you just connect the speakers - e.g. in the LOGUS⁹⁰ design, which you can combine in multiple frames and create a ver-

tical or horizontal "stereo system". Lara offers truly high-quality sound, and if you want to add great-sounding speakers, we recommend the built-in speakers EfaPel 5" / 30W.

LARA HAS TWO LITTLE SISTERS - ONE JUST AS PRETTY AND SMART AS THE OTHER.

Order code	Description	Radio	Music	Videophone	Intercom	Audiozone
8595188148719	LARA radio	●	●			
8595188149289	LARA videophone	●	●	●	●	
8595188150538	LARA iNELS multimedia	●	●	●	●	●

LARA SPECIFICATIONS

Display:

color OLED, 128 x 128 pixels, 26 x 26 mm

3 control methods, that can be combined:

- touch pads on the front panel (no buttons)
- remote control (part of supply)
- application on an iPhone or Android smartphone

Dimensions:

57 x 57 x 46 mm (excluding frame)

86 x 86 x 46 mm (with plastic frame)

94 x 94 x 46 mm (metal, glass, wood, granite frame)

Power:

PoE (LAN cable with power), DC 12-24V / 0.5-1.2A (based on output of connected speakers)

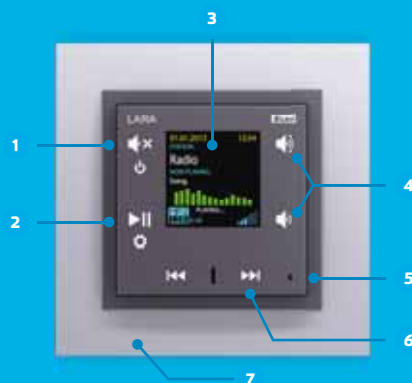
Inputs:

audio input stereo jack 3.5mm on front panel

Outputs:

2 x speaker with output max. 2 x 10W/80 Ω and line output 2 x 1V

OUTER DESCRIPTION OF DEVICE



- 1) MUTE
- 2) PLAY/PAUSE
- 3) OLED display
- 4) Volume control
- 5) IR receiver for remote control
- 6) Touch control
- 7) Audio input - 3.5 jack connector (AUX IN)

EXAMPLE OF INSTALLATION



LARA radio

YOUR INTERNET RADIO IN A SWITCH

LARA radio

Would you like to be able to listen to any of thousands of radio stations worldwide - FM radio free of problems or static? This is LARA radio. All you need is an Internet connection. Using the configurator, you preset your favorite stations into 40 positions, then select as you wish. You can find a list of world radio stations at <http://www.radiosure.com/stations/>

LARA music

Do you want to play your favorite music without having to constantly slide a CD in the player or hunt for MP3s in your PC? Now you have all your material in one central storage (NAS server) and you can share it with all household members. You can save files in mp3, wma, ogg or acc format.



VIDEOPHONE

INTERCOM

AUDIOZONE

LARA videophone

YOUR SMART CARETAKER

LARA videophone

If you wish, LARA can more than replace the average door phone. Thanks to the advanced IP door phones from the Czech company 2N, you can communicate in audio and video with LARA in your room. It is possible to connect multiple door phones, and up to 64x LARA devices.

LARA intercom

Do you prefer not chasing around the house to get your kids to come to lunch? Here too, LARA will assist you. It is possible to communicate two ways with words amongst individual participants or call everybody at once.



VIDEOPHONE

INTERCOM

AUDIOZONE

LARA iNELS multimedia

ALL FIVE TOGETHER

LARA multimedia

This is the largest representative in the LARA series. It fulfills the function of the Audiozone in the iNELS system, and includes all the properties of all versions (Radio, Music, Video-

phone, Intercom). You can control it not only from the Application, but also the Television. Compile your playlist and then play it in various Audiozones. You are the master of your music and you have all five together!



VIDEOPHONE

INTERCOM

AUDIOZONE



FROM ONE APPLICATION YOU CONTROL EVERYTHING

iOS/Apple



iPad

iPhone

Android (2.2 and higher)



Tablet

SmartPhone

Smart TV



iMM

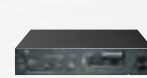


MULTIMEDIA

Videozone



Amplifier



Hi-Fi



eLAN-IR-003
CONVERTER
ETHERNET
TO IR CODE



LARA (Audiozone)



Audiozone



iMM Audio Zone-R

Pioneer *BOSE*



EXTERNAL COMMUNICATION

REMOTE ACCESS



Notebook



GSM



Internet

OPEN PROTOCOL



RPC.XML

Multimedia - XML RPC
Wireless - RFIO
BUS - ELKONET



DATA STORAGE

**ALL DATA SAFELY STORED
IN ONE PLACE**



NAS
(up to 8 TB)



USB DISK
(up to 4 TB)

WIRELESS SYSTEM

INEL
RF Control



eLAN-RF-003
SMART BOX



Touch unit



Wall controller



Temperature regulator



Remote control



Key alarm



Wireless socket



Switching actuator



Dimming actuator



Roll-blind actuator



Thermal actuator



Motion detector



Door/Window detector



RF RGB lamp
RF LED lamp



RGB strips



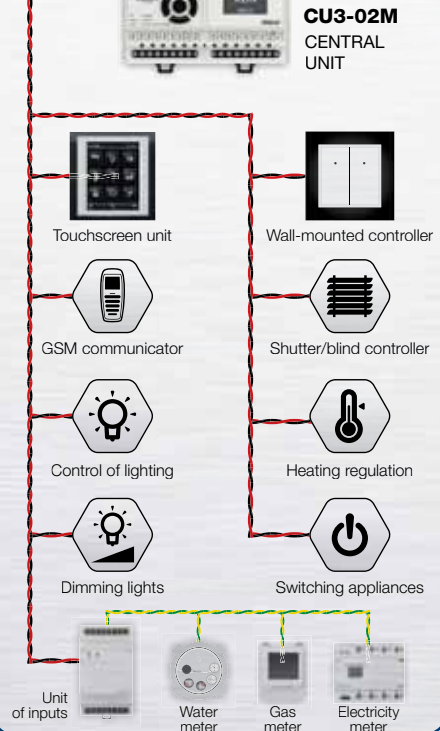
RGB panel

BUS SYSTEM

INEL
BUS System



CU3-02M
CENTRAL
UNIT



THIRD PARTIES



SWITCH



indoor IP
video camera



outdoor IP
video camera



Door phone



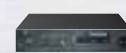
Safety
keyboard



Home
appliances



Weather
station



Amplifiers



Television



Boiler



Heat pumps



Recuperation



Air-conditioning

Manage, control, play... **Be smart!**

The Smart TV boom is in full swing, and joining forces with the dominant market player in this area - Samsung - was a true no-brainer... We've developed an application for the Samsung Smart TV that enables control of your appliances right from the TV screen.

THE FIRST APPLICATION IN THE WORLD CREATED SPECIFICALLY FOR A SMART TELEVISION

Most applications in Smart TV focus on playing audio-video content, streaming TV, games or in the area of learning. But we have gone the extra mile in bringing out the possibilities of the Smart TV.

Now, right from the TV screen, you can control not just lights and blinds, but also other appliances, which can be switched on or off.. Control occurs by means of the smart box eLAN-RF and selected wireless switches or dimmers (actuators). The simplest actuator is a switch, which you only "stick" into the wall socket to fit in between the controlled appliance.

STEPS TO SIMPLE INSTALLATION

- 1) decide which appliances you want to control and add the corresponding actuators to them
- 2) connect the smart box eLAN-RF (either via WiFi or LAN)
- 3) install the application iHC-TVC from the Smart Hub
- 4) set the basic parameters for communicating with the Smart Box
- 5) configure the control elements according to the guide



RFDEL-71M WE CAN DIM ALL TYPES OF LIGHT SOURCES

Universal dimming actuator used to control intensity of light of these light sources: LED, ESL, R, L, C. The light source type is set by the switch on the front of the device and the maximum output load is 600 W. We offer four options for control - by external existing button, by RF transmitter, by potentiometer, by signal 0-10V.



Dimming actuator - RFDEL-71M

RF LED BULBS EVOKE THE PERFECT ATMOSPHERE

LED lamps bring you the "play of lights" for creating just the right atmosphere when reading books, watching movies or enjoying a party with friends. We offer two lamp designs - RGB and White. Both have an implemented wireless actuator, providing you with simple, quick assembly and eliminating the need for complicated wire connections.



RF-RGB-LED-550 / RF-White-LED-675

RFSF-1 + PROBE FP-1 TIMELY INTERVENTION AGAINST FLOODING

The flood detector is used to monitor flooding of areas that include bathrooms, basements or garages. The flood detector is fed by battery, and a probe is installed in the monitored area (up to 3m probe cable length). A switching actuator must be used, which gives the command to the GSM gate (for sending), pump (for pumping out fluids), or valve (to shut off flow).



Flood detector RFSF-1 + probe FP-1

New products - relays

Everybody can regulate something manually. But we bring you automatic regulation!

AUTOMATIC LIGHTING REGULATOR LIC-2

It serves as a control unit for dimmers or electronic ballasts with analog control 0-10V / 1-10V. It therefore offers a simple way of controlling fluorescent lamps. One control unit can control up to 50 electronic ballasts. The sensor scans the light intensity in a room, and based on this, automatically regulates the brightness of the lamps.

- Output voltage: 0/1-10 V
- Max. load: 50 mA
- Supply voltage: AC 100-240V



Lighting regulator - LIC-2

SWITCHING CLOCK WITH DFC CONTROL SHT-6

This is used to control appliances in relation to real time, synchronized by the DCF 77 signal. Thanks to automatic time setting (by DCF 77 signal), it thus eliminates inaccuracies and time run errors.

- Number of functions: 1 channel
- Time range : minimum increment 1s
- Number of contacts: 1x switching (AgSnO2)
- Nominal current: 16A/AC1
- Supply voltage: AC 230 V / 50 - 60 Hz



Switching clock with DFC control - SHT-6

LEVEL SWITCH HRH-7

IP65 coverage makes HRH-7 ideal for operation in harsh conditions. The switch monitors the level in wells, tanks or other containers. The device can be set to the following configurations:

- the single-level switch of conductive fluids monitors one level (occurring by connecting H and D)
- the double-level switch of conductive fluids monitors two levels (it switches on at one level and switches off at the other). Selection of function pumping in or pumping out.



Level switch - HRH-7

New products – LOGUS⁹⁰

Integrity is our benefit! We therefore offer multiple functions perfectly matching your interior.

FOUR-PIN BUTTON

You can use the four-pin button for switching appliances and devices in various technologies that you have at home. This gives you everything combined into a single design - the LOGUS⁹⁰ design.



Four-pin button - 21164

DOOR BELL AC 230V

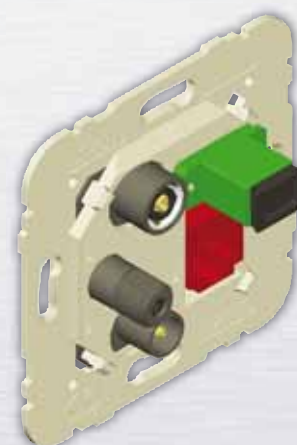
This is a classic type of 230V doorbell. Its indisputable advantage however is that it can be built directly in your interior and is designed to match your switches in the LOGUS⁹⁰ design.



Door bell AC 230V - 21990

MULTIMEDIA SOCKET

This socket from the LOGUS⁹⁰ series features an entire series of applications. A single socket can contain standard connectors R-TV-SAT and the connector 2 x RJ45 or optical connector FO-SC-APC. Everything is built into a standard single frame. The sockets are appropriate for all LOGUS⁹⁰ designs.



Multimedia socket - 21545

ETI - electrical devices

We keep your security in mind! It is good to have the world of energy under control.

EQUIPMENT FOR COMPENSATION

- Contactors CEM CN for switching condensers from 11-87kVAr
- Condensers KNK 2,5-50kVAr for voltage 400-525V
- Automatic regulators PFC 6-12 degrees
- Impedance coils FKD from 5 to 100kVAr



Contactor, condenser, regulator

TERMINAL BLOCK FOR DIN RAIL MOUNTING OF EDB

- Terminal block for DIN rail mounting of EDB
- Blocks of screw terminals for multiple connection of wires in the cabinet
- Self-extinguishing material
- Polycarbonate cover
- Mounting on DIN rail with screws
- 2 or 4-pin design to 125 A
- Cross-sections of connectible wires from 1.5 -35 mm²



Terminal block for DIN rail mounting

SURGE ARRESTOR ETITEC S

The surge arrester ETITEC S is a category II (II/T2/C) surge arrester for AC overvoltage 7 year warranty / replaceable modules Conforms to standard IEC 61643-11

It is equipped with:

- a metal oxide varistor (MOV)
- encapsulated surge arrester (GDT)
- current limiter (CL)
- thermal isolator
- signaling



Surge arrester - ETITEC S

IMPULSE RELAY B220-20 / B425-40

- Impulse relays B220-20 and B425-40
- New type of bistable impulse relay with 20A contacts
- Mechanical blocking
- Option of manual control



Impulse relay - B220-20 / B425-40

CIRCUIT-BREAKER ETIMAT P10

New series of circuit breakers ETIMAT P10 with short-circuit resistance 10kA. Innovated series of the circuit-breaker ETIMAT 11 in a new box and improved design.

- Current range 0.5A – 63A
- Types of characteristics B, C, D, K
- Variants 1p, 2p, 3p, 3p+N



Circuit-breaker - ETIMAT P10

FUSE DISCONNECTORS NV / NH

- Bus fuse sectionalizing switches for the 60mm system
- Fuse sectionalizing switches
- PTV-Ba HVL-B
- Size 00-3
- Accessories of fuse base D0, circuit breakers, motor starters



Fuse sectionalizing switch - NV/NH

ELKOLIGHTING pays dividends...

Places of our implementations, either nearby or abroad, are important for us, and we always take the advantage of our designed products.

Since our inception, we have emphasized customer satisfaction, quality and return on investments. We enjoy encountering place where somebody has given much thought to the lighting and tried to create various atmospheres of lit areas. Light can enhance the overall impression of the place you are in. A lovely and functional switch can understore

the interior design. Have a look at our implemented projects! The return on investments in these endeavors does not exceed one year.

We have now implemented an entire series of contracts. From a luxurious hotel in Kaprun, Austria, to an indoor swimming pool in Kroměříž, the Fénix optical center or the Kroměříž

branch of the Medical Rescue Service of the Zlín Region. Our products can also be found in luxurious kitchens supplied by the company Kuchyně Sykora. Effective lighting is important not only in large buildings, but in your home too. We will be happy to advise you on how to select the best lighting for the given area.



Hotel 4Gourmets, Kaprun, Austria



Indoor swimming pool Kroměříž



Hotel Tacl***, Holešov

We are proud to present ourselves

Though the company ELKO LIGHTING, s.r.o. has only been up and running since 2010, it has not remained idle, and last year they introduced themselves to you at three important Czech trade fairs. The trend in ecological lighting continues forward.

Since its start, it has formed perfect symbiosis with ELKO EP, which for you means that you need not worry about the compatibility with individual light sources.

LED light sources fulfill high demands not only for electromagnetic compatibility, temperature radiation, but mainly light parameters. They contain high-quality LED chips from renowned producers, and use the switched sources for power supply. All this enables not only longer service life, but also dimming of these products. This applies to LED lamps as well as LED strips or LED panels.

This year, you could see a live demonstration at the trade fairs Světlo v architektuře, FOR Arch, or FOR INTERIOR.

We attended FOR ARCH and FOR INTERIOR for the first time, and such boisterous interest in LED light sources assured us that our work is indeed meaningful. The ELKO Lighting exhibit was not just a presentation of light sources, but it also offered visitors various possibilities for use in home wiring schemes, e.g. control and dimming of LED lamps and LED strips. Using the touchscreen unit RF Touch or remote control RF Pilot, visitors could try their hand at wireless-

ly controlling the presented LED light sources. This was another way for us to thank you for your participation, and we look forward to cooperating with you in the future.

In case of any questions or interest in cooperation, please contact us by telephone at +420 773 773 736 or e-mail at bakalikova@elkolighting.cz.



Světlo v architektuře, Praha



FOR ARCH, Praha



FOR FURNITURE, Praha

RF RGB / White bulb

Lately much has been written about light bulbs. From halogen lamps to LEDs. Are you unimpressed with stereotypes? Are you looking for something else? A slightly different way to illuminate?

RF RGB bulb

We have something entirely unique for you. The RGB lamp itself has stood the test of time, its genius is grounded in the implemented RF module. You need not buy anything else, the RF actuator is built in (facilitating work when mounting too - there's no need to think of where best to anchor the actuator). The brain of this genial lamp is the smart box (eLAN-RF), which receives commands from your smart phone and transfers them to RF (which address the mentioned actuator inside the lamp). It is also possible of course to change all colors, increase or decrease brightness, or activate the "circus" function, i.e. automatic color

switching (during a party). However, if you do not require a lamp that can change colors within the entire color spectrum, the RF White lamp will suffice, having two colors.

RF White bulb

It is an LED lamp that like the RF RGB, has a built-in RF module, so you don't need any more actuators to control it or boxes for installation. Just screw the bulb into the socket E27 (= most frequently used socket), then set it on the key alarm, wireless switch or your smartphone (using the smart box eLAN-RF) and everything is ready to be controlled.

You can choose between warm and cold white, which you switch by a selected controller. The bulb can not only change these colors, but also the light intensity - brightness. RF RGB White has Luminous flux [lm] of 675 lumen, from which it is clear that this is not just some "phantom" light, but a truly high-performance lamp, which brings you the option of changing color and controlling brightness, which you will appreciate during many various activities (reading a book, having fun with friends, etc.).

Technical parameters:

	RF-RGB-LED-550	RF-White-LED-675
Replacement for	60W	60W
Power	9W	10W
Light temperature	RGB	2600K, 5000K
Socket	E27	E27
Luminous flux	550 lm	675 lm
Voltage	100-240V AC	95-250V AC
Frequency	50-60 Hz	50-60 Hz
Color control	Yes, iHC applications	Yes, iHC applications
Lamp size	65x115 mm	65x115 mm



LED TUBE

THE MOST ENERGY-EFFICIENT ARTIFICIAL LIGHT SOURCE

LED tubes are excellent for their up to five times lower electricity consumption and long service life. Lighting takes on a feel of luxury and perfectly matches our times as we try to save energy wherever possible.



Type: LT-G13-60-3K / ...4K / ...6K

LED DOWNLIGHT

EVEN CEILING LIGHTS CAN BE STYLISH

LED downlights are designed for flush mounting into the ceiling, and are suitable for offices, storage areas, shops and technical rooms. ELKO lighting offers LED Downlight light sources in three different sizes and outputs.



Type: DL-86-500-3K / ... 4K / ... 6K

LED SPOT LIGHT

A CLASSIC WITH BROAD APPLICATION

LED spot lights offer the most efficient transfer of electricity to light, and long service life. It often finds use in built-in ceiling lights, because it heats up much less than a halogen lamps or spotlights.



Type: DLSL-GU10-350-3K

Reference from here and abroad

Our philosophy reflects the motto "always something more". We strive to approach every customer and implemented contract with this philosophy in mind. After all, there is no better advertisement than a satisfied customer!

MÖVENPICK HOTEL ***** DUBAJ

Hotel Mövenpick Jumeirah Beach is found in the heart of one of the liveliest and most dynamic places in Dubai. Along with our partner, the company ARMITI TRADING LLC, we have implemented the iNELS products in the wiring scheme of this five-star hotel. Implementation of this contract took place in October 2013.



Mövenpick Hotel*****, Dubaj

DELTA LIGHT BRNO

Delta Light offers a wide range of lamps for illuminating both interiors and exteriors, which are considered high-quality lamps in Europe and beyond. All lights in this luxurious showroom are controlled using WSB and the application iHC, which is installed in the tablet on the wall.



Delta Light, Brno

THE YARD RESTAURANT IN PŘEDBOJ

Yard Resort - an uncommon multipurpose complex found in the town of Předboj. The iNELS Smart Home Solutions system switches the lighting in the entire restaurant, and regulates lighting in relation to the outdoor light. This lighting can be regulated remotely too using a smartphone application.



Restaurace Yard, Předboj

SWEET SHOP HARRER / ŠOPROŇ (HU)

Šoproň is a Hungarian border town, much of which is surrounded by the Austrian border. Vineyards of red and white grape varieties dot the area. In the heart of town, there is a chocolate factory and the sweet shop named Harrer, where they produce countless types

of high-quality chocolates and other treats. It is a family-owned business supplying several other sweet shops and stores in Hungary and Austria. And the heart of the electrical installation of this small business is our very own iNELS system.



Showroomy

There are more and more places where you can find our system and try it out. You can find a current list of our showrooms at the website www.inels.cz and visit the closest one with the intelligent electrical installation

MIELE GALLERY BRNO

In cooperation with the company Miele, we have now opened a second showroom. In Prague and Brno, you can see for yourselves mainly how our system functions with this brand's appliances. We also offer you the chance to try out our system iNELS Multimedia, by means of which you can control e.g. the light intensity or check who has just come to visit via the video camera system. Find out more at www.miele.cz.



Miele Gallery, Brno

DIAMOND DESIGN PRAHA

The RF Control is pushing out the competition. That is how one could refer to the situation in the showroom Diamond design Praha. There were originally supposed to be two extremes here in controlling roll-blinds, blinds and shutters. Expensive control in combination with cheap Polish control and an outdated type of wall switches. But we brought something else, something the competition does not offer. A Czech product at a reasonable price. We also offer control of applications from a telephone and an entire series of other advantages. Come see for yourselves that control and elegance can go hand in hand. Find out more at www.diamonddesign.cz.



Diamond design, Praha

LEDBOW PRAHA - LED HOUSE

In cooperation with the company E-Profit, s.r.o., we have created the concept of a solution for the new showroom LED House, which includes wide-ranging solutions - retail, hotel room, shop, office. You will find a differently designed solution in each room - relay, wireless and wired installations. The diversity of control, from a switch to a remote control, a tablet or TV, also offers a choice for everybody. Come check out the comfortable control and see the solutions that could be just right for you! Find out more at www.ledbow.cz.



LEDbow, Praha

FURTHER OVERVIEW OF SHOWROOMS

ELKO EP, s.r.o.



ELKO EP, s.r.o.
Palackého 493
769 01 Holešov
E-mail: info@inels.cz
Phone: 800 100 671
web: www.inels.cz

iNELS, Sykora Home



iNELS, Sykora Home
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190 00 Praha 9 - Vysočany
E-mail: paha@inels.cz
Phone: +420 773 773 735
Web: www.inels.cz

Kuchyňské studio Sykora Průhonice



Kuchyňské studio Sykora Průhonice
Průhonická 119
251 01 Průhonice - Čestlice
E-mail: info@sykora-pruhonice.cz
Phone: +420 777 680 052
web: www.sykora-kuchyne.cz

Centrum bytových proměn



Centrum bytových proměn
K Nádraží 19
190 15 Praha 9 - Satalice
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Phone: +420 227 229 550
web: www.bytovestudiopraha.cz

Beneš nábytek



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SYMERSKÝ s.r.o.



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Diamond design - showroom Zlín



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2014 We are exhibiting with a new look

Spring brings with it new fashion trends every year. Old, boring clothes get buried deeper and deeper in our closets. Then come new, refreshing and entertaining ones. It is no different with our exhibition stand.

This year we took part in the trade fair Integrate Systems Europe –ISE in Amsterdam. And we were no longer sporting our old look. The dominant feature of the stand - Corian® furniture - was the biggest eye-catcher for customers. As opposed to last year, we exhibited in TOP hall number 1, and our stand

was very hard to miss. The stand installations included 4 workplaces (RF+BUS installation, LARA, Multimedia + 3rd parties, Hotel room). And just like every outfit deserves the right accessories, our stand featured them too. The overall impression was highlighted by RGB strips, which gave the workplaces the right

touch, and their colors could also be controlled by the system RF/BUS control.

Thanks to the great success that this trade fair meant to us, we will continue to present the new concept of the exhibition stand. Judge for yourself whether you like it.

SUMMARY OF TRADE FAIRS FOR ELKO EP IN 2014

Date	Name	Exhibitor	Location
27. - 28. 2.	Elektrotechnická výstava	ELKO EP Czech Republic	Ostrava, CZ
11. - 16. 3.	Nábytok a Bývanie	ELKO Lighting / ELKO EP Slovakia / Trachea, s.r.o.	Nitra, SK
20. - 23. 3.	For Furniture	ELKOLighting	Prague, CZ
26. - 29. 3.	CONECO	ELKO EP Slovakia	Bratislava, SK
26. - 29. 3.	InterBuildExpo	ELKO EP Ukraine	Kyjev, UA
30. 3. - 4. 4.	Light & Building	ELKO EP Czech Republic	Frankfurt, DE
2. - 6. 4.	Construma Budapest	ELKO EP Hungary	Budapest, HU
13. - 16. 5.	AquaTherm Kyjev	ELKO EP Ukraine	Kyjev, UA
26. - 29. 5.	Elektro Moskva	ELKO EP Russia	Moskva, RU
17. - 20. 6.	Energetika a Elektrotechnika	ELKO EP Russia	Saint Petersburg, RU
16. - 20. 9.	FOR ARCH	ELKO EP Czech Republic	Prague, CZ
17.- 20. 11.	The Big 5	ELKO EP Middle East	Dubaj, SAE

School - a basis of life

Our aim is to address talented and active young individuals from the ranks of students who know what they want. We then offer the best possible future cooperation, when they will fully engage in developing our company.

In this regard, we thus provide the opportunity to young persons who are not satisfied with just theory, but want to engage in real practice

A gap often forms between studies and real practice, which is often filled with unrealistic impressions about work and about how a company operates and is managed. We therefore strive to minimize this chasm and show students how things work in our company specifically. One of the variants of this "narrowing" of the gap involves technical excursions, which we perceive as an opportunity for them to "sniff out" processes of development and production of our products.

Another form of cooperation involves technical lectures aimed at utilizing a wide spectrum of possibilities offered by the iNELS system; we implement this directly in educational institutions. We have given presentations e.g. at the Faculty of Information Technology of

Brno Technical University (VUT), and the Faculty of Applied Informatics at Tomas Bata University in Zlín (TBU). We are planning to continue this year!

Of course we provide support in writing technical theses or projects, whose submission comes from specific ideas from practice. Defense of these projects occurred in January, specifically on the topics of the Passive Home controlled by iNELS, WiFi LED lamps, Comparison of applications for control of smart homes, and others.

In the academic year 2013/14 we offer:

- Technical excursion directly in our company
- Job training and internships
- Topics for theses
- Lectures
- Training for students and teachers

Current open topics of BD/DP in the area of development include:

- Automatic updates of the iMM
- Voice control of the electrical installation iNELS RF Control
- Climate controller for iNEL with API interface

Do you want to work with us?
Don't hesitate to contact our
HR department.

Training for partners

Are you interested in intelligent electrical installation systems? Do you want to become our system partner? Are you an assembler, designer or just an enthusiast of modern systems? Our training sessions are designed with you in mind.

We are constantly developing new products and innovating our mainstays. At our training sessions and seminars, we will be happy to familiarize you with our assortment, which includes modular electronic elements, the iNELS BUS System, the wireless iNELS RF Control system, ETI protective elements, the design series of switches and sockets LOGUS⁹⁰ and LED lighting. For this purpose, we hold three types of training, in which everybody can find something.

Training on the iNELS BUS System, designed for system partners, electrical engi-

neers, designers, end customers and everybody wanting to become familiar with these systems.

Training on the iNELS RF Control, during which you can become familiar with the wireless system RF Control, and gain both theoretical knowledge and practical experience, which you will apply upon installation of this system.

Training on electrical installation systems for home building and industry
During this day-long seminar, we will familiarize you with the possibilities of designing the iNELS system and commission system

concerning this intelligent electrical installation system. We also discuss new products in the area of the wireless version of the electrical installation. These seminars are mainly geared towards designers, but also assembly companies and technicians.

The seminar is included in the lifelong education program called ČKAIT. The training program is officially assigned one credit hour.

You can sign up via our website!



Training on the iNELS RF Control



Training on the iNELS BUS System

You can find an updated summary
of training sessions held in 2014
at our web page
www.elkoep.com/fairs-trainings/

Out with the old

and in with the iNELS

You will love it – your new “intelligent” home with the iNELS system!



Dimensions are approximations. Please review lot plans for precise measurements.

iNELS
smart home solutions

www.inels.com

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