

Product lines

Intelligent solutions for the future



Welcome to Iskra

We are Iskra, a **family-owned enterprise with a rich history** spanning almost 80 years. Our journey began in Europe, where we laid down our roots, and from where we've grown into a globally recognized name in the field of cutting-edge technology. At the heart of Iskra is the Šešok family, the driving force behind our vision and core values. Led by **Dušan Šešok and his sons, Klemen and Matija**, we pride ourselves on a leadership that combines decades of experience with youthful innovation.

We are inspired by tradition, enlightened by professional knowledge and driven by a commitment to **continuous innovation**, always seeking to push boundaries and stay ahead in our field. Decades of industry knowledge and our **customer-centric business approach** have enabled us to always offer customers more, creating value in every aspect of our relationship with them.

With over 10.000 products in our portfolio and a wide presence in over 100 countries with millions of installations per month, Iskra products are one of the most trusted components in the industry.



Iskra is a globally recognized provider of intelligent industrial solutions and cutting-edge electro-technical products.

Celebrating



Inspired by tradition
Driven by innovation
Guided by knowledge



1946

The foundation of Iskra, Factory for Electrical Engineering and Precision Mechanics Kranj



1946 - 47

Development of the E1 single-phase induction meter, cam switch and cage switch



1953

Development of a new branch in the switchgear sector – contactors and protective switches

1956

First FM antenna and T1 three-phase meter developed



1961

Opening of the modernized production plant in Otoče and merger with Iskra Capacitors Semič

1964

First system solutions developed



1970

Iskra becomes the largest company in the region. Production is also increased through cooperation agreement with the company VEB Elektroapparatwerke



1979

Davorin Savnik designs the ETA 80 telephone



2003

Iskra Laboratories accredited by the Slovenian Accreditation



2015

Development of the first bistable switch BICOM



2016

Development of the first measuring center iMC784



2019

Acquisition of Šibenik Shipyard, the leading ship repair yard on the eastern coast of the Adriatic Sea



2021

Acquisition of Elka, the largest electric cable manufacturer in SEE



2022

Fully Eichrecht compliant Energy meter



2024

Iskra becomes the majority owner of Elmap, a smart engineering company for water, energy and industry



2025

Acquisition of Experio, a precision engineering and industrial automation for metal processing company



2025

Acquisition of ASIST, an engineering and technical consulting firm specializing in automation and traffic control systems for road infrastructure and related projects

OUR ENVIRONMENTAL, SOCIAL AND GOVERNANCE POLICY



” I take great pride in championing a business philosophy rooted in responsibility, innovation, and long-term value creation. At ISKRA, sustainability and Environmental, Social, and Governance (ESG) principles are not peripheral initiatives — they are fundamental elements that shape our strategy, guide our leadership, and influence every aspect of how we operate. I am firmly convinced that enduring success is achieved when commercial performance aligns with ethical practices and environmental stewardship. This belief drives my commitment to integrating sustainable thinking into our business model - from advancing energy-efficient solutions and reducing emissions to fostering diversity, inclusion, and accountability across our teams. Through a culture of collaboration and forward-looking leadership, we aim to create shared value for our customers, partners, and communities, while safeguarding the resources that sustain us all. At ISKRA, we see sustainability not as an obligation, but as a strategic advantage - one that defines our identity and ensures our continued relevance in a rapidly evolving world.

Luka Tamše
Director of Sales

ESG



Iskra is a proud investor in ALFI Green Energy Fund, a specialized investment fund that invests in on-shore wind and photovoltaic power plants in SEE (Slovenia, Croatia and Serbia). With the latest project Krivača wind power plant, 75,000 households will be supplied with the green energy, and will decrease CO2 emissions for 120,000 tons per year.



Our R&D departments are intensively engaged in the development of products with a sustainable purpose, such as smart energy meters that allow the end user to analyze energy consumption for the best possible efficiency, and smart gateways that enable the control of various energy consumers to predefined settings, or pulses from sensors.

We strive to provide equal opportunities for all people, regardless of gender, nationality, race, disability, age or other personal characteristics, and thus strives to promote an inclusive work culture through open communication and diversity.



Based on the actual data, at Iskra are currently employed 50.26% of men and 49.73% of women. Also, 4.69% are foreigners, including people from Iran, Somalia, Balkan countries, etc. The feeling of inclusion is also indicated by the fact that we founded a subsidiary company, Iskra IP d.o.o., where we employ highly qualified individuals, most of whom (64.20% in 2025) have the status of persons with disabilities.



SUSTAINABLE DEVELOPMENT GOALS

At Iskra we view the SDGs as an important accountability and measurement mechanism, and as such we are committed to advancing specific SDGs that align with our strengths as a business and our ability to make an outsized impact.

We have stated our alignment with the following SDGs:



3.38 MW Iskra
PV systems combined



4.4 MW ELKA
PV system



0.75 MW Iskra Shipyard
PV system

In 2025, we expanded our renewable energy capabilities with a 8.5 MW portfolio of commercial-scale solar PV systems and a 4.1 MW / 8.2 MWh portfolio of battery storage systems, reducing emissions and increasing energy self-sufficiency.

Our fully hybrid car fleet is on track to convert entirely to electric by 2030, and the acquisition of ELMAP, a wastewater filtration company, strengthens our water purification and sustainability efforts. These initiatives highlight our commitment to measurable emissions reductions, resource efficiency, and responsible growth.

Water purification
aquisition of ELMAP
waste water filtration company



4.1 MW / 8.2 MWh
portfolio of own battery energy
storage systems



All-hybrid
car fleet to be converted
by 2030



PRODUCTS FOR RESIDENTIAL APPLICATIONS

In residential installations, low voltage switchgear plays a fundamental role in delivering safe and efficient power throughout a home or housing complex. It ensures the reliable distribution of electricity to all circuits, while protecting the installation from overloads, short-circuits and other fault conditions. It also provides a means of safe isolation of individual circuits or equipment during maintenance or in emergency situations.

Iskra's low-voltage switchgear is designed and manufactured to high quality standards - integrating robust materials, precision assembly and rigorous inspection - so that homeowners and building operators can depend on continuous, secure power distribution and minimal downtime.



► Latching relays

Bistable switching with remote control and ultra-low power consumption.



► FI4 125 A

High-capacity residual-current protection up to 125 A for heavy-duty installations.

► Iskra's low-voltage switchgear delivers reliable, secure power with high-quality materials, precise assembly, and rigorous inspection.

Smart energy meters

IE, WM series



Switch disconnectors

DSN, RV5 series



Miniature circuit breakers

RI2, RI5, RI7, RI10 series



Latching relays

BI series



Residual current devices

FI, NFI, AFI, KAFI, RFI series



Installation contactors

IK, IKA, IKD series



Surge protection devices

ISPRO series



Distribution boards

NO, PO, INO, IPO series



PRODUCTS FOR INDUSTRIAL APPLICATIONS

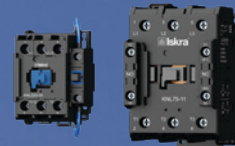
Miniature contactors

KO series



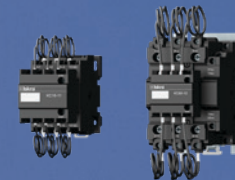
Contactors

KNL series



Capacitor duty contactors

KC series



Motor protection switches

MS series



Miniature circuit breakers

RI2, RI5, RI7, RI10 series



Molded case circuit breakers

MOD series



In industrial environments, low-voltage switchgear from Iskra plays a crucial role in safeguarding, controlling and efficiently distributing electrical power across large-scale facilities - from factories and power plants to commercial complexes. Designed and manufactured in Europe to the highest standards, these solutions integrate robust materials, precision engineering and comprehensive inspection regimes, ensuring high reliability, long service life and minimal downtime.

Whether it's motor-protection circuit breakers, heavy-duty contactors, moulded-case breakers or capacitor-duty switches, Iskra's industrial switchgear enables safe isolation, overload and short-circuit protection, and automated control of key loads - helping operations maintain continuous productivity, optimise energy use and meet stringent safety and regulatory demands.



► MS32

High short-circuit capacity, compact design, and flexible modular installation for superior motor protection.



► Contactors KNL

Versatile and robust, designed to handle inductive, resistive, and capacitive loads - particularly electric motors - with high reliability.

MEASURING INSTRUMENTS

For 80 years, Iskra has stood as a symbol of European engineering excellence, combining tradition, innovation, and precision in every product it creates.

Within its Measuring Instruments range, Iskra offers a comprehensive selection of devices that measure, monitor, and optimise electrical systems. From universal meters and power monitors ensuring accuracy and efficiency, to transducers, energy meters, and smart communication units enabling precise control and digital integration, each instrument reflects Iskra's reliability and innovation. Supported by analogue tools and essential accessories like current transformers and shunts, these solutions embody Iskra's long-standing European quality and expertise - making electrical systems smarter, safer, and more efficient.



► iMC784

Class A analyser for continuous monitoring and analysis of power quality, with waveform recording, transient detection, and modern communication support (MODBUS, DNP3, IEC 61850).



► iMT540 & iRD500 Multifunction Transducer with Remote Display

Measurements of instantaneous values of more than 140 quantities, such as voltage, current, frequency, power, energy, THD and phase angles.

► With Iskra's measuring-instrument portfolio, you get tools and systems that help you measure, monitor, analyse and optimise electrical systems - whether it's a simple installation or a complex grid.

Energy meters



Universal measuring devices



Measuring transducers and supervision relays



Smart gateways



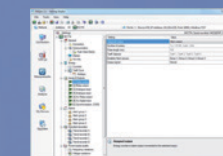
Synchronization devices



Analog meters



MiQen settings software



PRODUCTS FOR EV CHARGING STATIONS

Energy meters

WM3M4, WM3M4C, IE14, IE38Mx



Capacitors

MKP, MKT, X2, Y2, Snubber, DC links



Residual current circuit breakers (RCCB)

Type A, Type B, Overcurrent protection



Installation contactors

IK series



Miniature circuit breakers (MCB)

RI7x series



We provide top-quality components for electric vehicle (EV) charging stations and solutions for automotive applications, considering a diverse selection of electronic capacitors specifically designed for EVs.

Our product range also includes reliable power monitoring devices, energy meters, and protection switches, ensuring safe, efficient, and smart operation of charging infrastructure while meeting the highest European quality standards.



► WM3M4C

Award-winning Eichrecht compliant smart energy meter.



► FI4-EV

Residual direct current protective device (RDC-PD)

Advanced protection for EV charging stations.



RENEWABLE ENERGY SOLUTIONS

Dedicated to delivering innovative technology and environmentally friendly solutions, Iskra provides a comprehensive range of components for renewable energy applications, including both wind and solar power systems.



For wind energy, Iskra manufactures advanced components designed for wind turbine applications, such as turbine supervision, protection and control equipment, power quality and electrical parameter monitoring instruments, power factor correction systems, capacitors, capacitor duty contactors, and power factor controllers. Our products are trusted by production facilities, power plants, and electrical distribution companies worldwide.



In the field of solar energy, Iskra offers high-quality components for photovoltaic applications, including solar panel boxes, energy meters, capacitors, protection switches, residual current circuit breakers, and switch disconnectors. We also provide dynamic reactive power compensation and power factor correction systems to enhance efficiency and prevent power factor penalties.

► Through continuous innovation and commitment to sustainability, Iskra delivers valuable energy solutions that support a cleaner, smarter, and more efficient future in a rapidly evolving renewable energy industry.

► General purpose capacitors and DC links



► Metering equipment



► Supervision relays and transducers



► Power Quality analyzers



► Protection switches



► Residual Current Circuit Breakers



► Surge protection devices and relays



POWER AUTOMATION AND PROTECTION

Brace your power. Improve your energy use.

Iskra provides holistic industrial solutions (instrumentation, software packages and services) for energy sector to help you achieve the most ambitious and challenging targets.

► Protection relays
FPC 200, FPC 400



► Protection and control relays
FPC 680, FPC 680i



► Bay computer
CAU 380



► Control data acquisition software
MCE 940



► System communication unit
SCU 810



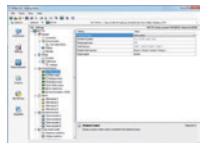
► Extension communication unit
ECU



► Power System Manager
NEO3000



► Miqen Settings Studio
Device management software



Target the problems in power use

Optimize energy consumption

Control power quality

Prevent potential costly damage

Plan your future energy use

CAPACITORS

Iskra manufactures and supplies a wide range of capacitors and Power Factor Correction (PFC) equipment for various functions in electric circuits. Our portfolio includes power electronic capacitors, low- and high-voltage power capacitors, heat-induction capacitors, surge protection capacitors, and specialized capacitors for audio-frequency and automotive applications. These solutions are among the most practical for increasing system power quality, improving energy efficiency, and ensuring reliable operation across industrial, commercial, and infrastructure installations.

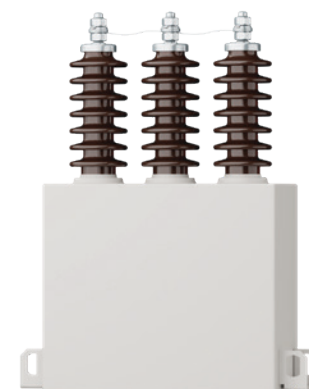


- ▶ **Snubber, switching capacitors**
KNO, KNP
- ▶ **DC link capacitors**
KNG
- ▶ **Power capacitors, Surge protection capacitors**
KLV
- ▶ **Low voltage power capacitors**
KNK
- ▶ **Capacitors for audio-frequency remote control**
KLT
- ▶ **Induction heating capacitors**
KLS
- ▶ **Capacitors for power electronics**
KNI
- ▶ **Motor starting and motor running capacitors**
KNM
- ▶ **Capacitors for use in electronics**
KEU, KNI, KNU
- ▶ **Capacitors for use in motor-driven applications**
KEA, KPA
- ▶ **Capacitors for use in automotive electronics**
MKP
- ▶ **Filters for radio interference suppression**
KPB, KNB, KNR, KPR, KPL, KNL
- ▶ **Capacitors for use in EV charging stations**
MKP, X2, Y2

POWER FACTOR CORRECTION

Lower your energy costs with lower effect of reactive energy of electrical devices.

- ▶ **Power factor correction capacitor banks** decrease electrical energy costs and increase system efficiency
- ▶ **Using power capacitors** is one of the most practical solution to increase system power quality
- ▶ **Power capacitors** are a maintenance free and inexpensive source of reactive energy needed in very inductive electrical system



High voltage power capacitors



PFC capacitors for low voltage



Power factor control relay



Capacitor duty contactors

The benefits of power factor correction



Improve the quality of the electrical network at a site



Compliance with grid operator / DNO requirements



Increase reliability, longevity and lifespan of equipment



Reduce your energy costs



Inherently reduce CO₂ emissions

Industry solutions

MANUFACTURING SERVICES

► Design & Engineering services

With decades of experience in developing and integrating complex electronic systems, Iskra has established itself as a leading **EMS provider**, recognized for exceptional quality and strict compliance with **European RoHS lead-free (Pb-Free) standards**.

► Manufacturing SMT and THT assembly

The company employs both **Surface Mounting Technology (SMT)** and **Through Hole Technology (THT)**, using next-generation equipment to achieve high assembly speed, precision, and the detection of even the smallest defects.

► Electrical Contact Assemblies

In addition, Iskra's robust logistics network ensures reliable and timely delivery to customers around the world.

► Ultrasonic and vibratory cleaning finishes

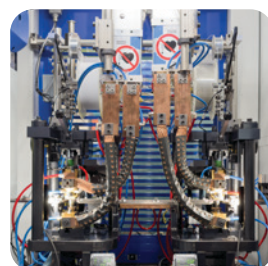
► Accredited calibration laboratory

► Programming and testing

► Reliable Logistics system

► After-sales services

Its **Electrical Contact Assemblies** division offers comprehensive, end-to-end manufacturing — from design and prototyping to full-scale production — using materials such as copper, brass, and silver alloys. With 100% welding control, robotic inspection, and advanced finishing processes like ultrasonic cleaning and sandblasting, Iskra guarantees superior durability, performance, and long-term reliability.



Industry solutions

ELKA CABLES

ELKA is a leading energy cable producing company at the markets of Croatia, Bosnia and Herzegovina, Slovenia, and beyond.

Using the knowledge and experience we have been developing since 1927, we offer innovative, high-quality products and services, creating added value for our customers and end users. We are proud that our clients recognize our quality, expertise and reliability.

With the own R&D department and constant investments in new capacities and modernization of existing ones, we have grown into experts in the development and production of special cables for the modernization of railway infrastructure, airports, TV and film industries, and special cables for the Airbus aircrafts. We are successfully fulfilling our mission of maintaining a leading role in the region and expanding our business to other foreign markets.

Quality is essence to our business.

When it comes to the quality, we make no compromises. Our products are developed, constructed, manufactured and delivered by our strict in-house rules and in accordance with internationally recognized standards.



Quality management system
ISO 9001:2015



Environmental management system
ISO 14001:2015



Occupational health and safety management system
ISO 45001:2018



Energy management system
ISO 50001:2018



► Low voltage power cables

► Medium voltage power cables

► High voltage power cables

► Rubber signaling railway cables

► Rubber track feeder railway cables

► Telecommunication cables

► Aluflex Aluminium flexible cables

► Shipboard and offshore cables

Explore Iskra products and solutions



Product lines
Intelligent solutions for the future



Smart Energy Meters
leaflet



Low Voltage Switchgear for Residential applications



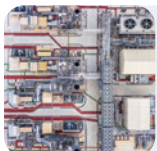
Low Voltage Switchgear for Industrial applications



Capacitors
brochure package



Power Electronic Capacitors



Power Factor Correction Equipment for Low Voltage



Power Factor Correction Equipment for High voltage