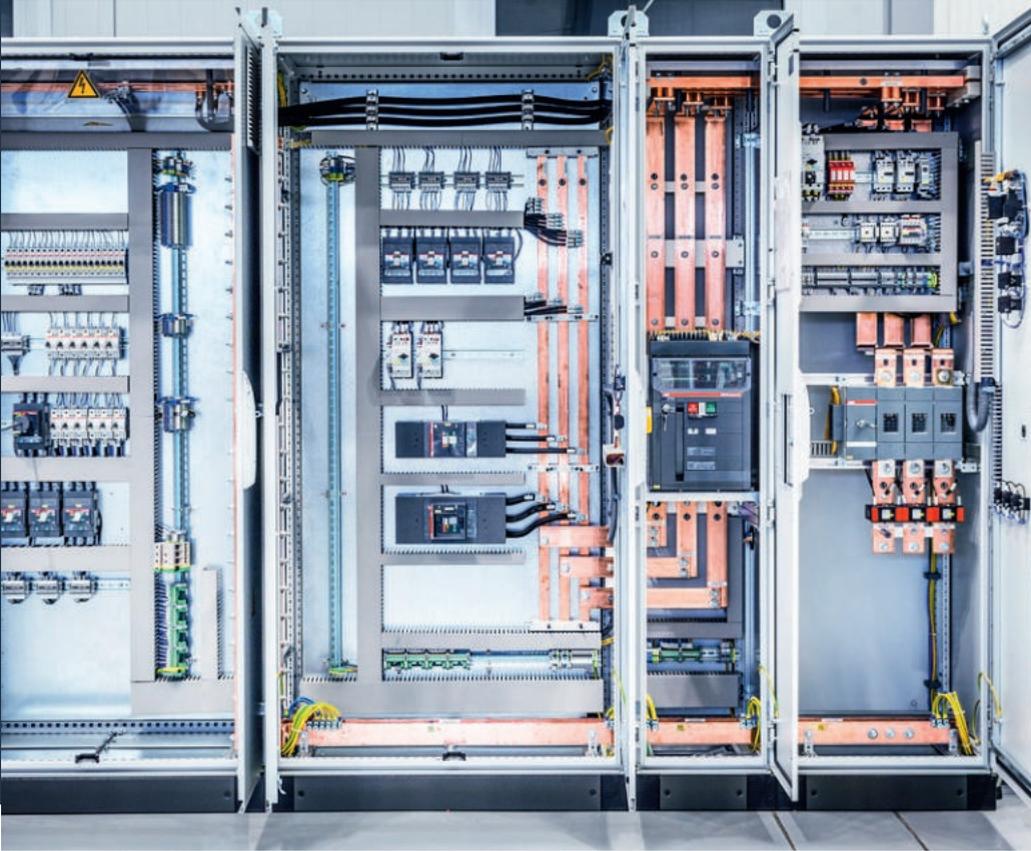


WE CREATE  
SOLUTIONS  
FOR TOMORROW



Customized copper components for your industry



**ELECTRIS**  
POWER COMPONENTS



We are a European leader in manufacturing highly specialized solutions for energy distribution.



WE ARE  
YOUR TRUSTED  
MANUFACTURING  
PARTNER



Electris is a world class specialist in the production of custom made copper and aluminum elements and busbars for your industry.

We are a Polish, family owned enterprise that is a customer-focused business in the most competitive field. The ability to produce high quality products, in all sizes of runs, at competitive prices has made Electris one of the very best fabricators of copper elements in the European market.



**20** years of experience



**150** highly qualified employees



Our factory is equipped with the **highest quality, most modern machinery.**



We cooperate with more than **60** customers from all over the world.

# 360° MACHINING PROCESSING & CUSTOMER SERVICE

Cooperation with Electris is a guarantee of the supply of excellent quality of copper and aluminium products and also of full **360° SERVICE FOR OUR CUSTOMERS.**

This starts from designing and prototyping, continues through the entire machining and finishing process and then the multi-stage quality control process, and proceeds through the assembly of components, lamination, powder coating and shipping to the customer.

We offer innovative copper and aluminium manufacturing solutions and special customer services.

WE HAVE THE SOLUTIONS REQUIRED TO MEET OUR CUSTOMERS' NEEDS.

It is the emphasis on quality, innovative technology and complete manufacturing solutions that drives our business and provides Electris customers with a competitive advantage in the global marketplace.



**400** prototypes each month.



Almost **600** technical drawings analyzed in quotation stages each month.



**PRODUCTION CAPACITY** - we are able to process **2000 tonnes** of copper, aluminium and other metals per year.



## CUSTOMER ORIENTED APPROACH

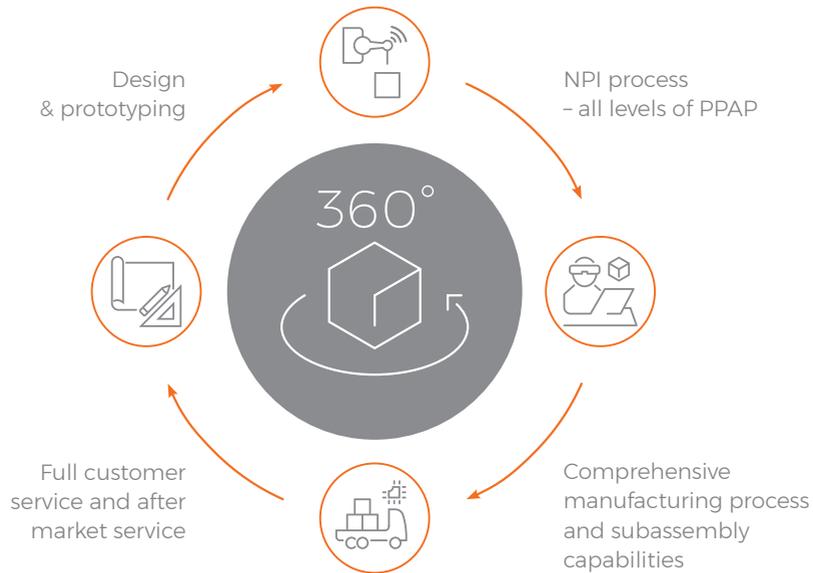
At Electris, we are aware of our customers' needs. *We know that aspects, such as: supreme level of OTD, the ability to order prototypes, the preparation of PPAP documentation and high product quality and customer service are very important.*

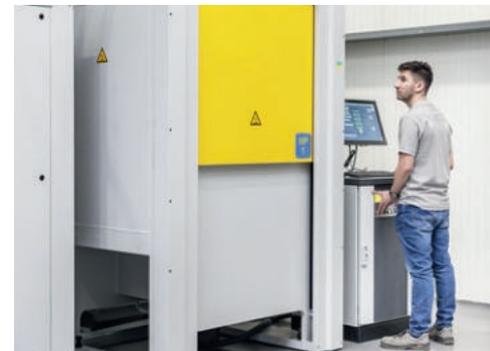
Our partners appreciate the quality of services and products provided by Electris and our commitment to jointly build a strong, resilient and trustworthy supply chain.

### ADVANTAGES OF WORKING WITH ELECTRIS:



- ▶ **DEDICATED TEAMS:** KAM, KAS & PRODUCT ENGINEER, NPI TEAM;
- ▶ **KPI'S BASED ON CUSTOMER'S RATING** INDICATORS;
- ▶ **FLEXIBLE APPROACH** DEPENDING ON CUSTOMER PREFERENCE;
- ▶ **BUSINESS DEVELOPMENT STRATEGY** BASED ON CUSTOMER'S NEEDS;
- ▶ **MANAGING PROTOTYPES AND HIGH VOLUME PRODUCTION;**
- ▶ **CUSTOMER EXPERIENCE MANAGEMENT.**





## TOP QUALITY OF PRODUCTION UTILIZING MODERN PRODUCTION LINES

Electris features **state-of-the-art, automated production lines** to ensure our company's highest performance. We can offer copper processing services on lines such as:

- ▶ **BUS BARS** - fully automated production line for the processing of copper flat bars;
- ▶ **MACHINING AND TURNING** - fully automatic turning machines with feeders;
- ▶ **LAMINATED PARTS** - unique and modern technology of bus bars lamination, enabling space-saving in electric switchboards or control cabinets, simple installation and high efficiency;
- ▶ **FIBER LASER** - the highest modern fiber lasers machine with an automatic tower;
- ▶ **IN-HOUSE POWDER PAINT SHOP** - powder paint coating and selective powder paint coating on copper, aluminium and plated parts;
- ▶ **INSULATORS** - fully automatic lines for insulation plates (GPO3, Lexan); CO2 laser for insulation foils (Mylar, Nomex);
- ▶ **CABLE TRAYS** - unique internal technology which guarantees the best quality for customized cable trails.

## OUR TECHNOLOGIES AND PROCESSES

- ▶ NPI PROCESS - DESIGN & PROTOTYPING
- ▶ LASER CUTTING
- ▶ WATERJET CUTTING
- ▶ CNC MILLING
- ▶ CNC TURNING
- ▶ METAL FORMING: BENDING AND TWISTING
- ▶ WELDING
- ▶ BUS BAR LAMINATION AND INSULATION PROCESS MACHINING
- ▶ HEAT SHRINK SLEEVINGS
- ▶ GALVANIC COATING
- ▶ IN-HOUSE POWDER COATING AND SELECTIVE POWDER PAINT COATING
- ▶ METAL FINISHING
- ▶ PRODUCT ASSEMBLY FASTENERS
- ▶ QUALITY PROCESS
- ▶ PACKAGING AND TRANSPORT



## OUR OFFER – A WIDE RANGE OF CUSTOMIZED COMPONENTS

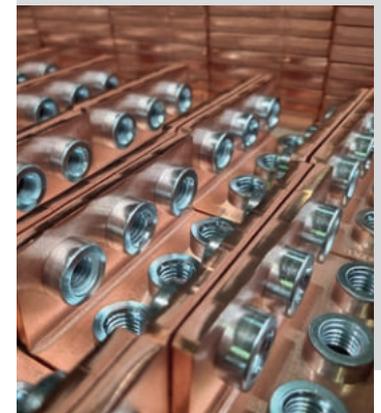
### COPPER & ALUMINIUM ELEMENTS:

- ▶ BUS BARS
- ▶ CONNECTORS
- ▶ MACHINING PARTS
- ▶ TURNING PARTS
- ▶ LAMINATED BARS
- ▶ WELDED PARTS
- ▶ AIR RADIATORS
- ▶ WATER COOLERS

### INSULATION BOARDS / GPO3

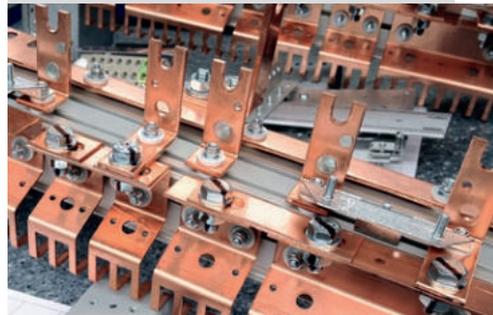
### INSULATION FOILS

### CUSTOM CABLE TRAYS

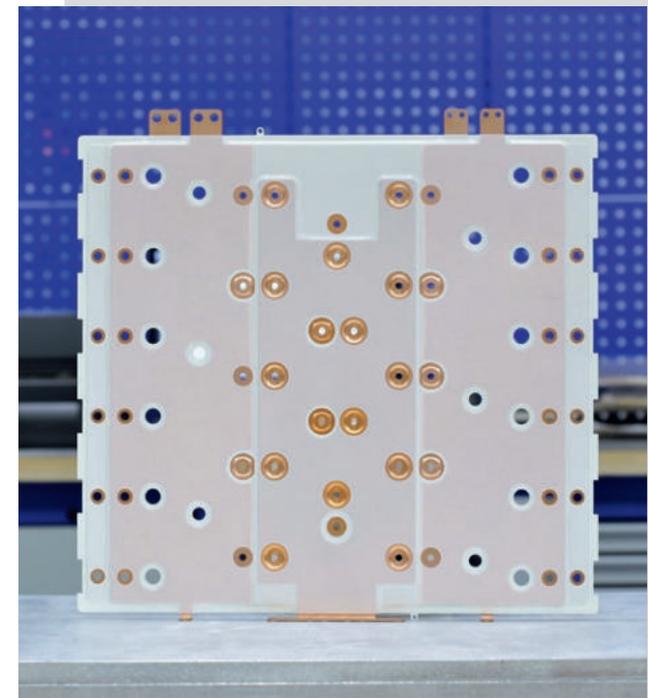
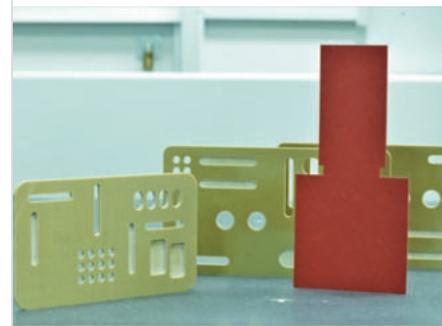
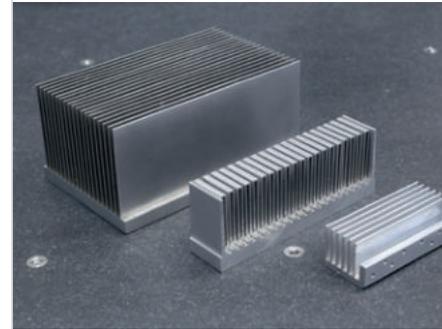


## OUR OFFER – A WIDE RANGE OF CUSTOMIZED COMPONENTS

We manufacture, among other items, **BUS BARS, BRACKETS, PROFILES, RAIL BRACKETS, SPACER MODULES, DOWELS, SEPARATION SCREENS, TUBES** and **ROD ELEMENTS**, and many other copper components. Our access to a wide range of sheet metal and flat bars in various sizes allows us to process orders quickly.



Our offer also includes **WATER AND AIR HEAT SINKS, MULTILAYER LAMINATED BUS BARS, INSULATORS MADE OF GPO-3, MYLAR, NOMEX**, as well as **CABLE TRAYS**, for which we also offer customized punching.



We have an extremely wide range of copper component manufacturing capabilities.

We have developed dedicated products for solutions involving: **HIGH, MEDIUM** and **LOW VOLTAGE**.

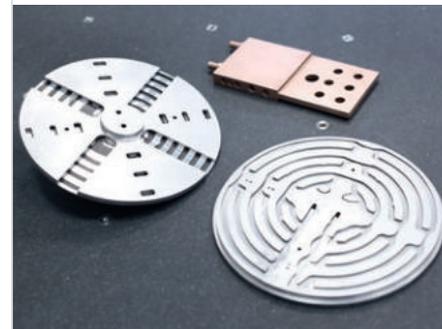


### VOLTAGE

LOW

MEDIUM

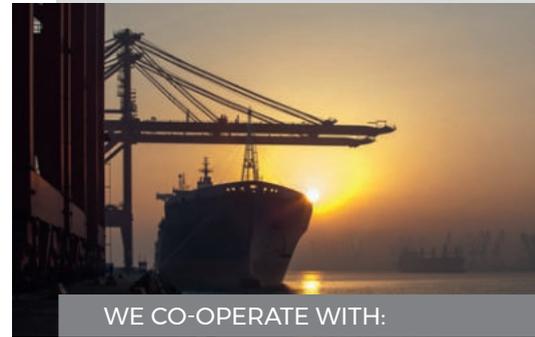
HIGH



## SOLUTIONS FOR VARIOUS INDUSTRIES

In working and preparing our products for many sectors, Electriss has established a reputation of a specialist in the processing of non-ferrous metals and the preparation of customized, dedicated products.

Our products go to many large companies, known all over the world, which appreciate the quality of our production, our precision in meeting their needs, our high standard of customer service and the experience and knowledge of our engineers and technologists.



WE CO-OPERATE WITH:



Our offer includes components that are used, among others, in **SWITCHING STATIONS, CONTROL PANELS, CONTROL CABINETS, MAINTENANCE SYSTEMS, VOLTAGE SUPPORT SYSTEMS, WIND AND SOLAR INVERTERS, AC AND DC POWER SYSTEMS, SWITCH GEARS, TRANSFORMERS** and many other systems that are in use in many sectors: renewable energy sources, communication, railroad, shipbuilding, power engineering and aviation.



AUTOMOTIVE



RAILWAYS TRACTION



AEROSPACE AND AVIATION



ENERGY PRODUCTION & DISTRIBUTION



RENEWABLE ENERGY: WIND ENERGY AND PHOTOVOLATICS



TRANSPORTATION



INFRASTRUCTURE



DATA CENTERS



CONSTRUCTION SECTOR



HEAVY INDUSTRY



MINING

Our offer is constantly being extended with new types of products, while the existing components are modernized by way of new functional variations.

# EXCELLENT QUALITY GUARANTEE

Supreme quality, accuracy and precision of workmanship are what our customers value us for.

Each element that leaves our company is thoroughly examined and checked in a quality control process consisting of several stages. We have the most modern measuring tools and a laboratory for length and angle metrology, that makes it possible to perform precise spatial measurements of our products.



**ISO 9001:2015**  
Quality System



**REACH, RoHS**  
compliance  
**CMD** - Conflict  
Minerals Declaration



**MULTI-STAGE**  
**QUALITY CONTROL**  
process



**PPAP**  
documentation  
preparing



**MOST MODERN**  
**MEASUREMENT**  
**LABORATORY**  
and tools equipment



Low level of **PPM**

We operate under **ISO 9001:2015 certification**. In addition, our products are developed and manufactured in accordance with the **European Union Regulation on Registration, Evaluation and Authorisation of Chemicals (Reach)**, **Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment (RoHS)** and in accordance with the **Conflict Minerals Declaration**.

OUR PRIORITY IS TO ENSURE THE HIGHEST QUALITY OF OUR PRODUCTS AND SERVICES.





**ELECTRIS**  
POWER COMPONENTS

**ELECTRIS**

**Spółka z ograniczoną  
odpowiedzialnością Sp.k**

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