



FEDERAZIONE NAZIONALE
IMPRESE ELETTROTECNICHE
ED ELETTRONICHE



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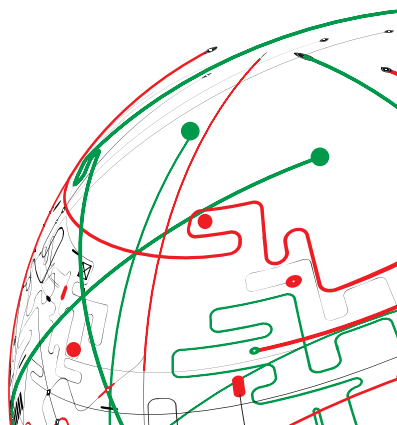
PUNTO ITALIA

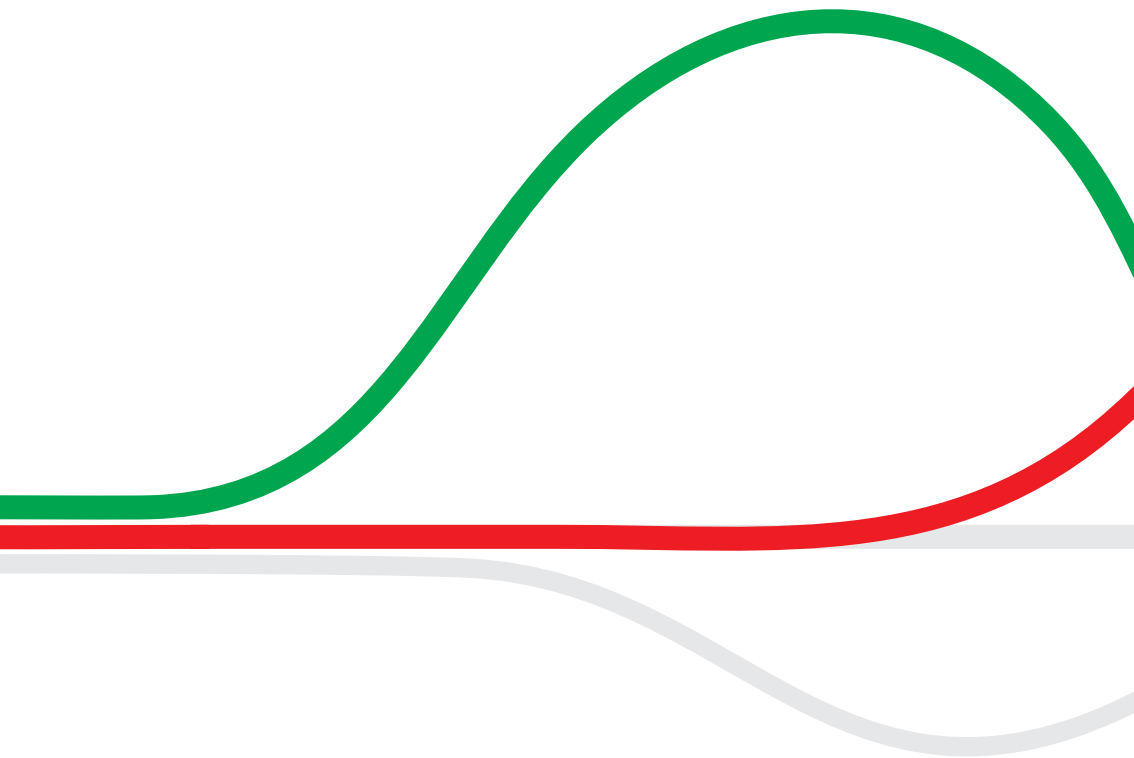
at HANNOVER MESSE 2017
HALL 12 / STAND D05

ITALIAN COMPANIES PROFILES



24-28 April 2017







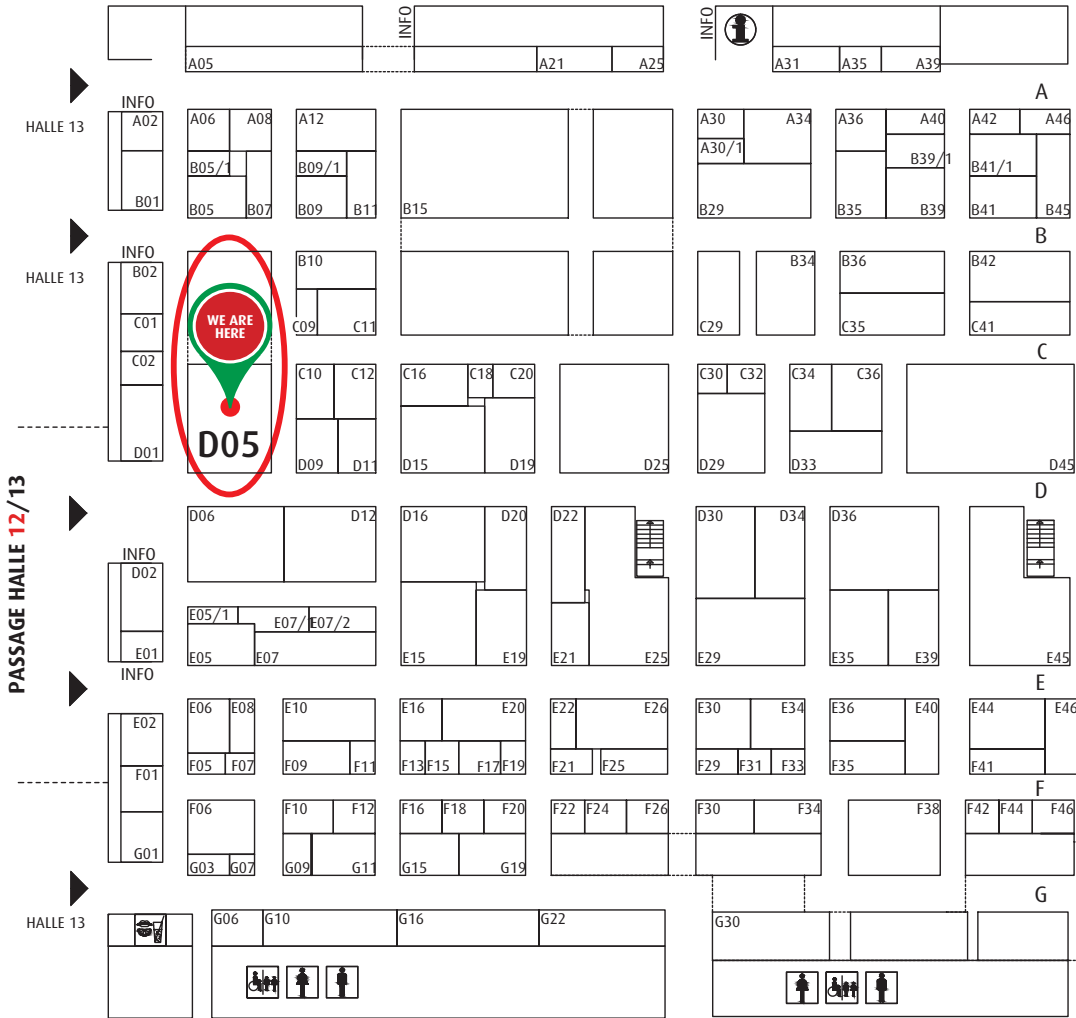
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HALL 12 / Floor Plan





Industrial Automation

Leading Trade Fair for Factory and Process Automation, Systems Solutions and Industrial IT
Halls 8, 9, 11, 12, 14-17

Motion, Drive & Automation

Leading Trade Fair for Power Transmission and Control
Halls 14-17, 19-25

Digital Factory

Leading Trade Fair for Integrated Processes and IT Solutions
Halls 6-8, 17

Energy

Leading Trade Fair for Integrated Energy Systems and Mobility
Halls 11-13, 27, FG

ComVac

Leading Trade Fair for Compressed Air and Vacuum Technology
Halls 26, 27

Industrial Supply

Leading Trade Fair for Innovative Subcontracting Solutions and Lightweight Construction
Halls 4-6

Research & Technology

Leading Trade Fair for Research, Development and Technology Transfer
Hall 2

- job and career (Halle/Hall 16)
- Tec2You (Pavillon/Pavilion 11)
- Robotation Academy (Pavillon/Pavilion 36)
- CeMAT@HANNOVER MESSE (Pavillon/Pavilion 32)

- Eingang Entrance
- Informations-Centrum Information Center
- Convention Center
- Haus der Nationen House of Nations
- Presse-Centrum Press Center
- Freigelände Open-air site

PUNTO ITALIA 2017



FEDERAZIONE NAZIONALE
IMPRESSE ELETTROTECNICHE
ED ELETTRONICHE



CONFINDUSTRIA

FEDERAZIONE ANIE

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Federazione ANIE is a Confindustria member representing the Electrical Engineering and Electronic companies operating in Italy. ANIE is an active and recognised interlocutor of the stakeholders who influences framework policies in Italy and abroad and offers to Member Companies a platform where they can confront with a whole community of industries.

***ANIE, with over 1,200 Member Companies, represents the following industrial sectors:** Power Production, Power Transmission and Power Distribution, Renewable Energy, Electrified Transports, Lifts and Escalators, Lighting, Cables, Components and Devices for Electrical Installation, Household Appliances and Catering Equipment, Electronic Components, Factory and Process Automation, Security, Fire Safety and Building Automation. Part of ANIE is also ANIMP, the Italian Association of Industrial Plant Engineering.*

ANIE industry in figures for 2016:

- › 54 billion Euros of total Turnover
- › 29 billion Euros of Export
- › 410,000 employees
- › 4% intra-mural R&D Expenditure on total Turnover



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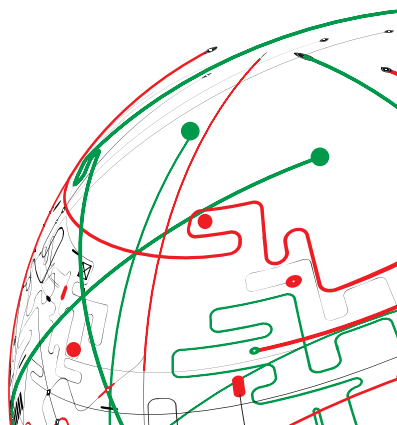
PUNTO ITALIA

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24-28 April 2017



CABUR S.r.l.

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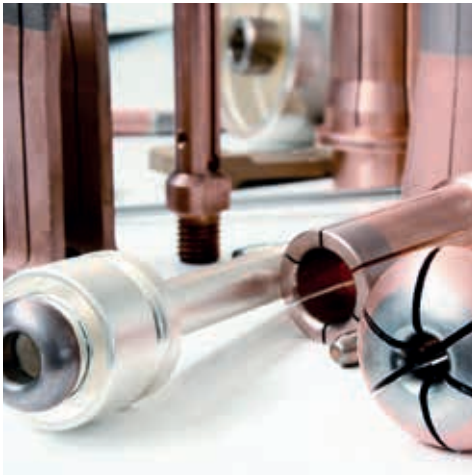
Contact • Eros Gulli

Born in 1952, leading manufacturer of terminal Blocks for electrical boards in Italy, ISO 9001 & 14001 certified, **Cabur** offers systems and solutions for the connection and distribution of energy, a wide range of switching power supplies, electronic components for electrical panels, connectors and other accessories for photovoltaic installations, as well as industrial marking systems.

Products:

terminal blocks, electronic products for electrical panels (power supply, relay, converter), industrial marking system, photovoltaic products.





Electrical contacts



Sintered Parts

Celsia is a brand of Group OMCD, which have been producing for over 50 years electrical contacts for medium and high voltage applications, tungsten-based sintered parts and silver-based brazing alloys.

Co-design, customized and innovative solutions, customer satisfaction, high quality and technology are the key factors leading towards our success.

Products:

Thanks to the particular properties of our products, they are used by many foreign and Italian companies, active in mechanics, electromechanics and high precision mechanics.

- › copper/tungsten & copper/chrome electrical contacts for medium and high voltage applications
- › tungsten-based sintered parts
- › silver-based brazing alloys for special weldings



COL GIOVANNI PAOLO S.p.A.

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MEDIUM VOLTAGE DIVISION:

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COL Giovanni Paolo, established in 1920, has assumed, during the years, a prestigious position in the Electrotechnical, Electromechanical and Engineering Plant fields consolidating its position in the world market, thanks to a constantly diversification. It has put in action a growth policy with the acquisition of companies in the Electronic, Environment, Automation Systems, Railways and Electromechanical fields, to offer a complete range of products and services, with elevated technological contents.

Products:

ring main unit vacuum circuit breaker, ring main unit with fuses, ring main unit extensible, three pole VCB, three pole SF6, pole mounted switch disconnecter, IR3 SF6, modular enclosed switchboards, switchgears and switchboards for electrical energy, MV circuit breakers and isolating switches, electrical engines, electric protection, power electronics-uninterruptible power source (UPS), peripheral unit, equipment for plants and substations, relays, measurement transducers, switch closure, bay control and monitoring unit, electrical networks monitoring, RGDAT, SCADA system.





Busbar system



Automation and distribution metal enclosures

DKC group was established in 1998 and today it is one of the leading manufacturers of products for power distribution and automation systems worldwide. Thanks to a good deal of work dedicated to new materials and development of new products DKC may boast a wide list of patents. The combination of success factors which have led to DKC's rapid growth on a worldwide level includes:

- the wide availability of technologically reliable, functional and innovative products;
- the creation of an organizational structure focused on constant improvement;
- the management of effective logistics and an efficient pre- and after-sales technical assistance service.

The Group's main value is the realization of valid solutions to foresee and satisfy the needs of its clients in observance of sector standards and environmental compatibility.

Products:

automation and distribution metal enclosures, busbar system, cooling unit, UPS, metal cable trays, protection systems for electrical cables, fiberglass-reinforced plastic cabinets.

DUCATI ENERGIA, founded in 1926, assets 9 plants worldwide and a variety of advanced products such as: PF Correction capacitors & system, PF Correction equipment, Active filters, MV and HV Capacitor banks & Harmonic filters, Power electronics capacitors, Reactors and Transformers, Energy analysers, Electrical vehicles, Railway signaling systems, Ticket system and Transport automation systems.

DUCATI ENERGIA combines 90 years of experience with full certification as per ISO 9001, ISO 14001 and BS OHSAS 18001 and product approvals by UL, CSA, VDE, IMQ and CESI.

Products:

capacitors, power factor correction and power electronics, energy analysers and control relays



Power Factor Correction capacitors and Control Relays



LV Power Factor Correction Equipment



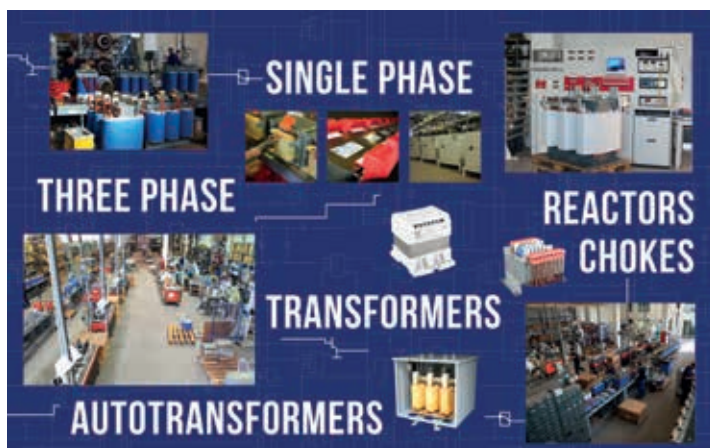
ELCA TRANSFORMERS

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commerciale@elcasrl.it · www.elcasrl.it

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ELCA manufactures high quality low voltage, dry type, single and three phase transformers, autotransformers and chokes for more than 50 years. The range of production includes transformers from 20VA up to 1MVA. The company is located in Italy and all raw materials come from selected Italian suppliers. ELCA is present in international markets and the brand is appreciated all over the world. Production is developed on an area of about 2500 sqm and consists of an approximate quantity of 15,000 pieces/month. All products are 100% tested before delivery and identified by specific serial numbers. ELCA has obtained many certificates, including SASO (for Saudi Arabia), UL/CSA homologation and UL/CSA insulation system (for USA/Canada), CE Certification and ISO 9001. 95% production consists of customized products, while standard items are always on stock. ELCA is involved in different fields, like: automation, packaging, elevator, photovoltaic and lighting.

Products:

transformers, single and three phase / autotransformers, single and three phase / chokes, single and three phase.



IMEQUADRI DUESTELLE S.p.A
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www.imequadriduestelle.it
Contact • Giorgio Mariani • Sandro Cattaneo

IMEQUADRI DUESTELLE is part of IME Group, operating on the market of electrical switchgears, relevant components and services for the generation, transmission and distribution of power and energy, since its foundation, in 1962. Headquarters are based in Urganò (BG) near Milan, in a factory of more than 25,000 sqm, 16,000 sqm indoor. Here operate sales and technical offices, production department with metalsheet forming, mounting, wiring and prototypes and testing department. ISO 9001:2008 and ISO14001:2004 certified.

Products:

• *The Switchgear Division designs and produces:*

- Low Voltage switchgears
 - Power Centers POLIMETA;
 - Motor Control Centers MULTICONTROL.

Medium Voltage switchboards

- AIS Metal Clad LSC2B-PM class NORMOCLAD;
- AIS Metal Enclosed LSC2A-PI class ROTOBLOC, with air insulated LBS;
- AIS Metal Enclosed LSC2A-PM class MINIBLOC-6 and MINIBLOC-636, with SF6 insulated LBS;
- MV and LV Busducts NORMODUCT;
- Prefabricated substations.

• *The Equipment Division projects and manufactures:*

- SINTER combined circuit breaker (SF6 insulated with vacuum breaker and disconnecter);
- Indoor MV Load Break Switches and Disconnectors (Air or SF6 gas-insulated);
- Earthing Switches for panel/wall mounting solutions.



SINTER combined circuit breaker, isolated in SF6 gas, with vacuum breaker and disconnecter in a single device.



NORMOCLAD - MV Metal Clad switchboard LSC2B-PM Class



Double Industrial AC UPS



UPS system composed with two rectifiers 125Vdc 1200 A and two inverter 220Vac 1Ph output, central change over systems

LEVER is a global leader in power solutions and conversion technologies who operates worldwide. LEVER's business is comprised of three divisions that are in turn organized in relation to the customers and industries we serve: IT Business, Oil&Gas and Utilities. LEVER's success has been driven particularly by a strong focus on research and development. Many technologies that underline our modern society, from UPS to DC rectifiers battery chargers, were developed or commercialized by LEVER.

Products:

uninterruptible power supply (UPS) from 1KVA to 500KVA (commercial and industrial systems), rectifiers battery chargers 110Vdc, 220Vdc up to 200A, inverter DC/AC up to 160 KVA 1Ph output.

Since 1976 **TDE MACNO** has been designing and developing specific solutions for industrial automation, in particular static converters for the control of electric motors. The expertise and application know-how allowed TDE MACNO to enter into the alternative energy market as well, offering drives/inverter with AFE technology for the control of water and wind power turbines, photovoltaic power stations and storage systems, in a continuous pursuit of efficiency, energy saving and storage.

Products:

servo drives for brushless servomotors, open loop V/Hz vector AC drives, close loop vector AC drives (FOC), drives solutions for extrusion, blow molding and injection molding machines, complete control technology for the hollow glass machines, automation and control systems, DC Thyristor drives, DC servo converters, DC/DC converters, inverters and AFE series with brushless sensorless control for SOLAR, WIND and WATER energy systems, energy storage systems.



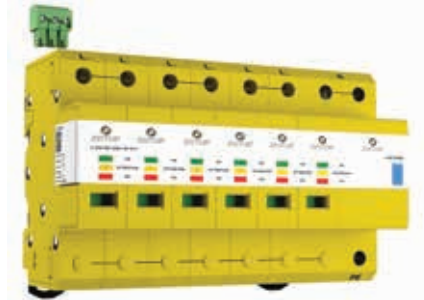
Energy Storage System



OPDE drive



L 13/40 230 ff 4 is a four poles assembled and ready to install, voltage limiting type surge arrester for three-phase plus neutral 400 V systems. Typical locations in Main Distribution Boards (MDB) or at the origin of low voltage systems.



L 25/100 230 t ff 3+1 is a four poles assembled and ready to install, voltage limiting type surge arrester for single-phase 230 V systems. Main features: fuse function integrated, gradually performance status indicator and in accordance with pollution degree 3.

For almost 30 years **ZOTUP** has been committed to develop and produce high quality surge protection solutions with passion.

Why ZOTUP:

- › **QUALITY:** ZOTUP is a technological evolution oriented company, always looking for efficiency and quality.
- › **R&D:** Our technical department develops new products and new technologies. The new range is the result of 4,5 years of R&D and more than 330 development tests.
- › **TECHNICAL SUPPORT:** Assistance is guaranteed by phone or e-mail. Our technical staff makes inspections on the plants providing primarily the relative SPD system and then the best installation and assembly instructions.
- › **CUSTOMER SERVICE:** Our company performs in collaboration with consultants and engineers the sizing and design of the systems providing technical and commercial support.

Products:

surge protection devices for low and medium voltage, surge protection for PV plant, wind turbine, data center and LED public luminaire.



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