



Our passion for essential services and supplies

Reliable distribution technology for energy and utilities engineering





Main plant in Lennestadt

Hensel – A strong brand

With passion and energy, we ensure safe connections, so that low-voltage electrical power is meaningfully distributed. Particularly where high demands are placed on the electrical installation.

We win as a team, because every single one of us makes a substantial contribution with our commitment, actions and attitude: for our customers, suppliers and partners – worldwide.

We use our long-term solution competence to set new standards again and again.

And do so as a family-owned business - as HENSEL.

Philipp C. Hensel

Frank Dubberke

Michael Lehr



made in **GERMANY**
since 1931

MORE THAN 80 YEARS OF EXPERIENCE

Your electrical energy powers us

 made in **GERMANY**
since 1931

Hensel is a leading, internationally operating provider of electrical installation and distribution systems for the safe distribution of electrical energy in challenging environments.

Many installation challenges in commercial and industrial buildings, in outdoor applications, in transport infrastructure systems and in photovoltaic installations are reliably solved thanks to Hensel products. Above all, it is the electrical industry and electrical plant construction companies that use Hensel branded products and value our company's technical competence.

CUTTING-EDGE PRODUCTION PROCESSES FOR MAXIMUM QUALITY

State-of-the-art plastics processing and advanced metal and surface coating production processes are a technical requisite for our high-quality electro-mechanical products.



FAMILY COMPANY

FOUNDED IN 1931

12 SUBSIDIARIES NATIONALLY AND INTERNATIONALLY

MORE THAN 60 INTERNATIONAL PARTNERS

800 EMPLOYEES

ELECTRICAL INSTALLATION AND DISTRIBUTION SYSTEMS

INTERNATIONAL PRESENCE

Hensel guarantees local support and a high degree of availability thanks to its 4 locations in Germany, 9 subsidiaries and 60 international partners.



Reliable energy supply in essential areas

The field of energy and utilities engineering is of enormous importance in our everyday lives. The provision of energy, water and gas, the disposal of sewage and waste and the establishment of communication and data connections are indispensable in today's world.

If any of these services fail, it will have a dramatic impact on everyday life. That's why well-planned energy distribution systems with high-quality products are a must.

Electricity

Fresh water

Recyclable materials

Call minutes

Fuels

Data



APPLICATIONS

WATER TREATMENT PLANTS

- Power supply often outdoors
- Damp/wet conditions

POWER PLANTS

- Fail-safe systems
- Special electrical requirements

PETROL STATIONS

- Power supply often outdoors
- Dusty and damp conditions

ELECTRICAL SUBSTATIONS

- Fail-safe systems
- Special electrical requirements

PHOTOVOLTAICS

- Different PV applications
- Varying weather conditions

WASTE MANAGEMENT SERVICES

- Dusty and damp conditions
- Heavy mechanical loads



ENERGY AND UTILITIES ENGINEERING

Reliable supplies worldwide

HENSEL products are used globally in electrical installation and distribution technology, always in challenging environments.

With more than 90 years of expertise in the field, we ensure the successful, sustainable implementation of projects in more than 60 countries.



Reliable energy production

APPLICATIONS

Power plants/ power supply

Special challenges

- Fail-safe systems
- Special electrical requirements
- Individual building services and security systems
- Staff safety

Our solution

- Ready-to-use, maintenance-free distribution systems
- Protection class II ensures the safety of untrained personnel
- Low-voltage switchgear systems with arc protection which can reduce power supply outages to a minimum
- Individual product solutions



This low-voltage switchgear system with active arc protection is in use in a district power station



APPLICATIONS

Photovoltaics

Special challenges

- Different PV applications, e.g. rooftop panels or solar farms
- High solar radiation
- High temperature differences
- Varying weather conditions

Our solution

- Quick and easy to install
- UV-resistant products suitable for installation in outdoor spaces
- A high IP protection class ensures protection against dust and humidity
- Protection class II guarantees the safety of untrained personnel
- Simple expansion of the installation via the Mi system's modular function
- Individual product solutions



To ensure maximum system availability, the total output is distributed between several power inverters.



Individual product solutions ensure a reliable distribution of electricity.

Where every ray of
sun counts

APPLICATIONS

Petrol stations and pipelines

Special challenges

- Power supply often outdoors
- Dusty and damp conditions
- Outdoors can have high temperature differences
- Reliable power supply

Our solution

- Chemical resistance, silicon- and halogen-free product solutions
- High degree of protection against mechanical stress
- The high IP protection class ensures protection against dust and humidity
- Resistant against extreme temperatures
- Maintenance-free products thanks to high quality
- Individual product solutions



Oil and gas terminal, India/Dubai

Where every litre
must flow smoothly

APPLICATIONS

Waste management

Special challenges

- Dusty and damp conditions
- Outdoors can have high temperature differences
- Heavy mechanical stresses

Our solution

- Chemical resistance, silicon- and halogen-free product solutions
- High degree of protection against mechanical stress
- The high IP protection class ensures protection against dust and humidity
- Resistant against extreme temperatures
- Maintenance-free products thanks to high quality
- Individual product solutions



Hensel cable junction boxes have a high IP protection class and are suitable for use in dusty and damp conditions.

Where no waste is wasted

APPLICATIONS

Water and sewage management

Special challenges

- Damp/wet conditions
- Outdoors can have high temperature differences
- Hard to access electrical systems

Our solution

- The high IP protection class ensures protection against dust and humidity
- Electrical installation and distribution systems for protected and unprotected outdoor installation
- Resistant against extreme temperatures
- Ventilation inserts to prevent condensation
- Maintenance-free products thanks to high quality
- Individual product solutions

Where clean water ensures quality of life



Water treatment and sewage plants in China



Water treatment and sewage plant in Danzig, Poland

APPLICATIONS

Communication

Special challenges

- Power supply often outdoors
- Dusty and damp conditions
- High temperature differences
- Heavy mechanical stresses
- Hard to access electrical systems

Our solution

- The high IP protection class ensures protection against dust and humidity
- Electrical installation and distribution systems for protected and unprotected outdoor installation
- Resistant against extreme temperatures
- Maintenance-free products thanks to high quality
- Individual product solutions



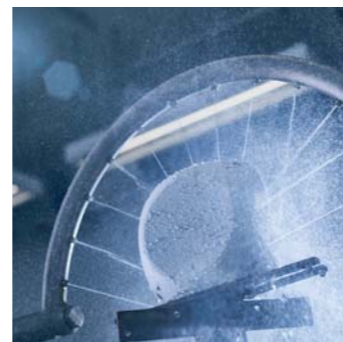
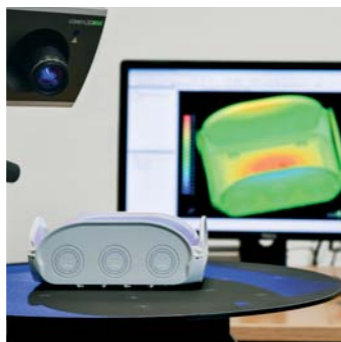
Telecommunications and cell towers, Ukraine



Where bits and bytes ensure clear communication



VDE-CERTIFIED TEST LABORATORY



Places with dusty and humid environmental conditions that pose great challenges to electrical installation require products of the highest quality for the reliable distribution of electrical power in the low-voltage range.

- Durability of plastic materials
- Tests on electromagnetic susceptibility (EMC tests)
- Fire behaviour
- Limits of temperature rise
- Functional tests
- IP degree of protection (dust and water protection)
- Impact resistance
- Temperature resistance
- Corrosion resistance
- Dimensions check via structured light projection

High quality standards guarantee that our partners have the crucial competitive edge:

- Certified quality standard according to DIN EN ISO 9001:2015 for all production sites of the Hensel Group.
- Lean processes and efficiently positioned for the future. Continuous optimization:
 - Lean management / Hensel PEP system
- Safe manufacturing processes:
 - Occupational Health and Safety
 - Energy management according to DIN EN ISO 50001
 - Environmental management according to DIN EN ISO 14001

MODERN TEST METHODS

Hensel stands for certified quality



- Headquarter in Lennestadt
- Subsidiaries
- Sales partners

HEADQUARTER IN LENNESTADT

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CONTACT

We provide you with project support!



We provide you with project support!
 Hensel maintains a close-knit network of technical field offices, distribution bases, subsidiaries and foreign representative offices throughout the world.
 Please scan the QR code or see our website www.hensel-electric.ae to get detailed information.



COMPANY

Hensel Electric FZE

Hensel Electric FZE is a wholly owned subsidiary of Hensel International GmbH, Germany.

Established in 2016, we are located at Sharjah Airport International Free Zone in the United Arab Emirates. Through our network of distribution partners and customers all over the MENA, we ensure that our products are available at short notice in the region.

The company is certified to ISO 9001 : 2015 by TUV Rheinland.



Hensel Electric FZE

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 made in **GERMANY**
since 1931