



Business Division
AUTOMATION

HESCH
AUTOMATION

KWR
ELEKTRONIK

Expertise-driven solutions move the world
from one-piece to serial production

Industrial Philosophy

The AXXERON Group is a **product developer, solution provider, manufacturer** and **service partner** for internationally active OEM customers.

As a **strategic development** and **system supplier** for complex technological issues, AXXERON offers possibilities of **interdisciplinary** solutions for their customers within the field of automation and control cabinet construction through its subsidiaries **HESCH Industrie-Elektronik GmbH** and **KWR Elektronik GmbH**.

GLOBAL

Over 90 years of combined
experience and expertise





HESCH
AUTOMATION



AUTOMATION & ELECTRONIC

For more than 45 years a strong partner with innovative solutions for industrial and process automation

As a medium-sized company, HESCH develops and produces control and automation components and has extensive knowledge and experience in industrial network technology (fieldbus technology). From the initial idea to the finished implementation: HESCH Industrie-Elektronik GmbH accompanies your project from start to finish.

With a highly motivated and professional team of designers, engineers and skilled personnel we develop and manufacture custom-fit electronic devices, systems and plants for you, including the corresponding mechanical construction.

Long-term strategic partnerships with our customers and suppliers enable us to continuously and jointly develop and grow. They give us the certainty of always being able to develop and manufacture system solutions and products according to market requirements and customer wishes.

Our goal is to find the best solution for every application. We stand for this with our experience, our creativity and our commitment



**YOUR
AUTOMATION
PARTNER**

ELECTRONICS DEVELOPMENT

Individual system solutions for measurement, control and regulation technology

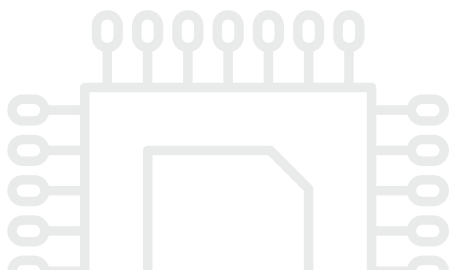


As an OEM service provider we deliver the devices with your individual branding.

The individual electronic development and production of stand-alone devices and system solutions for the B2B sector is one of our areas of expertise. In doing so, we use the latest technologies. In our control solutions we work out advantages and unique selling points for our customers. You do not buy anything you do not need, yet the solution remains flexible and can be adapted to future requirements on request.

This way you can secure your competitive advantages and strengthen your image and brand

[hesch-automation.com](https://www.hesch-automation.com)





OEM PARTNER & SUPPLIER

We are OEM partner of many well-known companies

OEM solutions from HESCH can be found in devices and systems of many renowned brands, both in the industrial environment of various industries, as well as the craft, the hotel industry and in private households. Many years of know-how, development competence and the quality of our products are the key components of our success. This is the basis for a long-term cooperation and satisfaction of our customers. Our structured work and process flows are based on quality management certification according to DIN EN ISO 9001:2015 as well as CE, UL and ATEX.

EXCELLENT SERVICE

In addition to the manufacture of I&C products, we offer our customers technical support and assistance with installation, commissioning and training. Unrestricted and unbureaucratic

ALL-ROUND CAREFREE PACKAGE

- Personal support
- Technical consulting
- Individual product development
- Series production
- Preparation of product documentation e.g. technical documentation, data sheets, assembly instructions and product photos

Your personal contact in the development department keeps you up to date with monthly reports. This way you are always informed about the current status of your project at all times.

We accompany our customers from the first **idea** to the **series production**.

"... After a visit to the factory, we decided to start the first project. The quality of HESCH products and the cooperation in the development phase pleased us the most."

Reiner Rogowski, QMB
at Friedhelm Selbach GmbH

"HESCH has distinguished itself through competent consultation and a good price/performance ratio"

Renate Thörner, Product Manager
at Bio-Circle Surface Technology GmbH





FILTER- & VALVE CONTROLS

We provide clean air

HESCH is an internationally recognized technology leader for control engineering in the field of exhaust air purification for large-scale plants using fabric filters. We supply the complete measurement and control technology for the cleaning process of industrial filter systems, e.g. in power plants, waste incineration plants and cement works.

Our products are used worldwide in the largest incineration plants and stand for more resource efficiency and sustainability



FOCUS

We offer expertise in selected branches of the industry



EXPERTISE

Innovative top developers and professional team



SOFTWARE

We always work with the latest software



QUALITY MANAGEMENT

We work according to DIN standard EN ISO 9001:2015



FULL SERVICE

Everything from one source with individual customer care

Controls
from HESCH
are in use
worldwide





Our products
are **certified**
for **ATEX Zone**
2 + 22



SERVICE & PRODUCTS at a glance

SERVICES

- Conceptual consulting and system design
- Creation of functional specifications
- Hardware and software development
- Project management
- Printed circuit board layout
- Mechanical construction
- Prototype construction
- Climate, EMC and functional tests
- Series production
- Manufacturing according to national and international standards (CE, UL, ATEX etc.)
- Complete service incl. project planning, schematic planning and component service

MSR-TECHNIC

- Digital and process data displays
- Analog and digital controllers
- Measuring transducers
- Isolating amplifiers
- Limit switches
- Operating terminals
- Manufacture of switchgear
- Filter technology for industrial dust collection systems

SENSORICS

- Temperature
- Pressure
- Differential pressure
- Force
- Weighing
- Level

FIELDBUS AND COMMUNICATION TECHNOLOGY

- Intelligent + modular I/O- system for process control + regulation
- ProfiNet
- ProfiBus-DP
- ModBus TCP
- ModBus RTU
- CANopen
- HPR-Bus





KWR
ELEKTRONIK



CONTROL CABINET CONSTRUCTION

**We create space for large project
and provide best quality - Made in Germany**



KWR GmbH for design, programming, construction and commissioning of electrical systems was founded in 1999 by Walter Retzlaff (Master of Electrical Engineering) in Niederkassel-Ranzel. With our approximately 30 competent and experienced employees, we are your specialist for the planning, execution and assembly of control cabinets in special designs for a wide range of industries.

Our range of services includes the planning and development of special designs and the optimization, modernization and expansion of existing control cabinets. Individual customer service, problem solutions and special requests of our customers are our ongoing focus.

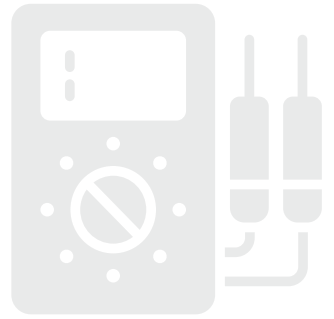
kwr-gmbh.de

COMPETENCE & SERVICE

From consulting to commissioning

Through our many years of experience in many industries, we are very familiar with the requirements of electrical planning and construction. Project planning according to national and international standards is a matter of course, as is complete documentation.

We also perform the commissioning of the switchgear on site, including cabling test, I/O check, device parameterization, software test, functional test and trial operation. In this way we ensure that your switchgear cabinet and the entire plant run without errors. Our qualified employees are trained and are also available in case of emergency



FOCUS

We are happy to plan your project from A to Z with best quality



EXPERTISE

Trained and experienced team for your project



SOFTWARE

We always work with the latest software



QUALITY MANAGEMENT

We work according to DIN standard EN ISO 9001:2015



FULL-SERVICE

Everything from one source with individual customer service



SPECIAL SOLUTIONS

We build special cabinets

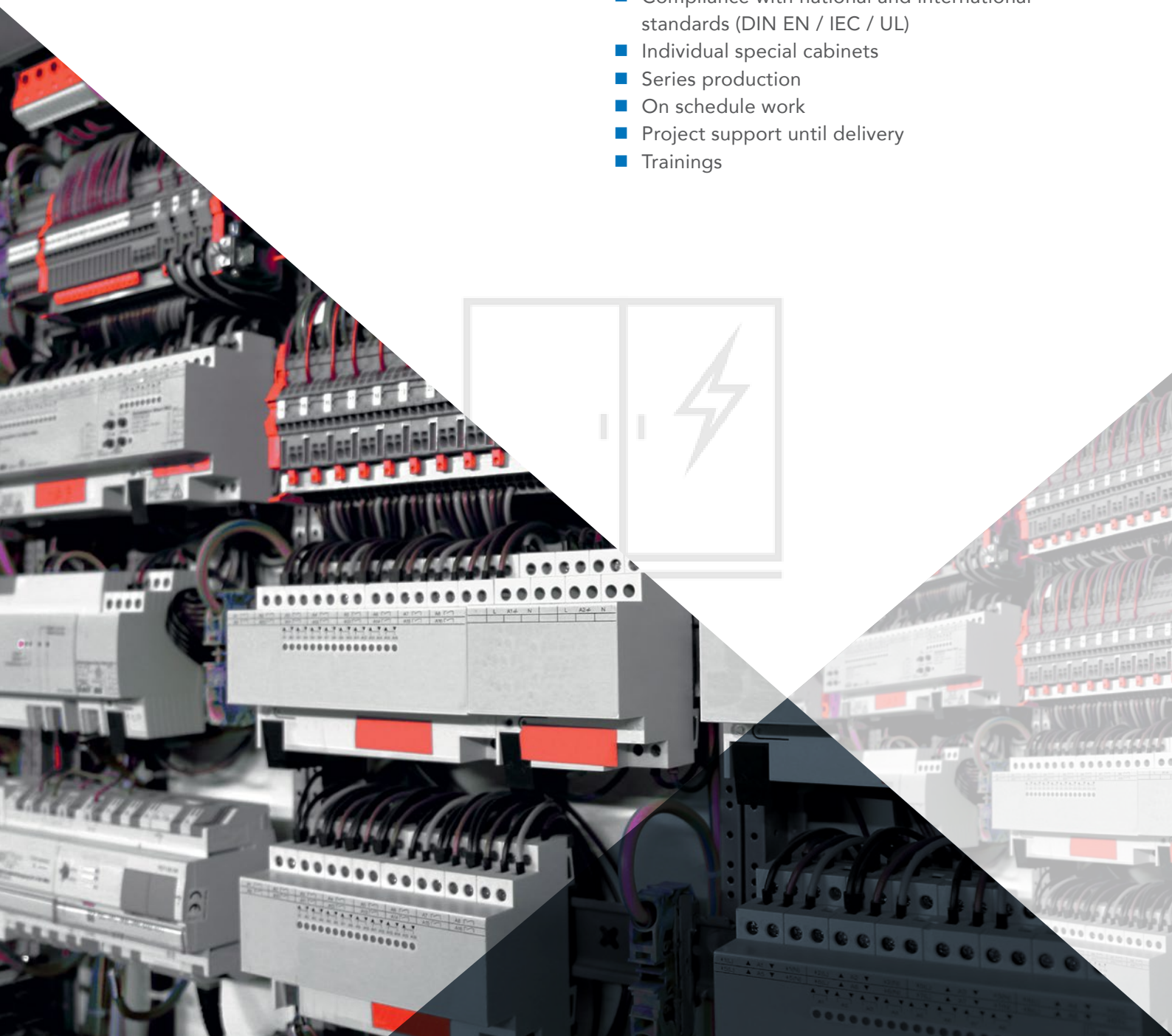
for different industries

We plan and deliver switchgears from batch size 1 up to series production. In addition to the planning and design of new switchgear, we also offer the optimization and retrofitting of existing systems. To ensure consistent best product quality we are certified according to DIN EN ISO 9001:2015



FULL SERVICE

- Personal support
- Technical consulting & planning
- Compliance with national and international standards (DIN EN / IEC / UL)
- Individual special cabinets
- Series production
- On schedule work
- Project support until delivery
- Trainings





SERVICE & PRODUCTS at a glance

CONTROL CABINET CONSTRUCTION

- Production according to quality standards
- Special solutions according to customer requirements
- Execution according to national and international standards
- Optimization of control cabinets
- Conversion and expansion of old control systems
- Short production times
- Delivery - Just in Time

ELECTRICAL PLANNING & INSTALLATION

- Creation of electrical circuit diagrams with EPLAN 5.X and EPLAN Electric P8
- Creation of layout, terminal and cable diagrams
- Creation of bills of materials
- Project planning according to national and international standards
- Project planning of small and large plants
- Modernization of old plants
- Cable assembly
- Installation and assembly of control cabinets
- Reconstruction of plants

SOFTWARE ENGINEERING

- Creation of software solutions
- Step 7 / TIA Portal / Win C C
- Functional changes and extension
- Process visualization

COMMISSIONING

- Commissioning of plants with focus on mechanical engineering
- Wiring test
- I/O check
- Unit parameterization
- Software test
- Service calls

PRODUCTS

- Cabinet series
- Control cabinets
- Drive cabinets
- Power cabinets 0-6400A
- Container as switch house
- Compact cabinets
- Control panels/boxes
- Terminal boxes

HESCH

AUTOMATION

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