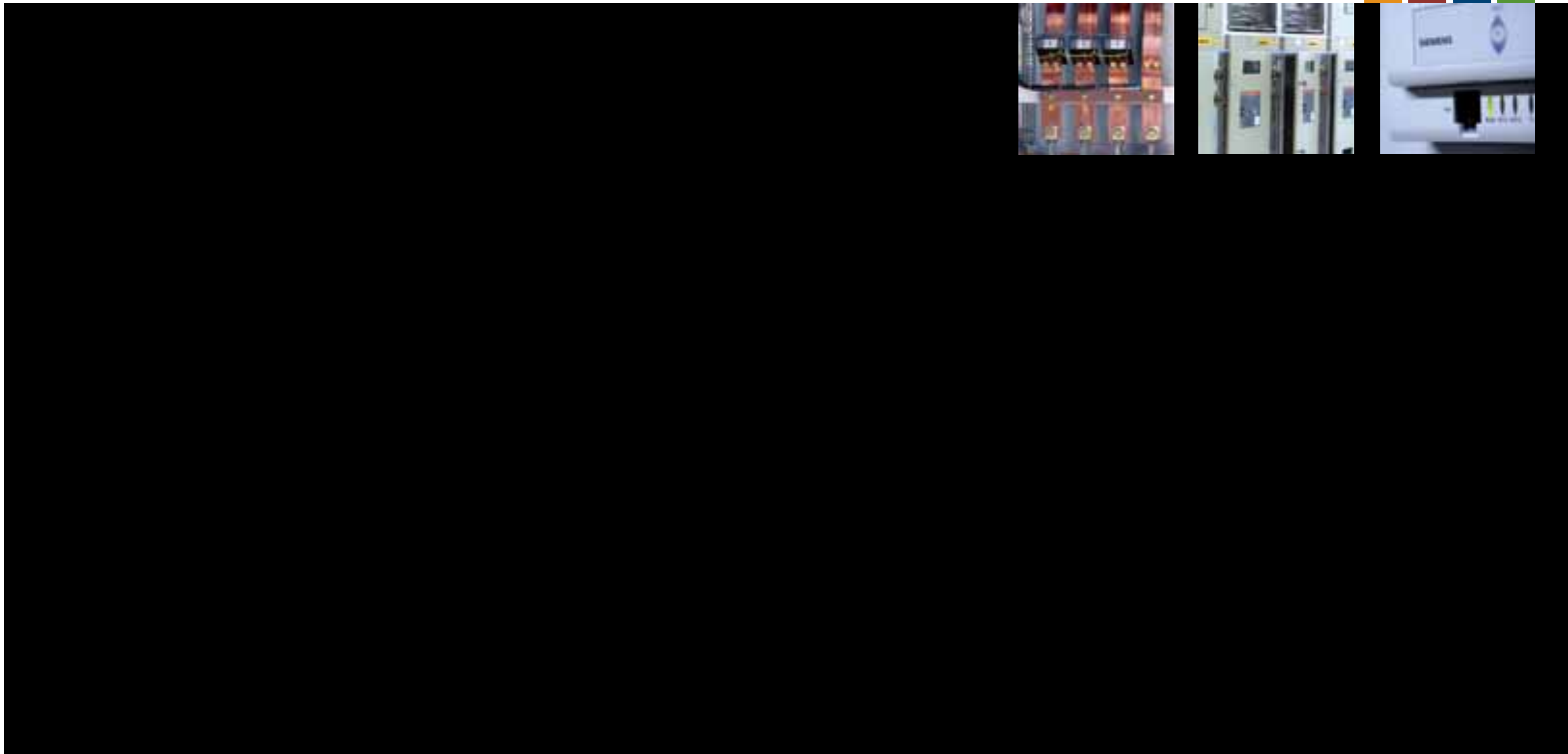
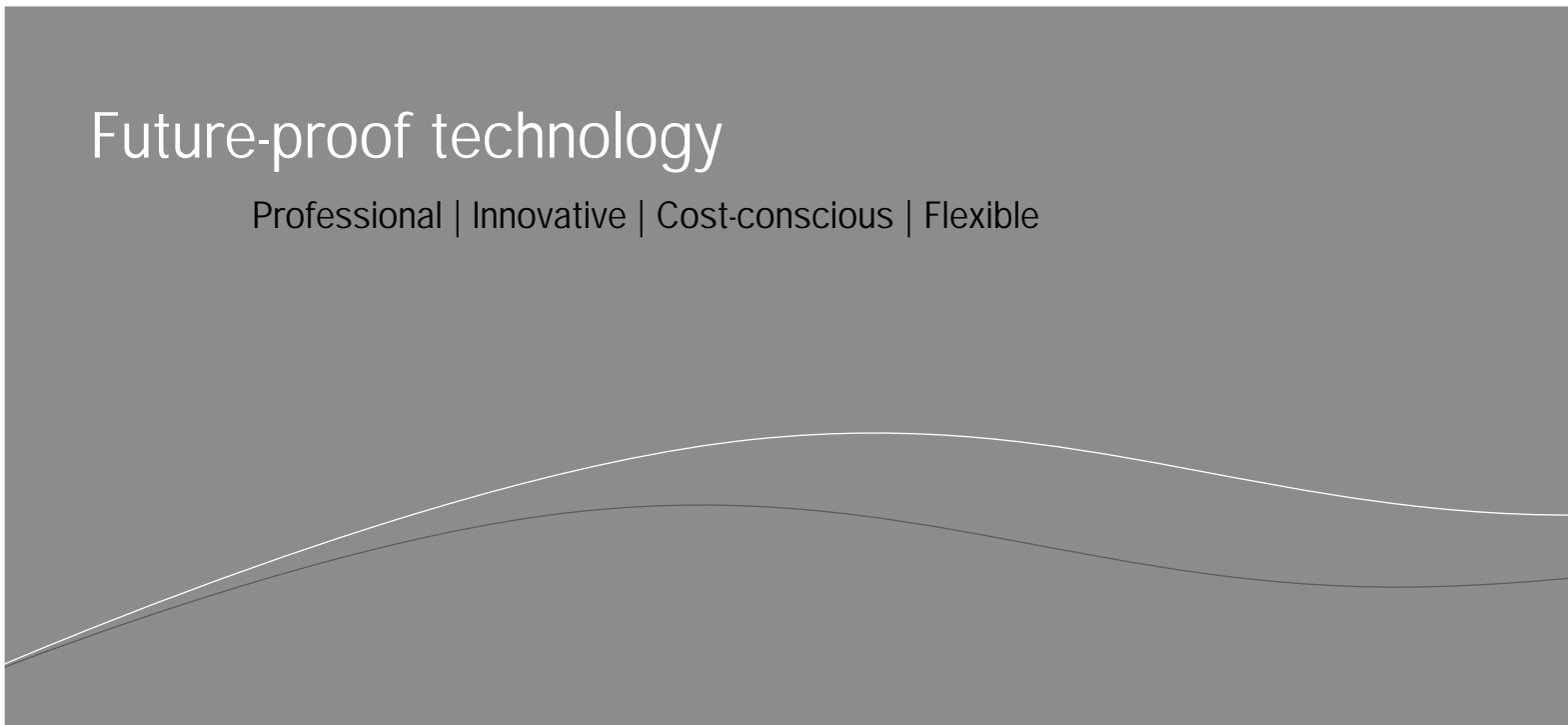


# Future-proof technology

Professional | Innovative | Cost-conscious | Flexible





## Our delivery scope

- :: Medium voltage units up to 36 kV / type-tested
- :: Leasable transformer stations
- :: Power supply technology for renewable energy
- :: LV switching and control units TSK / PTSK up to 4000 A / 400V
- :: Systems solutions for automation technology
- :: Fieldbus, process control and visualisation engineering
- :: Thermographic measurements
- :: Energy management systems
- :: Grid data analysis
- :: Building automation for heating, ventilation and air-conditioning





Accepting problems as a challenge requires an exceptional degree of creativity, dedication and commitment.

Everything already in place undergoes constant testing, is adapted to meet new requirements and modified through the inclusion of new innovations.

Responding flexibly to the market and implementing sustainable ideas is the challenge that we set ourselves to ensure that the ongoing development of new products for demanding customers remains anything but utopian.

In keeping with our corporate philosophy, we at Isoblock Schaltanlagen employ only qualified personnel to develop solutions on behalf of our customers.

Our documented quality control system and dedicated product testing facilities ensure that the switching units we supply meet the highest demands.

At Isoblock Schaltanlagen GmbH & Co. KG, we have been committed to doing this since 1966.





”

We achieve customer satisfaction through quality, because we will only have a chance of lasting success with our customers if we can offer flawless products that meet their respective requirements.

“





Low voltage

Page 06 - 07



Medium voltage units

Page 08 - 09



Building automation

Page 10



Service

Page 11





Low voltage

### Energy distributors

Type-tested distribution systems up to 4000A and available as permanent installations, slide-in modules and with MCC (Motor Control Center) technology.

As our energy distributors are type-tested to national and international standards, they are designed for industrial use.

With fast replacement of the individual components, these flexible, reliable distribution systems offer high availability levels.

Type-tested in accordance with DIN EN 60439-1 / IEC 60439-1 KEMA-certified

To shorten downtimes, the distributors are also available with MCC (Motor Control Center) technology.

This makes it possible for the modules to be replaced during operation or for the unit to be expanded.



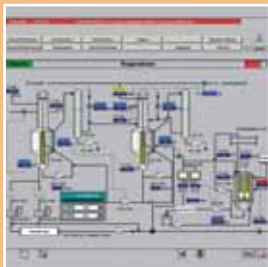


## Distribution panels

Shock-proof and fireproof floor or wall-mounted cabinets in sheet steel panel with a nominal current of up to 1250 A for industrial buildings, hospitals, school, residential and office buildings.

## Control units and operator panels

We plan, project, programme and supply complete switching and control units using conventional relay and SPS technology for sewage plants, refrigerating plants and the mechanical engineering sector.



## Visualisation and monitoring

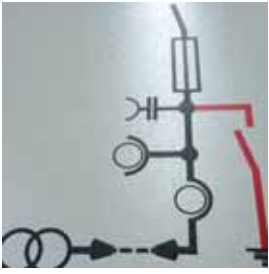
Our specialists are trained in the visualisation of complex power control systems. This enables our customers to record and control all of the key data through a central, user-friendly unit.

## Frequency converters

Isoblock Schaltanlagen is a distribution and service partner for ABB frequency converters with a power range of between 0.18 and 355 kW

- :: Advice
- :: Planning
- :: Commissioning





### Medium voltage stations

#### Practicable concept for medium voltage technology

- :: Adjusts perfectly to the spatial conditions
- :: Flexible projecting, planning and installation
- :: Suitable for all makes of switching units
- :: Customised and future-proof application

#### Medium voltage units up to 36 kV

- :: Ultra-high safety and engineering standards
- :: High standard of quality
- :: Type-tested to ensure electrical load
- :: Optimum personal protection and high operational safety







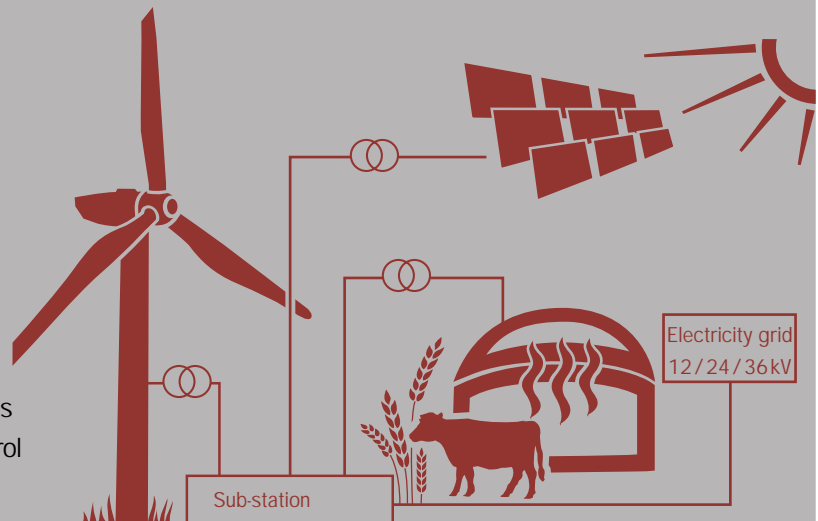
## Type-tested station buildings – compact or accessible

Functional modular system for customised room solutions. The specific design of the facades and roof structures make these fully integratable into the environment. The station buildings are available in

different sizes and as single-room or multi-room systems. Several modules can be combined to create entire building complexes.

## Power supply technology for renewable energy

- :: Station buildings
- :: Medium voltage units 12 / 24 / 36 kV
- :: Power cable systems
- :: Low voltage technology
- :: Grid-protected and grid-connected systems
- :: Centralised and decentralised systems control technology





## Building automation

### ■ A force to be reckoned with in heating, ventilation and air-conditioning automation

Our products and services are designed to meet the present requirements of ultramodern and contemporary I&C engineering. The precise recording and regulation of all relevant process data enables our customers to make full use of their energy

savings potential. Customer-friendly commissioning, monitoring and servicing is provided by hooking up the building automation system to our in-house visualisation system.

- ▶ ■ :: Systems partner to Siemens Building Technologies
- :: Designs drafted and projects coordinated using ultramodern technology
- :: Customised switching units for building management produced to customer specifications
- :: Distributor for all field devices synchronised to the control system

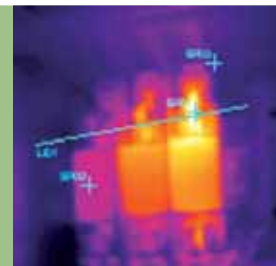


Service

Customer service as it should be

Qualified | Flexible | Customised | Precise

- :: Maintenance – Service – Station refurbishment
- :: Inspection of medium- and low-voltage units
- :: Inspection and repair of transformers
- :: Sampling and analysis of insulating oil
- :: Disposal of materials containing PCB
- :: Troubleshooting service – efficient and reliable
- :: Power cable laying using modern cable-laying techniques
- :: Grid data analysis



24-hour emergency service +49 (0) 1 70-5 60 48 69



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