

KEY INFORMATION

Scope: Electrical engineering – with focus on renewable energy

Locations: St. Ingbert, Bremen, Komárno (SK), Forchheim

Since: 1946

Employees '22: ~400

Sales '22: ~53 Mio. €

MISSION

As internationally renowned expert in electrical engineering we set sustainable standards for our industry and initiate innovation in collaboration.

ENERGY FOR TODAY AND TOMORROW.



PRODUCT CATEGORIES

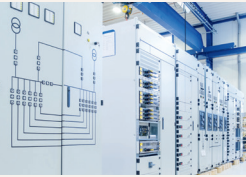
Turnkey Station Solution

Turnkey Station Solutions (e.g. Compact Transformer Stations) for the renewable energy sector, as well as Power Houses.



Switchgears

Installations that distribute high electrical power at different voltage levels to the place of use (e.g. industrial and construction sites).



Smart Technology

We can equip each system with automation-, safety- or communication technology (including power quality solutions).



Mechanical & Special Products

We produce a wide range of weather- and vandalism resistant housings for electrical engineering, as well as special products (e.g. train control cabin).



Services

In addition to services like installations, we offer network measurement and installation training.



Our compact transformer stations (TKS) are used especially in the field of renewable energies. We are constantly refining our products and currently offer four variants – two different sizes for land and floating projects respectively. All variants are characterized by their low weight (metal sheet instead of concrete), so that they can be transported and installed more easily and in a more environmentally friendly manner.

LAND STATION



FLOATING STATION



Both land and floating stations are available in sizes up to 1800 kVA and 3150 kVA with up to 8000 kVA coming soon.

VARIANT LAND

Our compact transformer stations are suitable for different kinds of terrains and can be easily transported due to its light weight.



VARIANT FLOATING

With the help of a pontoon in the proven floating system of the company Zimmermann PV, the various sizes of TKS can also be put on the water:

- Standard oil drip tray certified according to TÜV
- Trafo oil is bio-based & therefore environmentally friendly
- Additional coating for fresh water
- Cable entry for low, medium voltage & monitoring with cable entries from ROXTEC.



MAJOR ADVANTAGES OF ALL VARIANTS

- ✓ **Low weight** due to strengthened metal sheet design. Highly anti-corrosive powdered steel housing
- ✓ **High safety** due to fully qualified housings with IAC A/B 20 kA, 1s (EN 62271-200) & VDE certificated grounding
- ✓ **Low effort on construction site** due to plug & play delivery (fully inspected in our premises)
- ✓ **High protection from environmental influences** due to integrated zinc-plated cable compartment & foundation
- ✓ **Environmental protection** due to integrated oil drip tray
- ✓ **Adaptable** to different climate conditions
- ✓ **No additional foundation** necessary

SUSTAINABILITY

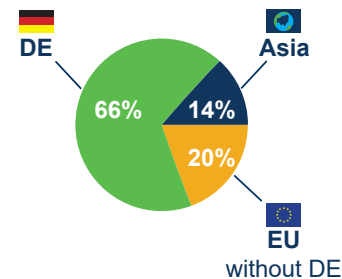
On request we can use CO2 neutralized steel

XCarb green steel certificates from Arcelor Mittal



Most of our components are sourced in Germany

excl. materials provided by our customers



DETAILS

Both variants (Land/Floating) are available in different sizes. More sizes available soon.

	TKS 1.800	TKS 3.150
Power:	800–1800 kVA	2000–3150 kVA
Weight:	7,5 t	12 t
Dimensions: length/width/height	3.300/2.100/2.840 mm	4.100/2.900/3.250 mm