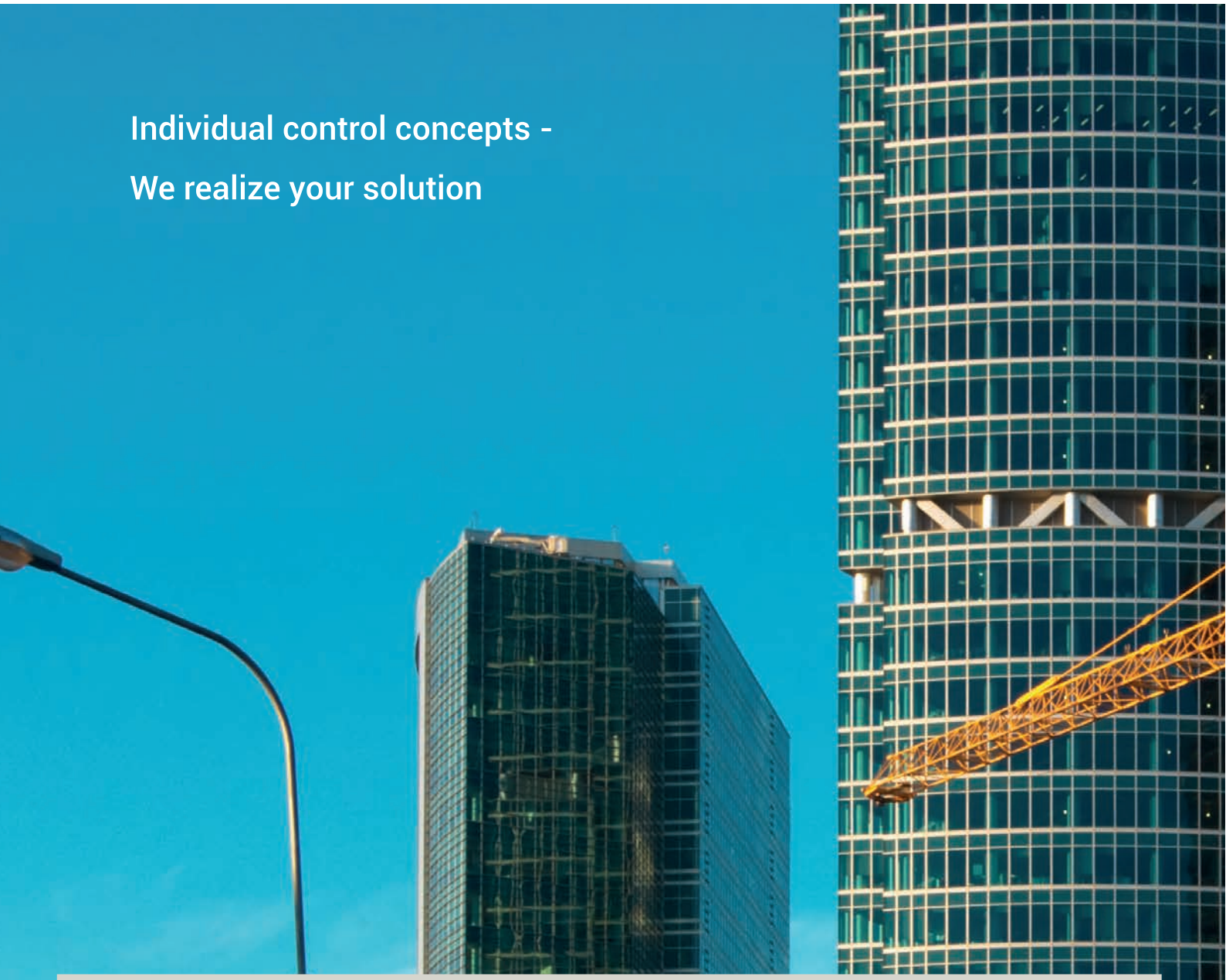
Spohn+Burkhardt
Elektrotechnische Fabrik Blaubeuren

Construction and mobile cranes

Resistors



Individual control concepts - We realize your solution

TRADITION AND EXPERTISE

The company was founded in Blaubeuren by Karl Spohn and David Burkhardt in 1920 and is still 100 percent family-owned.
Today, with 200 employees, we manufacture a broad production program of joysticks, control stands and resistors of recognized quality at two locations.

With engineering knowledge and decades of experience, we solve your problems together with you and accompany you from start to finish. That is our strength and at the same time the basis of our success.

As a Swabian medium-sized company, our strength lies in the unbeatable advantage of being able to react quickly and flexibly. When technology is moved around the world, Spohn + Burkhardt is usually the trigger.

FACTS AND FIGURES

- Founded in 1920 by Karl Spohn and David Burkhardt
- Headquarters Blaubeuren
- Plant Schelklingen
- About 65 representatives in 45 countries
- About 200 employees

Spohn+Burkhardt
Elektrotechnische Fabrik Blaubeuren

BENEFITS

- Made in Germany
- Decades of experience in resistor design and manufacturing
- Unmatched quality and service life
- Modular design allows for quick delivery
- Industry standard sizes and values
- Optional anti-corrosion stainless steel
- Large variety of cabinet finish colors
- Custom designed solutions per customer requirements
- Large dealer network providing service and support worldwide

Wire wound resistors

Proven versatile technology.

- For small and medium output
- Powder-coated steel housing, optionally in stainless steel
- High protection rating for outdoor installation
- Removable cover for easy access to connections
- Interchangeable resistor columns
- Standard or custom graduations, taps
- High ohmic values for low output
- High surge-resistant overload capacity
- Internally or externally ventilated
- Optionally with thermal or overload contact

Wire wound resistor

Installable

Forced ventilated

V2A Housing

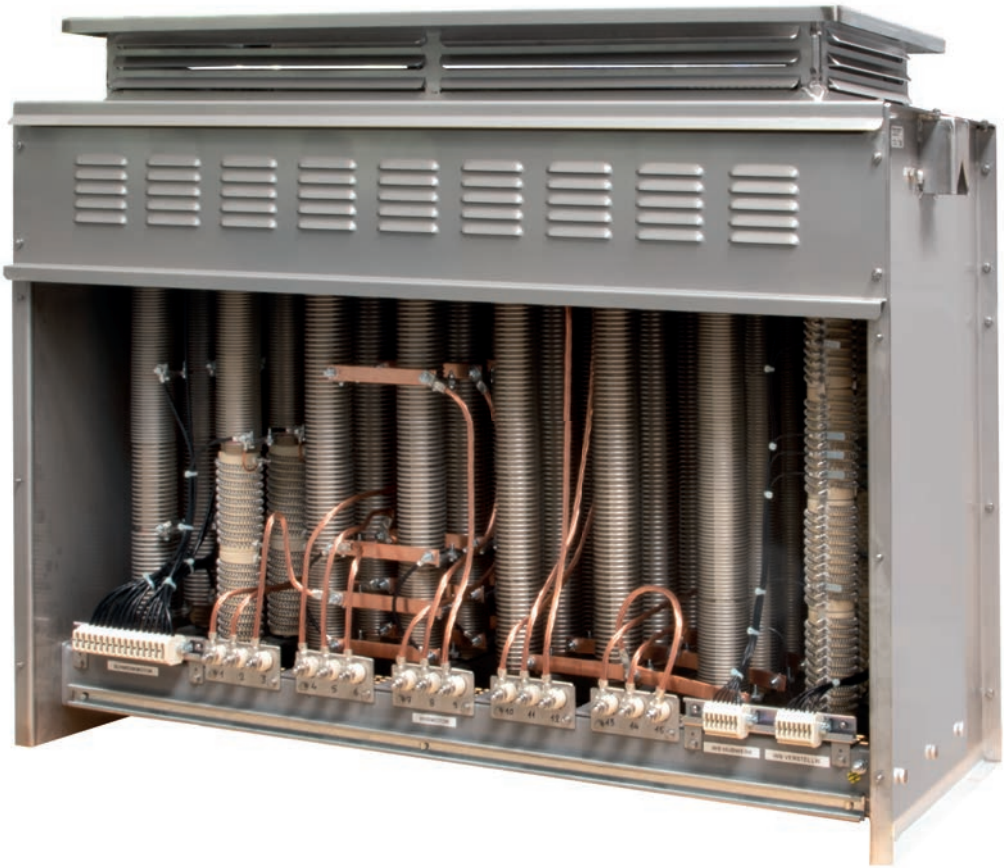
Floor mounting

Wall mounting

Temperature switch

-25°C +45°C Temperature range

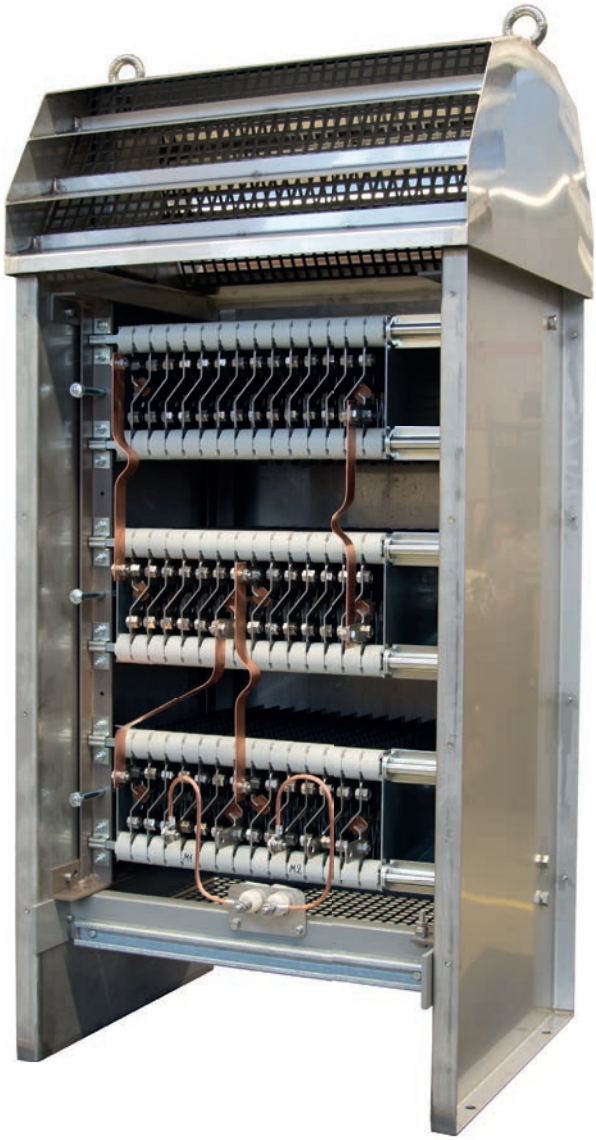
IP 23 Max. achievable protection category



Steel grid resistors

Compact and rugged design.

- Ideal for medium and high output
- Powder-coated steel housing, optionally in stainless steel
- High protection rating for outdoor installation
- Removable cover for easy access to connections
- High alloy stainless steel 1.4841, 1.4541 steel grid
- Interchangeable resistance blocks
- Standard or custom graduations, taps
- High surge-resistant overload capacity
- Low inductivity
- Maximum temperature resistance, melting point above 1000°C
- Internally or externally ventilated
- Optionally with thermal or overload contact



Steel grid resistor

Installable

Forced ventilated

V2A Housing

Floor mounting

Temperature switch

-25°C +45°C Temperature range

IP 23 Max. achievable protection category

Cast iron resistors

For your low maintenance, high load application.

- Optimal for high output
- Powder-coated steel housing, optionally in stainless steel
- High protection rating for outdoor installation
- Removable cover for easy access to connections
- High-quality cast iron components
- Interchangeable resistor blocks
- Standard or custom graduations, taps
- Resistant to temporary overloads thanks to solid cast iron components
- High heat storage capacity
- Low inductivity
- Internally or externally ventilated
- Optionally with thermal or overload contact

Cast iron resistor

Forced ventilated

V2A Housing

Floor mounting

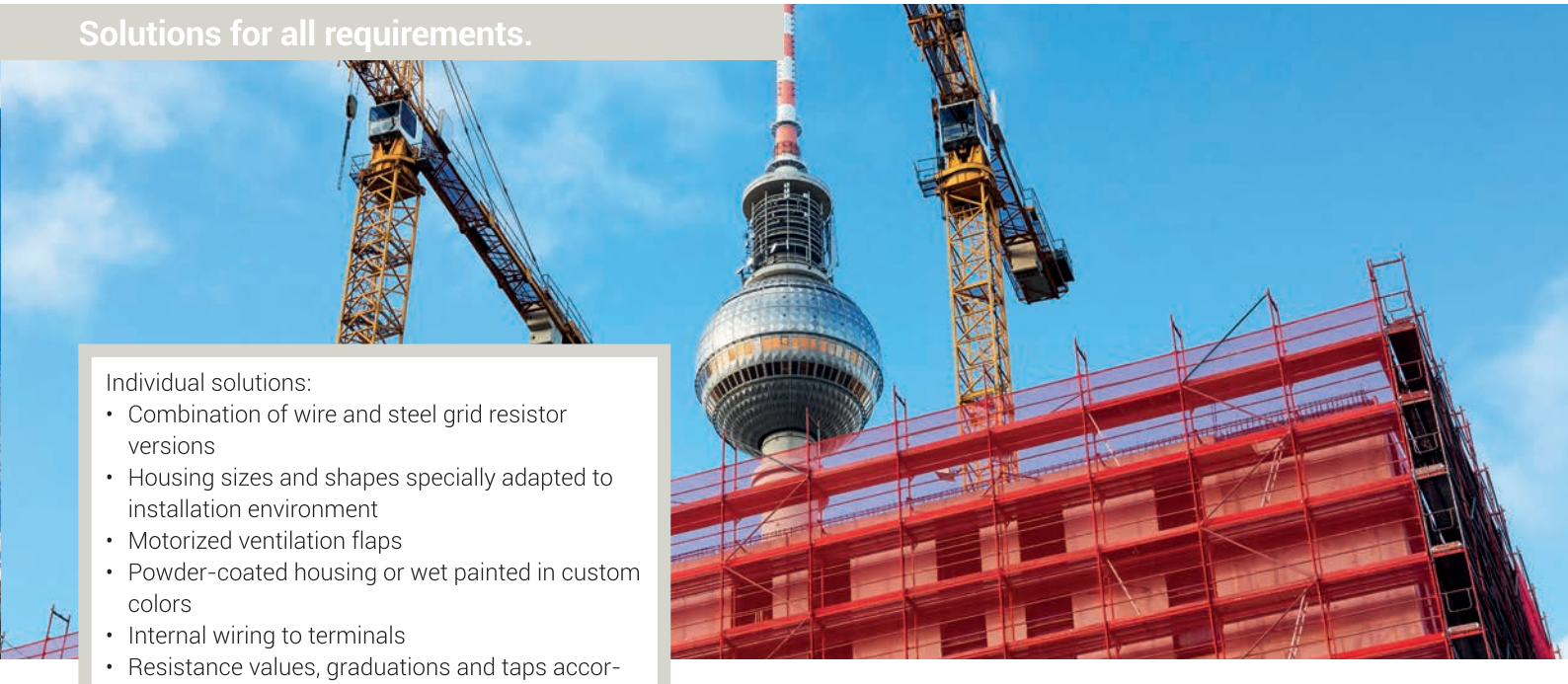
Temperature switch

-25°C +45°C Temperature range

IP 23 Max. achievable protection category

Customized resistors

Solutions for all requirements.



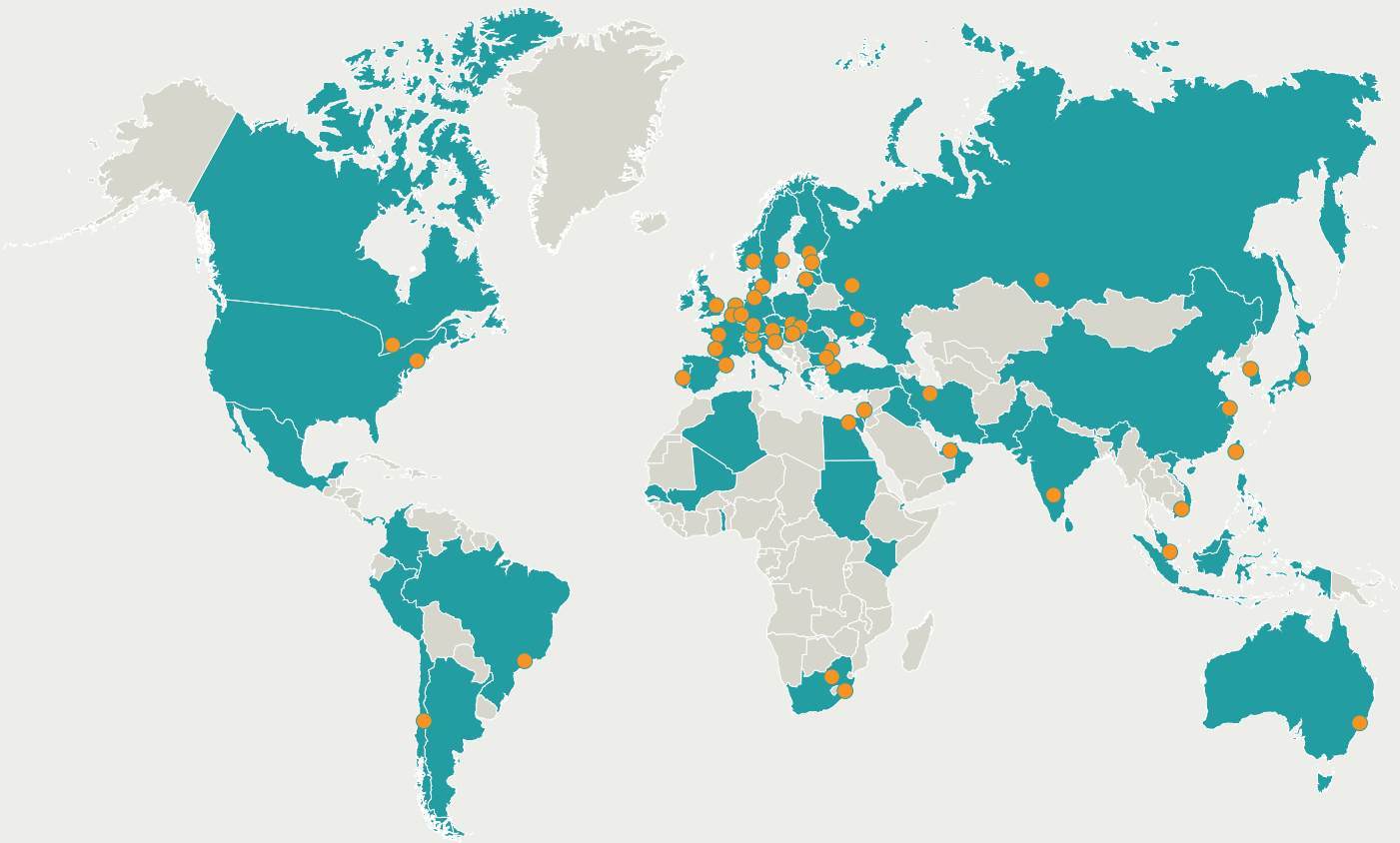
Individual solutions:
- Combination of wire and steel grid resistor versions
- Housing sizes and shapes specially adapted to installation environment
- Motorized ventilation flaps
- Powder-coated housing or wet painted in custom colors
- Internal wiring to terminals
- Resistance values, graduations and taps according to specific requirements

For applications in:
- Crane technology/lifting equipment
- Mobile machinery
- Marine/harbor technology
- Drive technology
- Mineral/cement industry
- Elevators/escalators
- UPS/generator tests
- Laboratories
- Wind power
- Traffic engineering

As:
- Brake resistors
- Starter resistors
- Load resistors
- Slip resistors
- Charge resistors
- Test resistors

Spohn+Burkhardt
Elektrotechnische Fabrik Blaubeuren

Representatives of Spohn + Burkhardt
National and international



More than 65 representatives in 45 countries
Find out more on our website **www.spobu.com**

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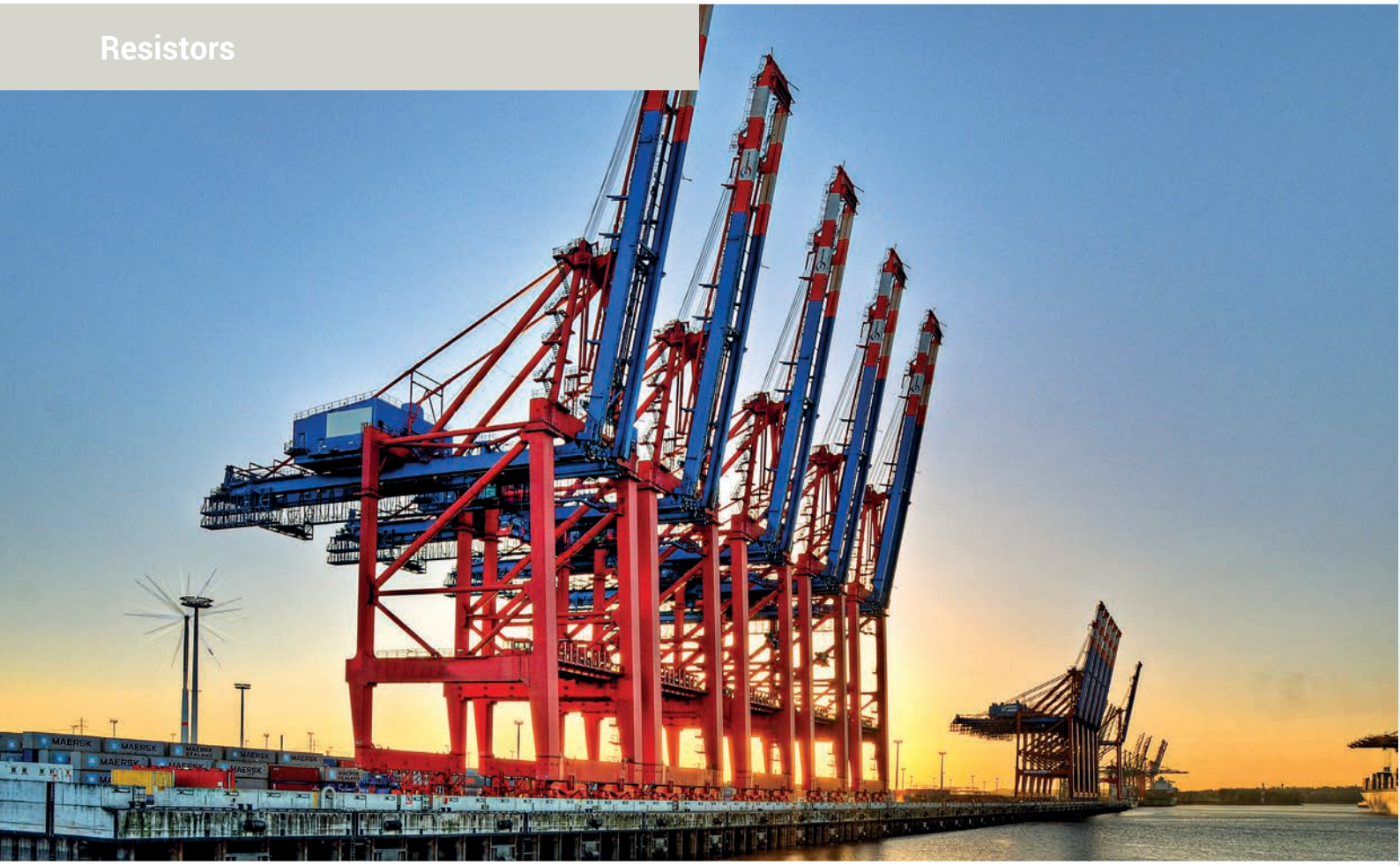
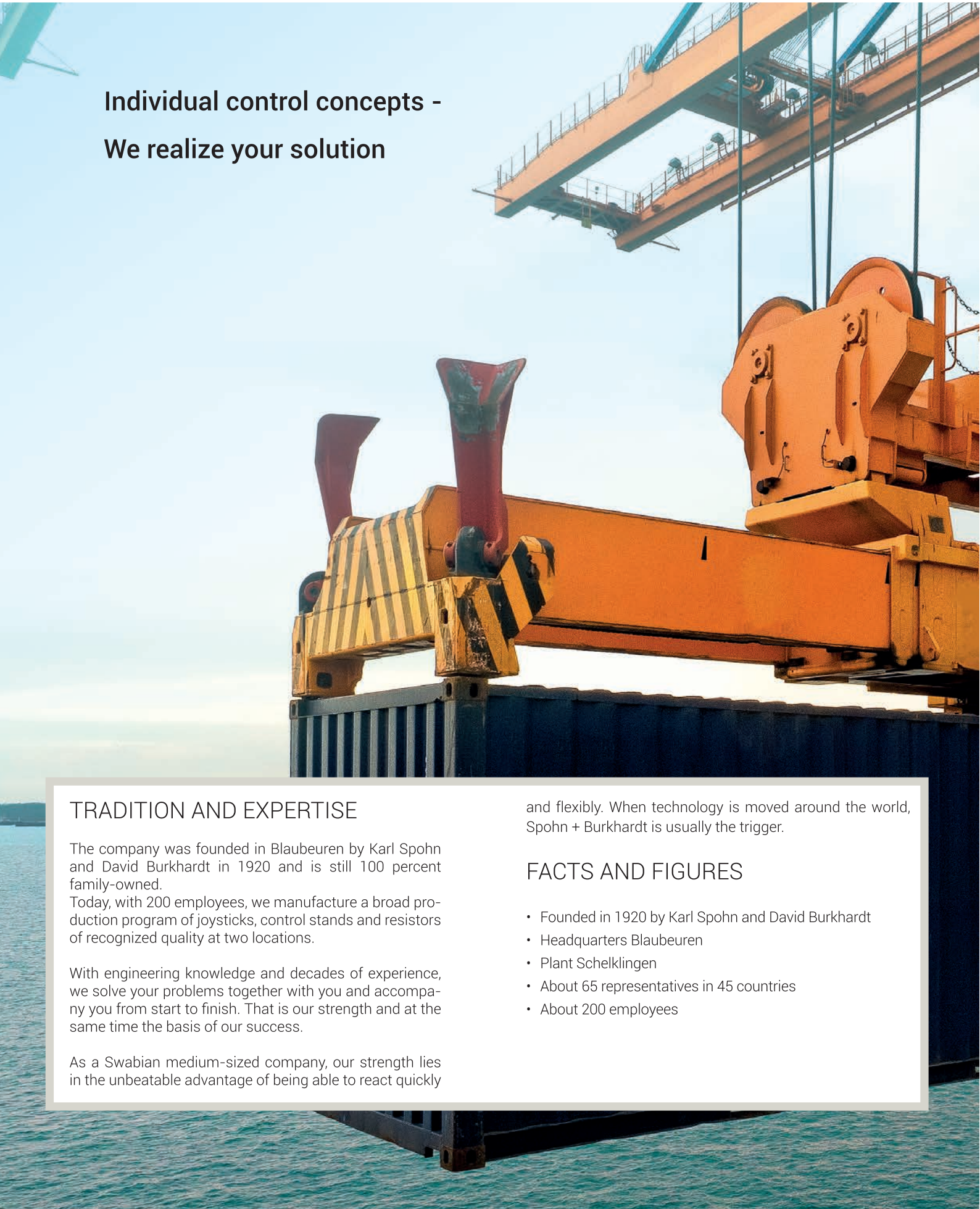
Spohn+Burkhardt
Elektrotechnische Fabrik Blaubeuren

Ship and harbour

Resistors





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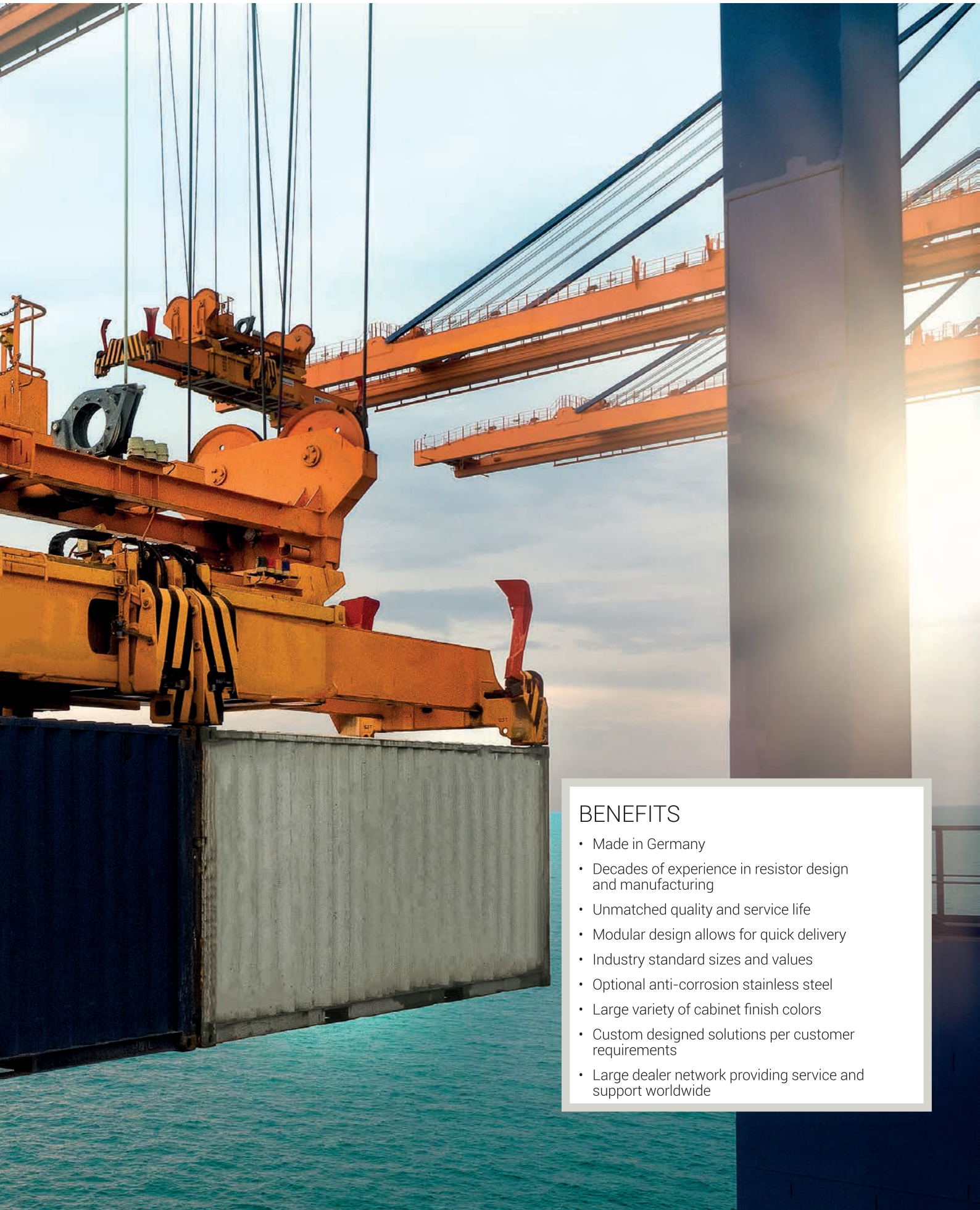

BENEFITS

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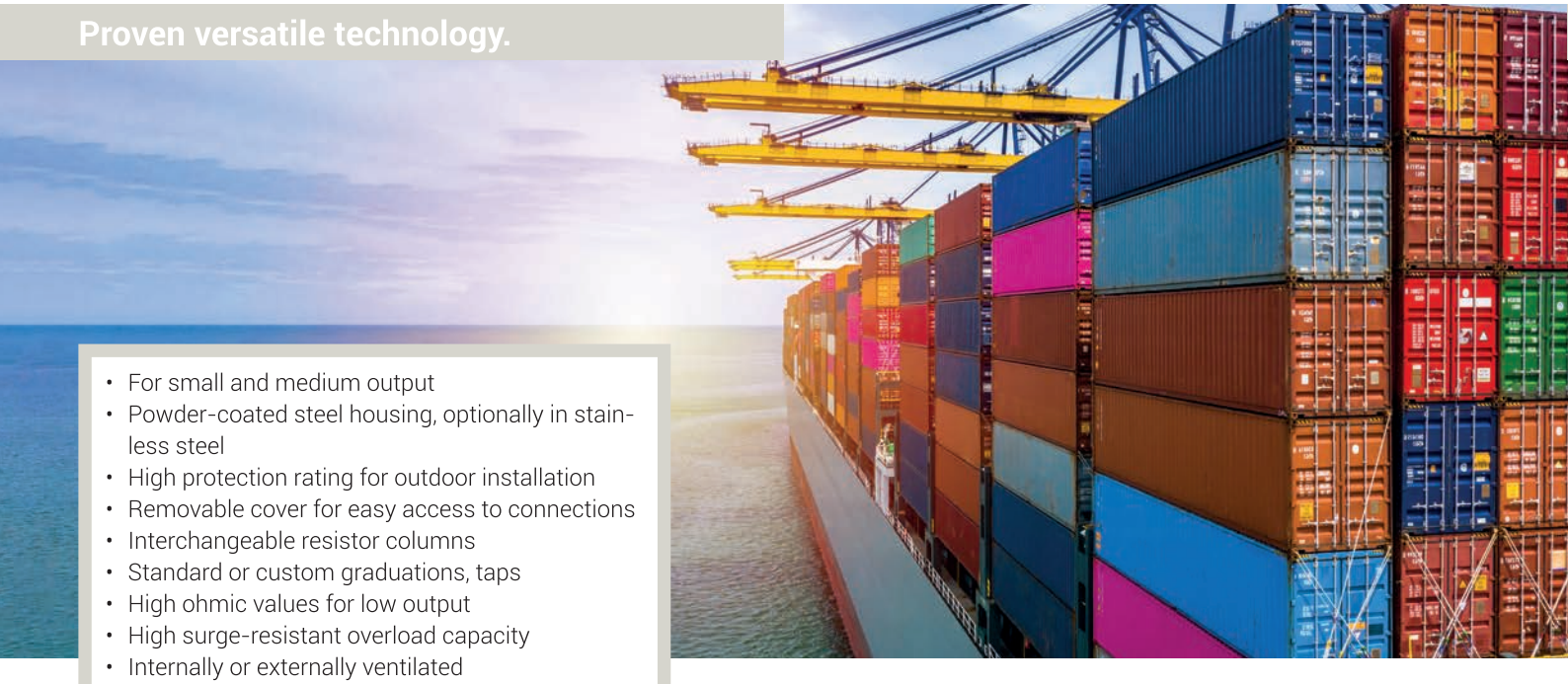
Wire wound resistors

Proven versatile technology.



- For small and medium output
- Powder-coated steel housing, optionally in stainless steel
- High protection rating for outdoor installation
- Removable cover for easy access to connections
- Interchangeable resistor columns
- Standard or custom graduations, taps
- High ohmic values for low output
- High surge-resistant overload capacity
- Internally or externally ventilated
- Optionally with thermal or overload contact

Wire wound resistor

Installable

Forced ventilated

V2A Housing

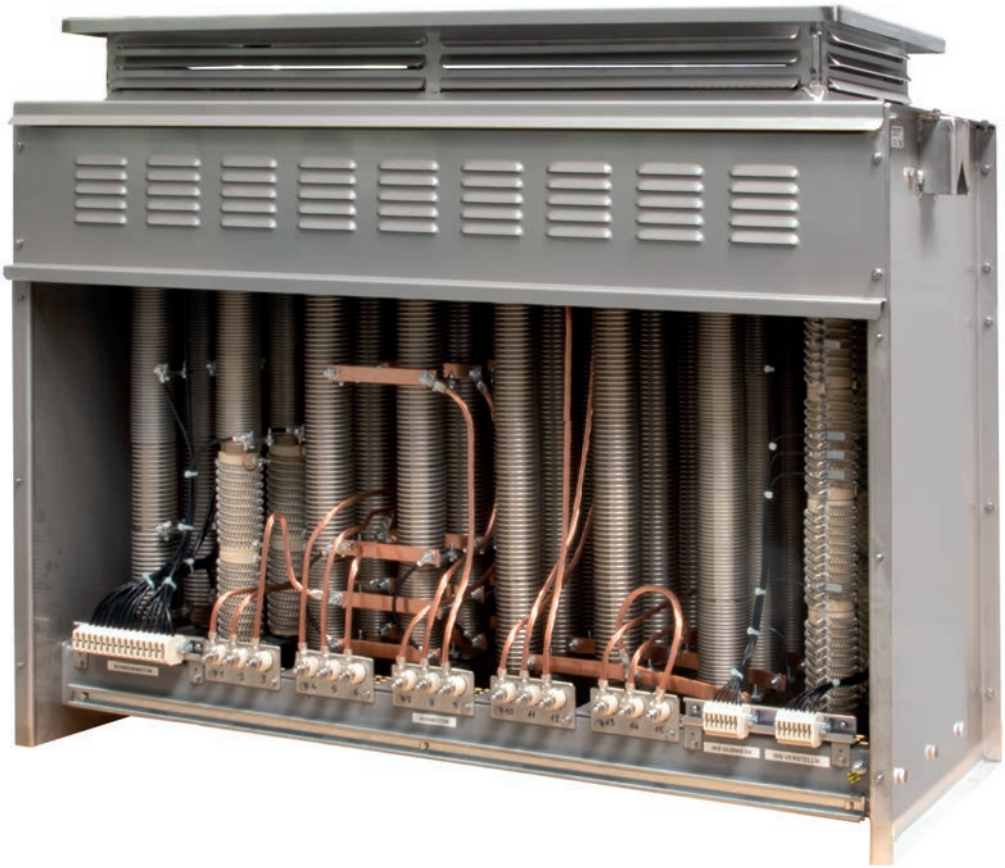
Floor mounting

Wall mounting

Temperature switch

-25°C +45°C Temperature range

IP 23 Max. achievable protection category



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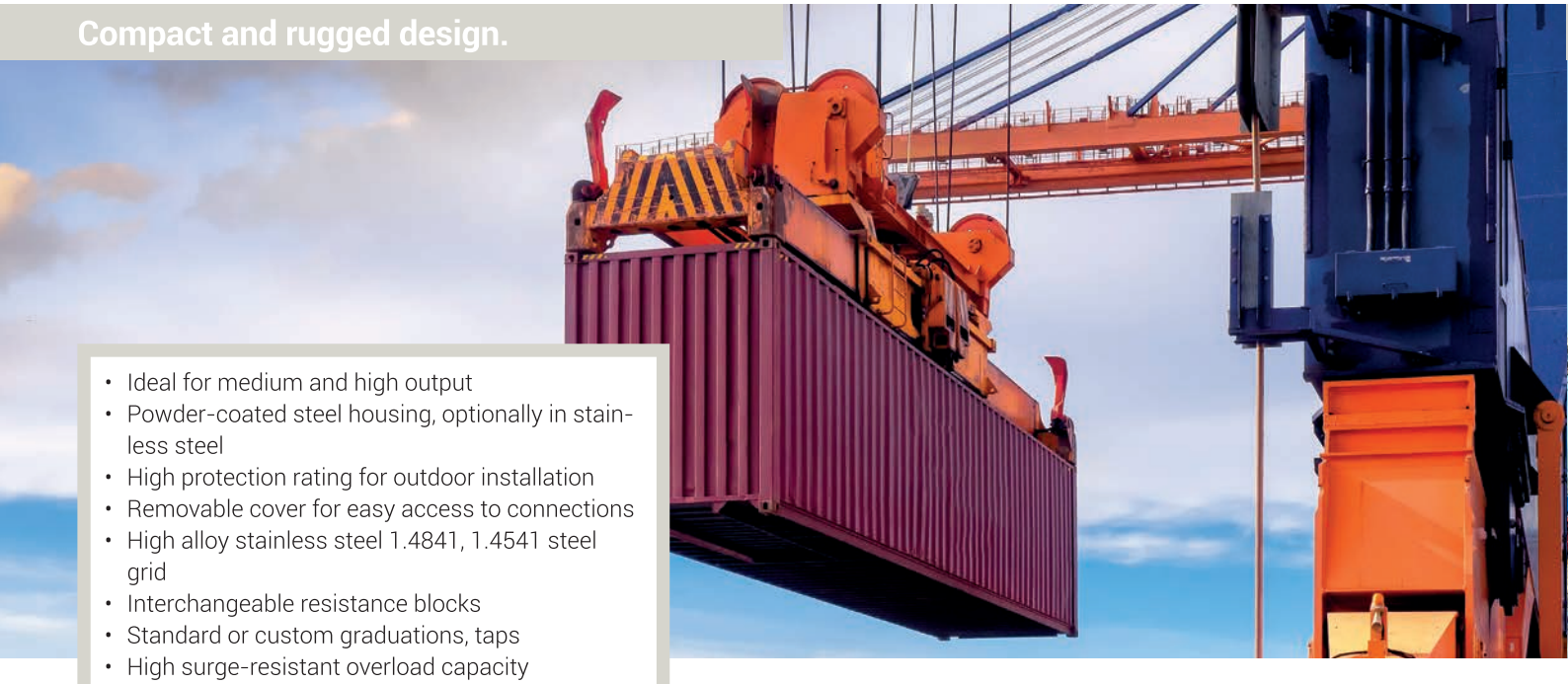

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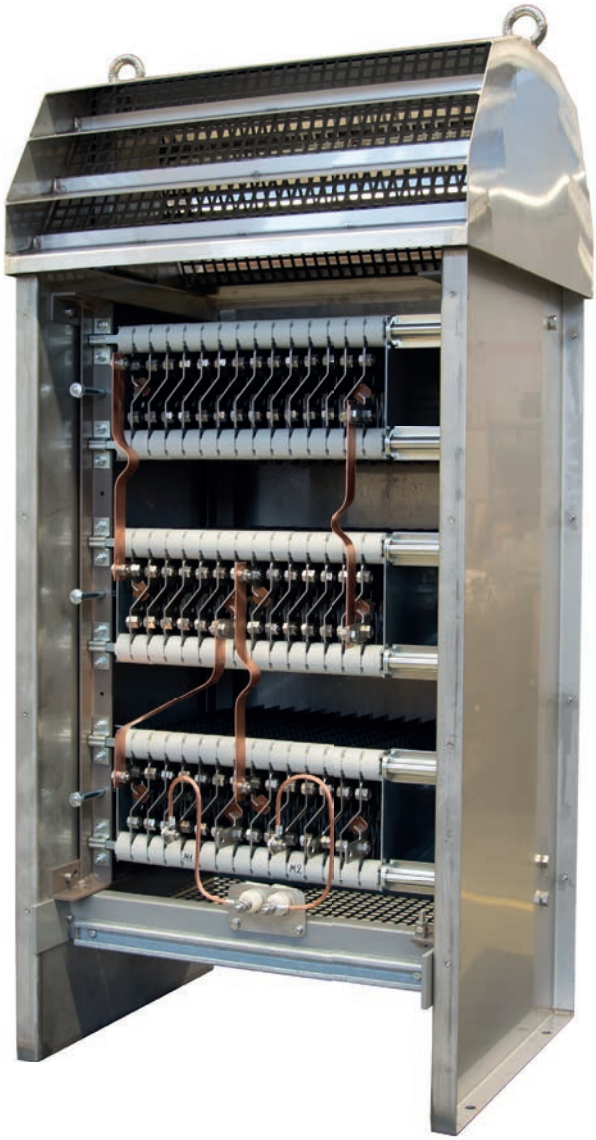

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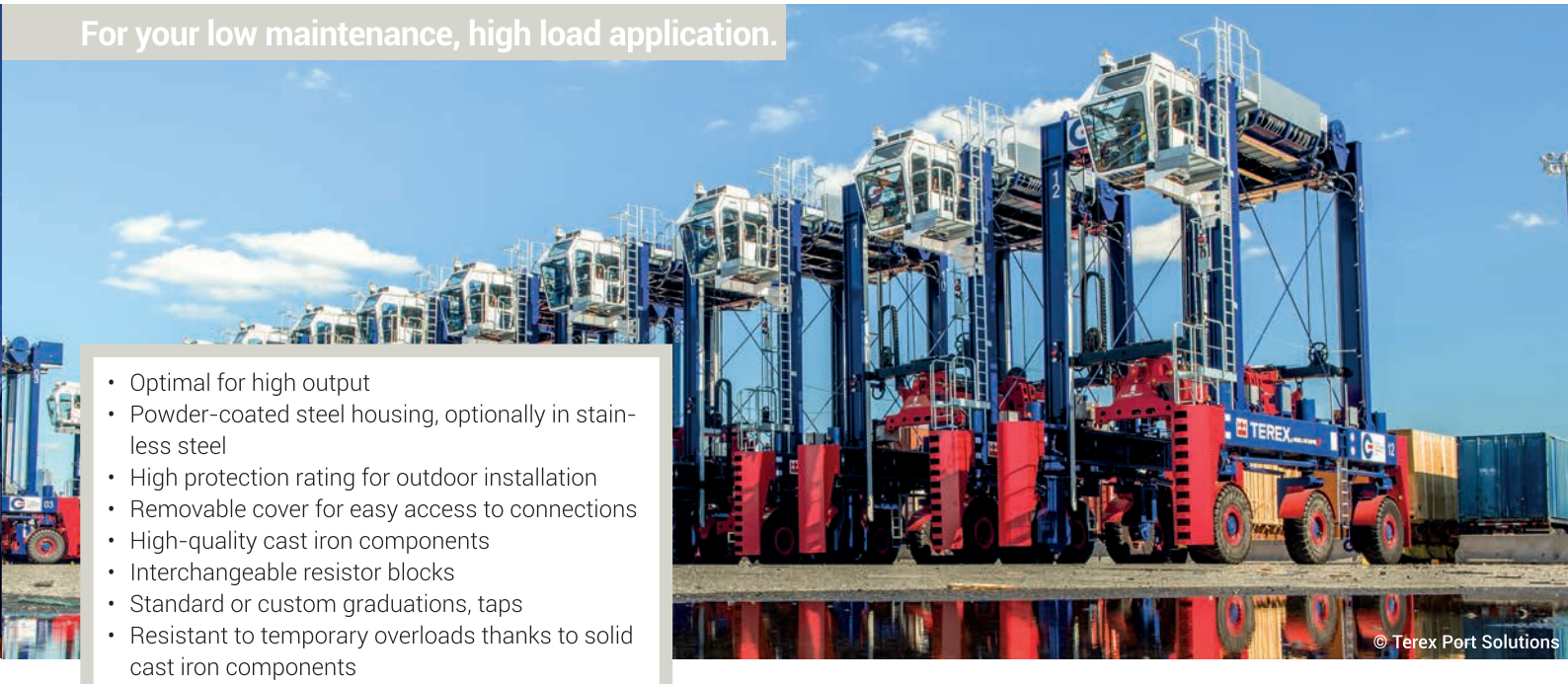

© Terex Port Solutions

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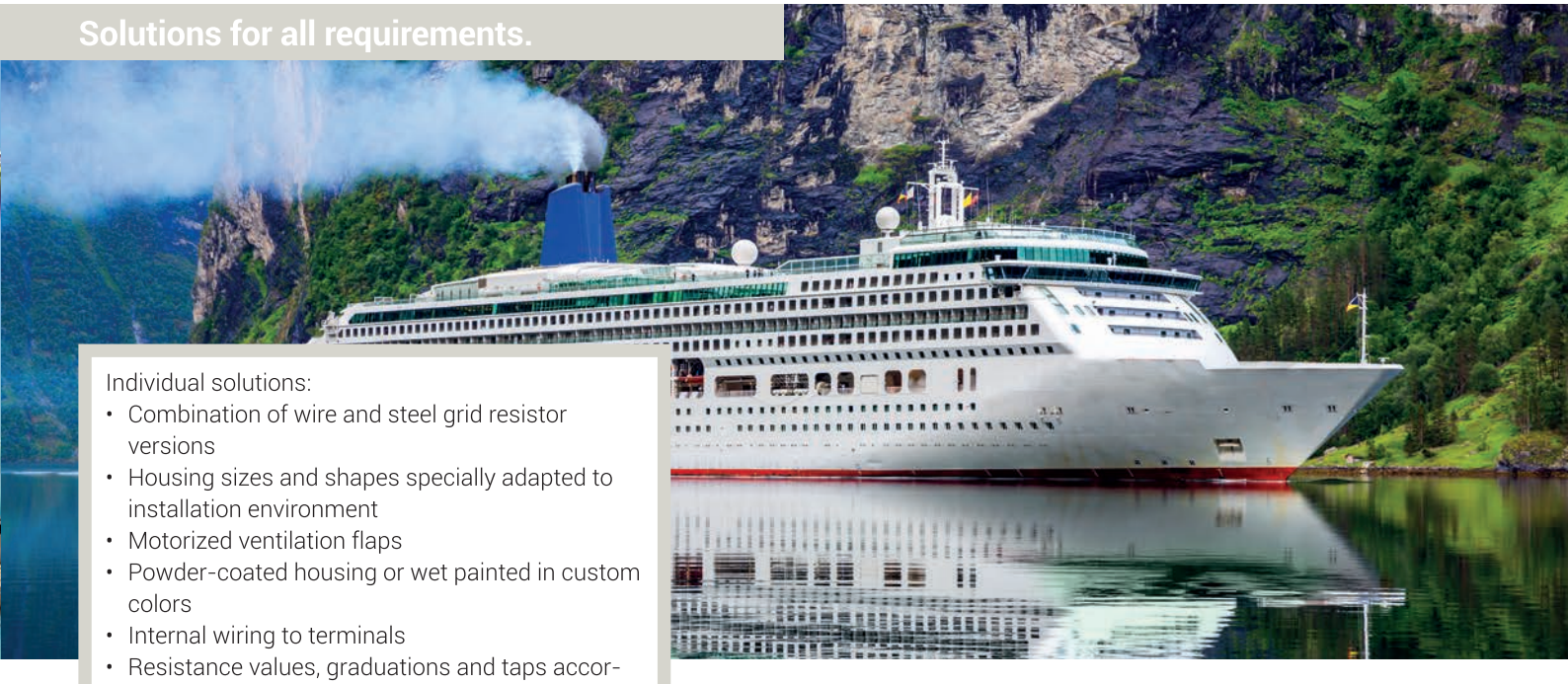

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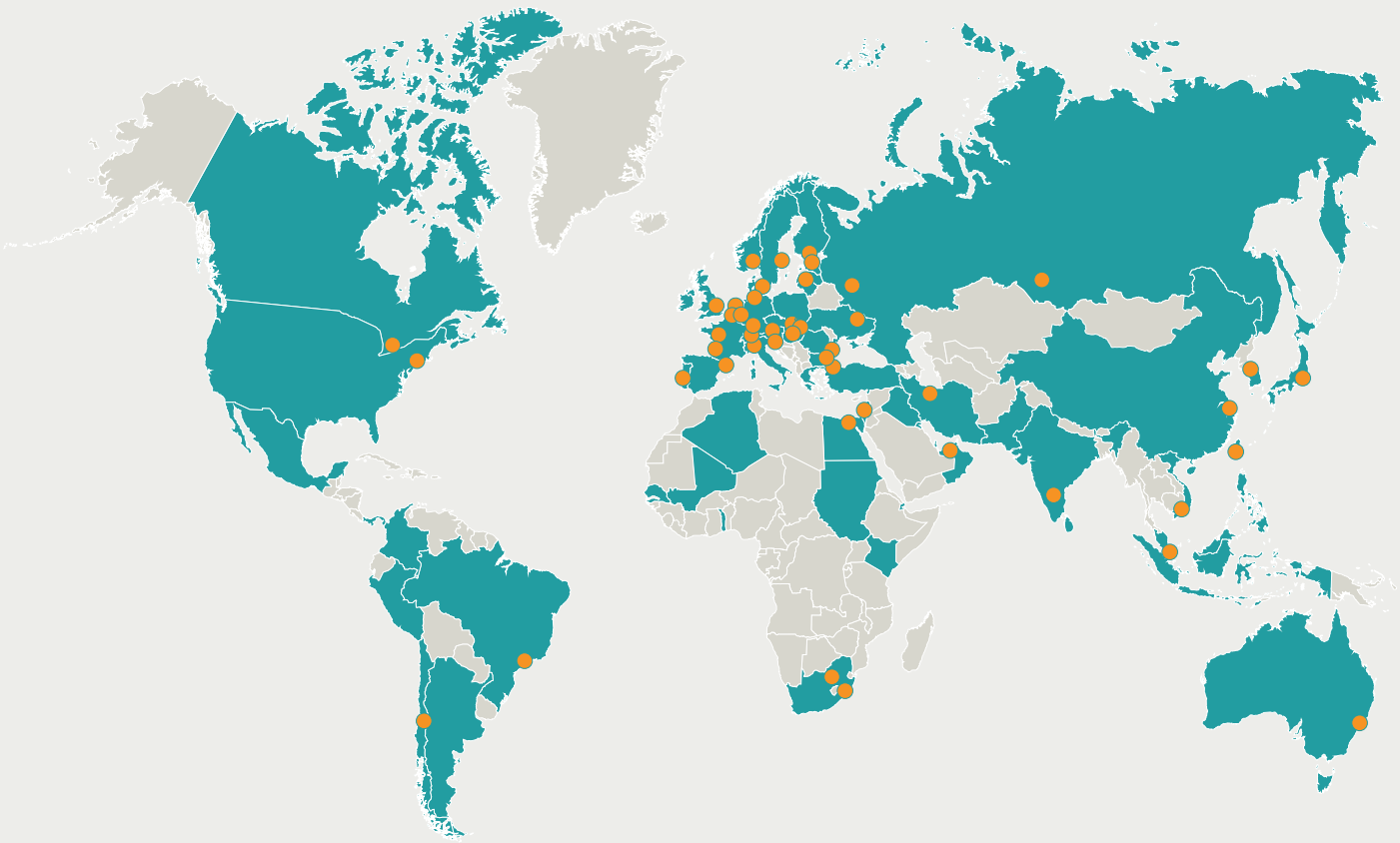

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