

SOLUTIONS FOR INDUSTRIAL APPLICATIONS













SOLUTIONS FOR INDUSTRIAL APPLICATIONS



HOME

CONTENTS

PLANNING - REALIZATION

BASIS OF ENERGY DISTRIBUTION

FLEXIBLE PLANNING

ENERGIE & DATA

PRODUCTS FOR INDUSTRY USED AROUND THE WORLD

WE ARE MENNEKES

The distribution

of energy and data.

Industry is a broad term which in practice covers a wide variety of different forms of business. Despite all the differences in technical systems, controls or machines, they have one thing in common: the distribution of energy and data is of utmost importance to every industrial operation.

There is also an increasing need for intelligent networking of all operating parts through data connections. Today power and data are increasingly the two essential aspects of modern industrial plants.

Whether in the construction of new industrial facilities, in the ongoing building maintenance or in production engineering, our quality is a reference point for every specification. Special solutions for individual requirements are also an integral part of our day to day business. MENNEKES' technical sales team is available at any time with help and advice.













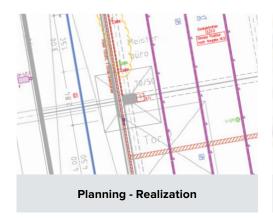


SOLUTIONS FOR INDUSTRIAL APPLICATIONS

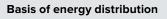


HOME CONTENTS PLANNING - REALIZATION BASIS OF ENERGY DISTRIBUTION FLEXIBLE PLANNING **ENERGIE & DATA** PRODUCTS FOR INDUSTRY USED AROUND THE WORLD **WE ARE MENNEKES**

Contents















Used around the world





SOLUTIONS FOR INDUSTRIAL APPLICATIONS



HOME

CONTENTS

PLANNING - REALIZATION

BASIS OF ENERGY DISTRIBUTION

FLEXIBLE PLANNING

ENERGIE & DATA

PRODUCTS FOR INDUSTRY

USED AROUND THE WORLD

WE ARE MENNEKES

MENNEKES – The specialist for energy and data distribution

from planning to realization.



Globally MENNEKES is recognized as a manufacturer of the highest quality products, all ,Made in Germany'. We live this claim not only with each of our products, but also in the relationship with our customers.

From consultation via planning to realization, it is very important to us to be within reach of our clients at all times, to support both new industrial projects and ongoing operations.

From the enquiry stage - and, if necessary, up to the installation of our products - The MENNEKES' sales team accompanies the whole project.

We take care of compliance and certification, freight and packaging, deadlines and project tracking right through to supplying spare parts to any place in the world. If needed, we also provide standardized documentation, as called for by planners and engineering offices.

Moreover, our regional network of field staff and partners can also provide local support.

At MENNEKES we specialize in individual solutions, having over 80 years of experience in energy distribution to rely on.



SOLUTIONS FOR INDUSTRIAL APPLICATIONS

MENNEKES MY POWER CONNECTION

CONTENTS PLANNING - REALIZATION BASIS OF ENERGY DISTRIBUTION **FLEXIBLE PLANNING ENERGIE & DATA** PRODUCTS FOR INDUSTRY **USED AROUND THE WORLD WE ARE MENNEKES**

THE PLANNING

INVENTORY, ANALYSIS, PLANNING

The basis of energy distribution

is all in the planning.

Quality products are required for a quality solution. Here MENNEKS sets standards worldwide. The planning phase is crucial to the final outcome, since this is the phase when the prerequisites are established.

Product quality and suitability also starts at the planning phase, especially in the case of complex industrial projects, so MENNEKES is always available to advise and assist.

Mistakes or inaccuracies in this phase can result in additional costs, which precise planning is able to avoid. With this in mind it is often best to clarify the aims of the client beforehand. MENNEKES is always on hand to discuss any technical or design aspects to ensure the specification is correct.



SOLUTIONS FOR INDUSTRIAL APPLICATIONS



CONTENTS PLANNING - REALIZATION BASIS OF ENERGY DISTRIBUTION FLEXIBLE PLANNING **ENERGIE & DATA** PRODUCTS FOR INDUSTRY **USED AROUND THE WORLD** WE ARE MENNEKES

THE PLANNING

INVENTORY, ANALYSIS, PLANNING

... from the inventory via analysis to planning.

Inventory

Only the concrete planning of a project makes it really sustainable and successful. Firstly the aim of the project should be clarified precisely. This begins with a meticulous stocktaking by setting up a systematic, structured and prioritized specification. These specifications, determined through dialogue with a client, describe the scope of the project to be provided. The location must be analyzed together with the requirements for subsequent use of the products in continuous operation.

This determination of the initial and targeted states is taken as a basis for a spatial planning, which takes into account further requirements such as standards and guidelines. Not only cost-effectiveness but also the question of environmental compatibility is important in today's considerations, which should be addressed at an early stage.

Analysis and planning

Once the priorities have been specified, the preliminary planning can begin, by ensuring that the specifications are in line with the client's wishes. Once the client has come to a decision, this serves as a basis for a planning concept, in which all desired functions of the individual plants are taken into account in accordance with the specifications and planning.

If the planning concept is robust, attention can be paid to technical and legal aspects (approval planning). After resolving these points, you can proceed to preliminary negotiations with the authorities, owners and clients about the approval procedures and the estimation of costs. MENNEKES has many years of practical experience with which to support professionally at all planning stages from the beginning.





SOLUTIONS FOR INDUSTRIAL APPLICATIONS



HOME CONTENTS PLANNING - REALIZATION **BASIS OF ENERGY DISTRIBUTION** FLEXIBLE PLANNING **ENERGIE & DATA** PRODUCTS FOR INDUSTRY **USED AROUND THE WORLD** WE ARE MENNEKES

Flexible project planning:

for every application the right product ...

Ideally the planning of the basic infrastructure should take into account not only the specific needs of an industrial plant but also leave scope from the start for future redistribution or facility changes.

This applies both to the production technology built on it and to ongoing maintenance. MENNEKES' wall mounted combinations can very easily be adapted to new needs. If the combinations are supplied through cables, a re-positioning is possible without much trouble. If there is a desire for stand solutions, which are also to be connected through ground lines, the planning has to be very precise. MENNEKES' technicians are happy to advise you.

We have many years of experience behind us, especially with such solutions, and can gladly incorporate our expertise into concrete planning.

On the other hand, complete flexibility may be attained with suspendable combinations and mobile distributors, which leave full scope in application, even where there are no walls or columns for the installation.

Whether the machine layout changes in production, or test laboratories have to be converted to new processes, or routes for forklifts and pallet trucks have to be kept flexible, suspendable combinations together with a cleverly planned hall distribution can help avoid future problems before they can arise.





Stainless steel distributors

CombiTOWER

Mobile and suspendable distributors

PowerTOP Xtra



SOLUTIONS FOR INDUSTRIAL APPLICATIONS



CONTENTS

PLANNING - REALIZATION

BASIS OF ENERGY DISTRIBUTION

FLEXIBLE PLANNING

ENERGIE & DATA

PRODUCTS FOR INDUSTRY

USED AROUND THE WORLD

WE ARE MENNEKES

... and the right enclosure.



When it comes to materials, we at MENNEKES have the right solution for every application. To meet challenges in working areas where chemicals and other aggressive materials are used, enclosures made of AMELAN offer a higher resistance to all types of fuels, oils, greases, diluted acids and bases as well as cleaners and most aqueous salt solutions. In addition, highly heat-resistant contact carriers and nickel plated contacts provide safety in highly corrosive environments.

Solid rubber compounds are used mainly where products are exposed to high mechanical and/or chemical stress.

The solid rubber material has excellent dimensional stability, can resist most acids and alkalies and is extremely durable.

Whether at the factory premises or in production, wherever reliable protection is needed against unauthorized access, or where appearances are important, MENNEKES can offer lockable stainless steel combinations.



SOLUTIONS FOR INDUSTRIAL APPLICATIONS



CONTENTS PLANNING - REALIZATION **BASIS OF ENERGY DISTRIBUTION** FLEXIBLE PLANNING **ENERGIE & DATA** PRODUCTS FOR INDUSTRY **USED AROUND THE WORLD WE ARE MENNEKES**

INDUSTRY 4.0

MEDIA DISTRIBUTOR

Energy and data – distribution and networking

Solutions for the industry 4.0...

Networking is increasingly important in a globalized and industrialized world. Processes increasingly operate digitally. Consequence: Automation and better control. This results in an increased demand for network components in the industry.

Machines increasingly need to link to the Intranet and Internet, to logistics and online shops, to the manufacturing process and CAD systems to machinery and customers. MENNEKES offers solutions to the distribution of energy or data.



SOLUTIONS FOR INDUSTRIAL APPLICATIONS



HOME CONTENTS

PLANNING - REALIZATION

BASIS OF ENERGY DISTRIBUTION

FLEXIBLE PLANNING

ENERGIE & DATA

PRODUCTS FOR INDUSTRY

USED AROUND THE WORLD

WE ARE MENNEKES

INDUSTRY 4.0

MEDIA DISTRIBUTOR

Energy and data – distribution and networking

... also easy to retrofit.

A modular system combining energy and data technology is ideal for setting up decentralized networks or sub-networks in harsh industrial environments. Wherever data and energy are needed MENNEKES has a solution.

Advantages:

- Physically separate enclosures with a hinged upper enclosure part
- Spatial separation of data and energy enclosure
- Standard pre-stamped cable glands
- Cable connection set with multiple sealing inserts for variable cable glands
- Data access from outside through lockable Cepex data outlets possible







SOLUTIONS FOR INDUSTRIAL APPLICATIONS

CONTENTS PLANNING - REALIZATION BASIS OF ENERGY DISTRIBUTION FLEXIBLE PLANNING **ENERGIE & DATA** PRODUCTS FOR INDUSTRY USED AROUND THE WORLD **WE ARE MENNEKES**

INDUSTRY 4.0

MEDIA DISTRIBUTOR

Energy and data – distributing and networking at each point.

Today many machines and systems require network connections. In whatever application energy and data are needed, the combination of energy and data distribution in robust industrial quality is one of our strengths.

MENNEKES also offers solutions to the distribution of energy and data in mobile, suspendable or lockable combinations.









SOLUTIONS FOR INDUSTRIAL APPLICATIONS



HOME

CONTENTS

PLANNING - REALIZATION

BASIS OF ENERGY DISTRIBUTION

FLEXIBLE PLANNING

ENERGIE & DATA

PRODUCTS FOR INDUSTRY

USED AROUND THE WORLD

WE ARE MENNEKES

INDUSTRY 4.0

MEDIA DISTRIBUTOR

Energy and data – distributing and networking with the media distributor.

Our AMAXX enclosures meet the requirements of industrial applications. The use of these proven enclosures for network components offers robust and compact solutions for expanding existing networks or for setting up small networks.

If a network expansion is planned, the media distributor by MENNEKES is the perfect solution. The media distributor can be individually fitted with standard active network components and Keystones.

The plastic enclosure is ideally suited for installing wireless components and protects the installed components against dust, moisture and other environmental influences.





SOLUTIONS FOR INDUSTRIAL APPLICATIONS



HOME

CONTENTS

PLANNING - REALIZATION

BASIS OF ENERGY DISTRIBUTION

FLEXIBLE PLANNING

ENERGIE & DATA

PRODUCTS FOR INDUSTRY

USED AROUND THE WORLD

WE ARE MENNEKES

INDUSTRY 4.0

MEDIA DISTRIBUTOR

Energy and data – distributing and networking with the media distributor.

Metric screw fitting M40 with multiple sealing insert, 6 openings for cable diameters of 6-9 mm and blanking plugs

Velcro connectors for attaching the network components

Cepex data socket with RJ45 right angle connector module for direct connection of patch cables

Generous connection area

Installation space for network components

such as switch, router, WLAN access point etc.

Metric screw fitting M20

Combined patch panel

· for fitting 8 manufacturerindependent RJ45 keystones and individual assembly options for active network components

 Recesses compliant with IEC 60603-7: 19.45 mm and 14.91 mm; with threaded grounding screws M 6 for the optional connection of an external ground conductor

2 SCHUKO® receptacles for the power supply of active network components





SOLUTIONS FOR INDUSTRIAL APPLICATIONS



HOME CONTENTS **PLANNING - REALIZATION BASIS OF ENERGY DISTRIBUTION** FLEXIBLE PLANNING **ENERGIE & DATA** PRODUCTS FOR INDUSTRY **USED AROUND THE WORLD** WE ARE MENNEKES

STANDARD MATERIAL WALL MOUNTING SUSPENDABLE SOLUTIONS STAND-ALONE COMBINATIONS MOBILE DISTRIBUTORS

Products for the industry

Standard material.

In addition to the conventional wall mounted receptacles, the MENNEKES range up to 400 A also includes variants with increased corrosion protection and fusing, as well as residual current protection. This is excellent for industrial applications where the demands imposed on material and products are extremely high.

Our range includes variants of 110-500 V and protection classes IP44 (splash-proof) up to IP67 (water-proof).

PowerTOP Xtra is a complete product family with solutions for every application area. In this regard plugs, connectors and phase inverters have been completely reworked and optimized in every detail.

With X-CONTACT MENNEKES has developed a completely innovative contact sleeve solution for industrial plugs and sockets setting new standards in safety, reliability and durability.





SOLUTIONS FOR INDUSTRIAL APPLICATIONS



HOME

CONTENTS

PLANNING - REALIZATION

BASIS OF ENERGY DISTRIBUTION

FLEXIBLE PLANNING

ENERGIE & DATA

PRODUCTS FOR INDUSTRY

USED AROUND THE WORLD

WE ARE MENNEKES

STANDARD MATERIAL

WALL MOUNTING

SUSPENDABLE SOLUTIONS

MOBILE DISTRIBUTORS

STAND-ALONE COMBINATIONS

Products for the industry

Standard material.

Wall mounted receptacles DUO

- Can be switched off/locked
- If the receptacle is switched on it is not possible to remove the plug



X-CONTACT

- Secure contact closure and simple handling
- As much as 50% less expenditure of force
- More information can be found at www.X-CONTACT.com



PowerTOP Xtra family

- · Ergonomically optimized design
- Simplified assembly
- Simple and secure connection
- All PowerTOP Xtra with X-CONTACT inside
- More information can be found at www.**MENNEKES**.org/powertopxtra



Here you can find the advantages of our DUO wall mounted receptacles



Here you can find our assembly video of our DUO wall mounted receptacles



Here you can find the advantages of our PowerTOP Xtra family







SOLUTIONS FOR INDUSTRIAL APPLICATIONS



HOME CONTENTS **PLANNING - REALIZATION BASIS OF ENERGY DISTRIBUTION** FLEXIBLE PLANNING

ENERGIE & DATA PRODUCTS FOR INDUSTRY **USED AROUND THE WORLD**

WE ARE MENNEKES

STANDARD MATERIAL

WALL MOUNTING

SUSPENDABLE SOLUTIONS

MOBILE DISTRIBUTORS

STAND-ALONE COMBINATIONS

Products for the industry

Wall mounting.



Good planning and project planning involves the selection of suitable products. With AMAXX receptacle combinations by MENNEKES you are optimally equipped, regardless of the environment. The proven product family has been in reliable operation for years and is therefore field-tested.

Thanks to receptacles pointing downwards at an angle, little space is required for inserted cables. The standard front cover colour is light grey. On request we can offer the colour variants silver and yellow.

Wherever there is a need for a robust material in an attractive design, stainless steel surface-mounted receptacle combinations are the right choice.

The EverGUM series is made from solid rubber. In applications with harsh mechanical conditions or aggressive cleaning agents EverGUM enclosures are always the right choice.



SOLUTIONS FOR INDUSTRIAL APPLICATIONS



HOME CONTENTS

PLANNING - REALIZATION

BASIS OF ENERGY DISTRIBUTION

FLEXIBLE PLANNING

ENERGIE & DATA

PRODUCTS FOR INDUSTRY

USED AROUND THE WORLD

WE ARE MENNEKES

STANDARD MATERIAL

WALL MOUNTING

SUSPENDABLE SOLUTIONS

MOBILE DISTRIBUTORS

STAND-ALONE COMBINATIONS

Products for the industry

Wall mounting.

AMAXX receptacle combination

- Inclined downwards receptacles
- Modular design
- Individually configurable



EverGUM receptacle combination

- Impact-resistant
- High dieletric strength and creep resistance

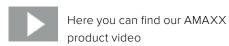




Stainless steel distributors

- Modern design
- · Lockable in plugged-in status









SOLUTIONS FOR INDUSTRIAL APPLICATIONS



HOME CONTENTS PLANNING - REALIZATION BASIS OF ENERGY DISTRIBUTION FLEXIBLE PLANNING **ENERGIE & DATA** PRODUCTS FOR INDUSTRY **USED AROUND THE WORLD** WE ARE MENNEKES

STANDARD MATERIAL WALL MOUNTING SUSPENDABLE SOLUTIONS STAND-ALONE COMBINATIONS MOBILE DISTRIBUTORS

Products for the industry

Suspendable solutions.

Every industrial plant has workplaces which cannot be supplied with energy by conventional wall combinations.

MENNEKES offers a practical solution in the form of suspendable combinations to supply the workplaces with electricity from ceiling trays.

MENNEKES offers several groups of products for this: the suspendable AMAXX combinations, the AirKRAFT and 3KRAFT products as well as Delta BOXES.





SOLUTIONS FOR INDUSTRIAL APPLICATIONS



HOME

CONTENTS

PLANNING - REALIZATION

BASIS OF ENERGY DISTRIBUTION

FLEXIBLE PLANNING

ENERGIE & DATA

PRODUCTS FOR INDUSTRY

USED AROUND THE WORLD

WE ARE MENNEKES

STANDARD MATERIAL

WALL MOUNTING

SUSPENDABLE SOLUTIONS

MOBILE DISTRIBUTORS

STAND-ALONE COMBINATIONS

Products for the industry

Suspendable solutions.

AMAXX suspendable

- · Modular design
- Handle
- · can be equipped with receptacles on two sides



3KRAFT

 Compressed air connection possible



AirKRAFT

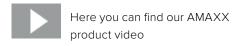
· Fusing possible



Delta-BOX

· mounted suspension system









SOLUTIONS FOR INDUSTRIAL APPLICATIONS

HOME CONTENTS **PLANNING - REALIZATION**

BASIS OF ENERGY DISTRIBUTION

FLEXIBLE PLANNING

ENERGIE & DATA

PRODUCTS FOR INDUSTRY

USED AROUND THE WORLD

WE ARE MENNEKES

STANDARD MATERIAL

WALL MOUNTING

SUSPENDABLE SOLUTIONS

MOBILE DISTRIBUTORS

STAND-ALONE COMBINATIONS

Products for the industry

Mobile distributors.



Most industrial plants also need mobile power distributors. Whether in production halls with mobile equipment or in maintenance and service, mobile combinations from MENNEKES are an optimum solution for all applications.

For mobile applications MENNEKES offers various solutions: AMAXX combinations are also available as portable variants. The EverGUM series also includes portable distributors and receptacle strips for harsh mechanical conditions. Thanks to the solid rubber enclosure, they can resist acids and alkalies.

The mobile PE distributors provide numerous combination options in stackable insulated enclosures for indoor and outdoor use. The unique, newly developed addition to the family of mobile products is the EverBOX Grip: Developed for the very demanding and mostly confined working environments at shipyards, this 'power pack' offers a new approach to mobile distribution.



SOLUTIONS FOR INDUSTRIAL APPLICATIONS



HOME

CONTENTS

PLANNING - REALIZATION

BASIS OF ENERGY DISTRIBUTION

FLEXIBLE PLANNING

ENERGIE & DATA

PRODUCTS FOR INDUSTRY

USED AROUND THE WORLD

WE ARE MENNEKES

STANDARD MATERIAL

WALL MOUNTING

SUSPENDABLE SOLUTIONS

MOBILE DISTRIBUTORS

STAND-ALONE COMBINATIONS

Products for the industry

Mobile distributors.

AMAXX combination

- · Safe distribution on-site
- · Robust enclosure
- · On/Off switch can be integrated
- · Fusing on-site (for example with fire protection switch in accordance with DIN VDE 0100-420)
- · Available with or without supply cable



EverBOX Grip - mobile distributors

- · Compact enclosure and stackable
- Minimal weight and convenient to carry
- Protected receptacles



Mobile EverGUM distributor

- · Ground clearance prevents water ingress
- Robust
- Colour signal yellow
- · Available with or without supply cable



Here you can find our AMAXX product video









SOLUTIONS FOR INDUSTRIAL APPLICATIONS



HOME CONTENTS PLANNING - REALIZATION BASIS OF ENERGY DISTRIBUTION FLEXIBLE PLANNING **ENERGIE & DATA** PRODUCTS FOR INDUSTRY **USED AROUND THE WORLD WE ARE MENNEKES**

STANDARD MATERIAL WALL MOUNTING SUSPENDABLE SOLUTIONS STAND-ALONE COMBINATIONS MOBILE DISTRIBUTORS

Products for the industry

Stand-alone combinations.

Industrial facilities and outdoor areas have many applications where a fixed position stand alone distributor is required.

In such applications, stand-alone combinations from MENNEKES meet the highest standards.

Our diverse portfolio already covers a broad variety of applications but we can also offer bespoke solutions.

Whether the need is for highly stable power posts or robust stainless steel enclosures with locking systems MENNEKES has the solution.





Power post

Stand-alone combinations



SOLUTIONS FOR INDUSTRIAL APPLICATIONS



CONTENTS PLANNING - REALIZATION BASIS OF ENERGY DISTRIBUTION **ENERGIE & DATA** PRODUCTS FOR INDUSTRY **USED AROUND THE WORLD**

STAND-ALONE COMBINATIONS STANDARD MATERIAL WALL MOUNTING SUSPENDABLE SOLUTIONS

Products for the industry

Stand-alone combinations.



As early as 2012, in cooperation with MENNEKES, such freestanding distributors were developed for our new plant in China. The devices have shown their worth so more have been ordered, this time in a variant suitable for the parent company in Obertshausen. The cooperation between the technical departments of Karl Mayer and MENNEKES has gone very smoothly.

Ralf Lienau, head of the department of electrical maintenance at Karl Mayer, Obertshausen

SOLUTIONS FOR INDUSTRIAL APPLICATIONS



CONTENTS PLANNING - REALIZATION BASIS OF ENERGY DISTRIBUTION FLEXIBLE PLANNING **ENERGIE & DATA** PRODUCTS FOR INDUSTRY **USED AROUND THE WORLD** WE ARE MENNEKES

In use all round the world

Esteemed internationally.

Many international projects with satisfied customers are proof of this. Furthermore, we have a range of products with a variety of combinations that allows diverse possibilities and a passion for developing custom made solutions. For use all round the world.

Learn more about the worldwide references at www.amaxx.info/en/amaxx/references/

References:

- Metal industry | Julius Kleemann, Germany
- Recycling | Milton Keynes Waste Recovery Park, Great Britain
- Steel industry | ABS, Italy
- Energy generation & distribution | Electrabel, Belgium
- Food and beverage industry | Dr. Oetker, Canada
- Aerospace industry | AIRBUS, USA
- Food and beverage industry | Nigerian Bottling Company, Nigeria
- Oil and gas industry | Reliance Industries Limited, India
- Energy generation and distribution | EGAT, Thailand
- Machine engineering | Karl Mayer, China
- Food and beverage industry | Heineken, Cambodia
- Tire industry | Pirelli, Indonesia
- Energy generation and distribution | Siemens, Russia
- Steel and aluminium industry | EMAL (Emirates Aluminium), Abu Dhabi, United Arab Emirates
- Metal industry | Tenaris, Colombia





SOLUTIONS FOR INDUSTRIAL APPLICATIONS



HOME

CONTENTS

PLANNING - REALIZATION

BASIS OF ENERGY DISTRIBUTION

FLEXIBLE PLANNING

ENERGIE & DATA

PRODUCTS FOR INDUSTRY

USED AROUND THE WORLD

WE ARE MENNEKES

Contact persons

at MENNEKES.



Do you have questions about our solutions and products? You can find our contact persons on our website:





SOLUTIONS FOR INDUSTRIAL APPLICATIONS



CONTENTS

PLANNING - REALIZATION

BASIS OF ENERGY DISTRIBUTION

FLEXIBLE PLANNING

ENERGIE & DATA

PRODUCTS FOR INDUSTRY

USED AROUND THE WORLD

WE ARE MENNEKES

MY POWER CONNECTION

We are MENNEKES.

The MENNEKES Group is the world's leading provider of industrial plugs and sockets and e-mobility charging solutions. Our "type 2" charging plug has been the official standard connector for electric vehicles throughout the European Union since 2014. Since our familyowned company was founded in Germany's Sauerland region back in 1935, it has spread around the world and is currently represented in 90 countries by subsidiaries with a total workforce of around 1,400 employees.











We produce plugs and sockets, receptacles and receptacle combinations in a vast range of types and models.

Our robust, long-lived solutions are deployed wherever electric power needs to flow reliably and consistently: in industrial applications, railway and transport companies, mining and shipbuilding industry, in container ports and at airports, on trade exhibitions, in stadiums and data centers. In the field of e-mobility, MENNEKES supplies appropriate solutions and equipment for future mobility. Our range includes charging plugs and cables, intelligent charging columns and wallboxes, billing services and a network of trained installers - for private, industrial, commercial and public applications. For the automotive industry and its suppliers, we also make charging inlets and cables for electric cars.