PRODUCT OVERVIEW

PRODUCTS

APPLICATIONS

SOLUTIONS
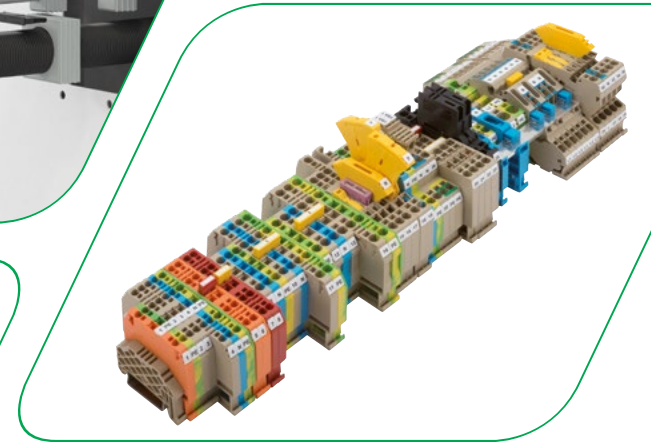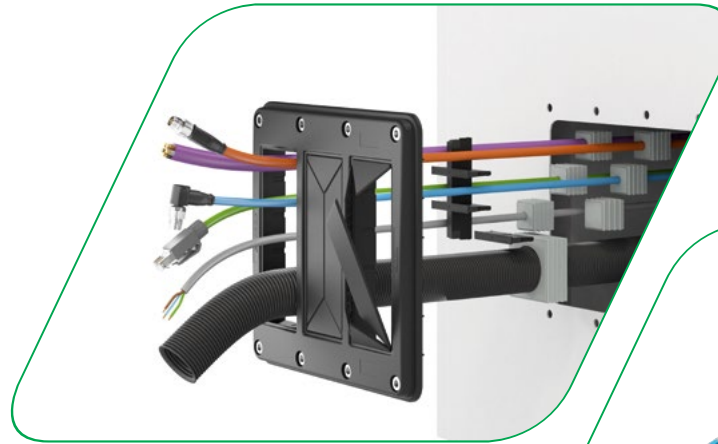
CONTACLIP

CONTA-CLIP –
Thinking ahead with connection technology

40 JAHRE
1978 – 2018

CONTA-CLIP was founded in 1978.
We operate globally as an owner-operated medium-sized company.

Users of electrical and electronic connection systems count on our reliable products and our many years of industrial and global market expertise.

Our company is now one of the most important manufacturers in the field. For over 40 years, our components and solutions have been used in process and industrial automation applications, including: railway technology, materials handling, building automation, air conditioning, mechanical and facility engineering, measurement and control technology, control panel construction, shipbuilding, transformer construction and environmental technology.

Over the years, we have evolved into an innovator that sets the tone with new ideas and creative impulses.

Our employees come from a wide variety of industries and view themselves as true connectivity specialists. They understand the specific problems, requirements and challenges of our customers. This results in communication among equals.

In addition to developing and creating new products, we invest in modern, efficient manufacturing processes. High quality standards throughout all departments are our top priority.

Our top-class products are supported by this interplay between top-class men and machinery. We have also designed our range of services to align with customer needs.

Our products include: CONTA-CONNECT for terminal blocks and accessories, CONTA-ELECTRONICS for electrical and electronic cabinet components, CONTA-LABEL for marking and cable management systems, CONTA-BOX for housings and enclosure technology, and CONTA-CON for PCB terminals and connectors. We design customer-specific solutions for electronics, provide completely assembled housings and assemblies as needed, assemble terminal blocks for series production, and quickly handle component labelling tasks.

We greet these challenges with passion and enthusiasm, because we see each customer as our partner.

CONTA-CLIP customer representatives are always ready to offer their support to the customer, because service and helpfulness are rooted deeply in our corporate philosophy.
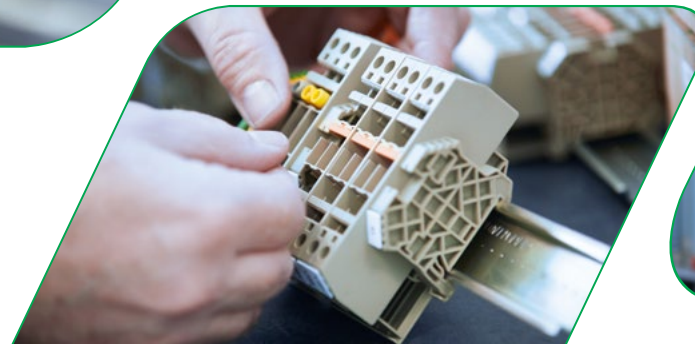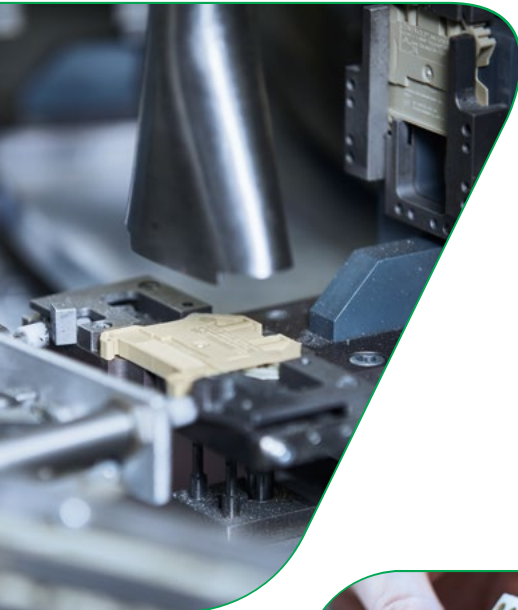
Advantage online

No matter where you are, as long as you're online you can access our digital catalogue to look at our services and quickly identify suitable solutions for your requirements.

Discover CONTA-CLIP!

Look for this symbol to find detailed information in our digital catalogue. Simply scan the code or click on www.catalog.conta-clip.com/en

# We take care of everything in your switchgear cabinet.

Users of connection systems have come to rely on CONTA-CLIP's broad portfolio of products – because our products are developed in close consultation with users and under the strictest quality standards. They are available worldwide and are designed to meet individual requirements.

Our quality ensures our future. Our certifications are proof of our outstanding quality. Quality management at CONTA-CLIP is conducted in compliance with DIN ISO 9001 and the certification of our suppliers is a top priority for us. Our products also comply with the relevant international approvals and standards.

For all wire connection technologies

We are very well positioned with products for all wire connection methods and offer technologically pioneering solutions in many fields. Whether you're using a screw-based, Push-In, tension-spring or stud-based wire connection system – our portfolio is in line with market requirements.
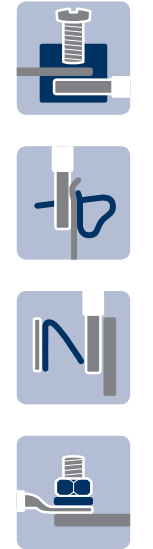
Pioneering applications

There are many ways to implement an application: We always chose the best technical solution that ensures functionality and simple, safe operations. The proof lies in our completely satisfied users.

Customized solutions

Reliability and customer orientation are at the heart of our everyday business. We personally deal with the concerns of our customers and offer them solutions that are tailored to their needs. Give us a try!

DEKRA · KEMA EUR · VDE · UL · CSA · EAC · Ex · IEC · BUREAU VERITAS

Quality – made in Germany

Looking for a connection?
# You've come to the right place here!

We provide all wire connection technologies for your industrial electrical connectivity applications. We have a wide range of feed-through and protective-earth terminals, as well as functional and special terminals for the following wire termination types:

Push-In connection system PRK-FRK

Our wide range of innovative PRK and FRK terminal blocks with the Push-In connection system include feed-through terminals, PE terminals, disconnect terminals, fused terminals, multi-level terminals, installation terminals and initiator terminals, for conductor cross-sections from 0.2 mm² to 25 mm².
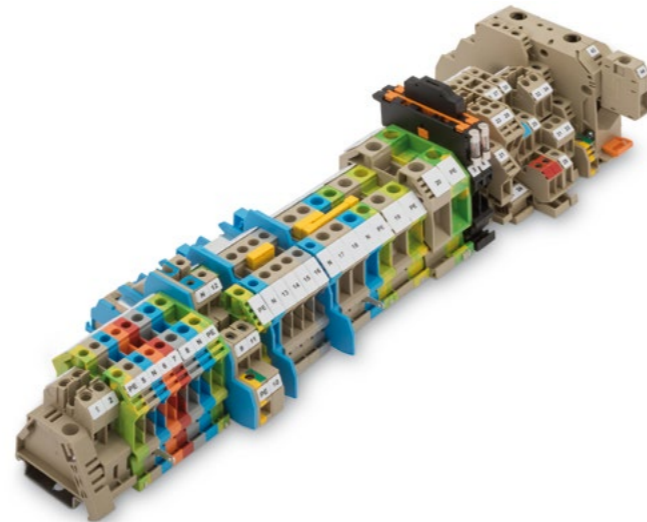**Concise product features: fast – safe – reliable**
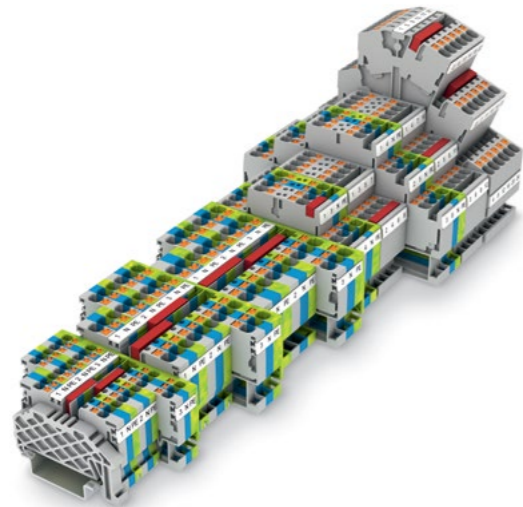
Screw connection system SRK-RK

Everything for classic wiring with screw connection systems (even for high currents): including SRK feed-through and PE terminals, and RK high-temperature variants for wire cross-sections from 0.2 mm² to 240 mm².
**The classic: proven – safe – reliable**

Tension-spring connection system ZRK

Our versatile line of terminals with tension-spring connection systems for conductor cross-sections from 0.2 mm² to 16 mm² includes: the ZRK/ZSL series of feed-through and PE terminals, the double-level ZRKD/ZSLD, the ZIKD three-level terminal blocks, motor-connection terminals, (blade-) disconnect terminals, fused terminals, direct-mount terminals, and initiator/actuator terminals for transmitting positioning, encoder and alert signals.
**Product advantages: proven – safe – reliable**
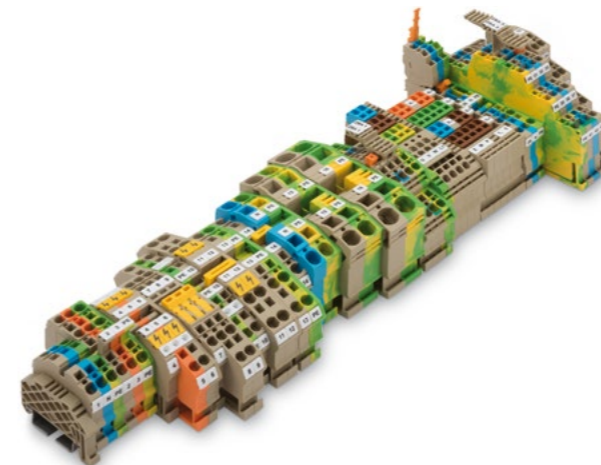
Stud connection system HSKG

The HSKG-series of stud terminals ensures safe connections for all applications transmitting energy with wire cross-sections from 1.5 mm² to 300 mm². Our hinged terminal covers provide touch protection and finger safety for all connections and applications.
Optimal usage characteristics: easy handling – reliable – safe
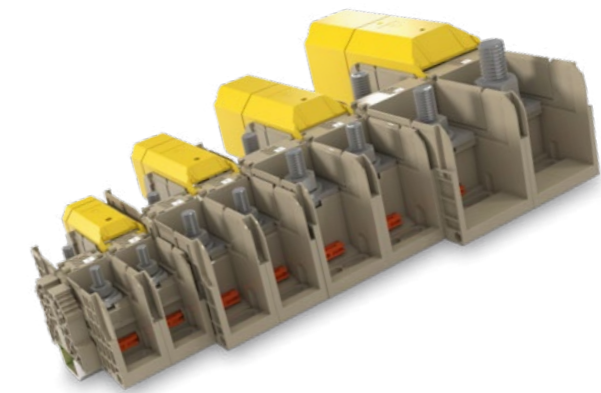
For more information about CONTA-CONNECT:

**CONTA-CONNECT | Industrial electrical connectivity**

Special terminals for specific equipment | Accessories

Feed-through terminals SDK

The SDK feed-through terminals are suitable for various applications involving device/housing technology. The coordinated system components can be combined to achieve various voltages – with a maximum voltage level of 1000 V (UL 600 V) for rated currents up to 76 A. The maximum rated voltage is achieved by using the optional partition plates, spacer plates and adapter plates, while taking into account the contamination degree 3. Cable cross-sections between 0.2 mm² and 16 mm² must be used. The feed-through terminals have a two-part construction and are for panel thicknesses of 1 mm to 4 mm. They are available in a screw-connect version or a screw/solder and screw/stud wire connection version. The latter version is designed for encapsulated device requirements and provides the optimal seal for each application.

Versatile usage: convenience – efficiency – modularity
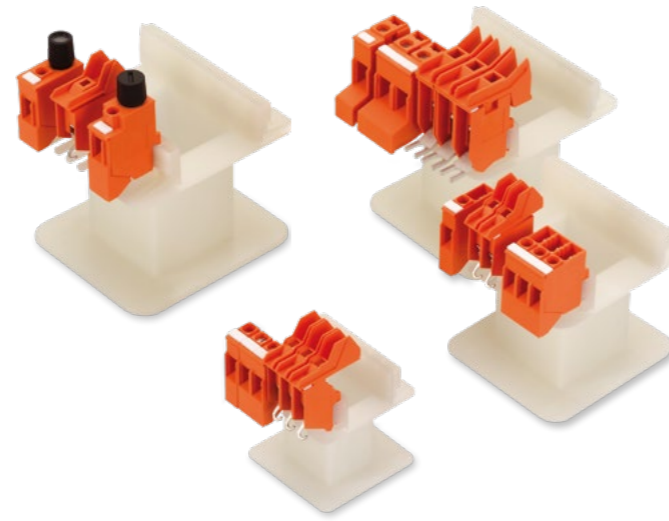
Transformer terminals TKS

The TKS transformer terminals use the proven clamping yoke connection on the output side. Their closed housing design ensures that they are protected against touch, in accordance with the German trade association regulations (BGV A3). The PA 6.6 UL 94 V-0 material that is used for the housing ensures that there is higher temperature resistance for all types of applications. The wide-opening body caps (which are attached to the terminal housings when opened) and the open-sided solder hooks on the busbar result in simplified processing and significantly reduced production times.

Proven in the real world: sturdy – vibration-proof – easy to connect
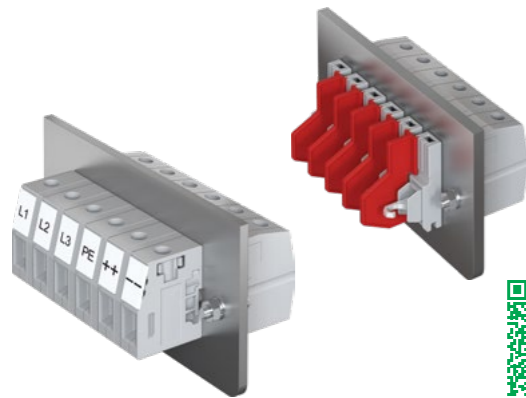
Screw-distributor blocks SVBKA | SVBA

The screw-distributor blocks in the SVBA and SVBKA series are used for distributing power within switchgear cabinets. These two product lines are suitable for both copper and aluminium wires. They can distribute power or potentials within an extremely compact space without the need for additional accessories.

The space-saving solution: compact – easy handling – safe

Installation materials and additional accessories

Our installation products include cabling ducts, assembly tools, cable glands with metric or PG threads, DIN rails, rail cutters and punching tools.

The terminal block accessories include different versions of end stops, wire-end ferrules, and connectors.

A powerful assortment: versatile products – useful additions – everything from a single source

You can find out more about our products in our online catalogue.

Do you need marking solutions?
# Then we've got the right print!

Marking components for thermal-transfer marking systems

CONTA-CLIP provides the TTPCard thermal-transfer printer and a large selection of PC, PVC and PVCF markers or labels in card format: for professional, permanent labelling of terminals, devices, conductors, cables, facilities and switchgear cabinets.
Marking made easy: versatile – fast – clear
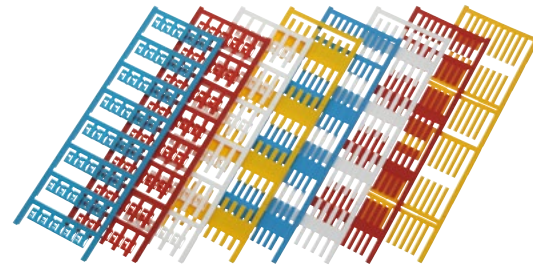
Marking components for ink-based marking systems

The CONTA-LABEL products include polyamide markers for labelling conductors, cables, devices and facilities with ink print. These markers are available in many shapes and colours: in the classic MC Maxicard format for self-printing with the EMS plotter system EMS or other ink-jet systems, or ready-to-use customized printed in the PMC Pocket-Maxicard format.
Marking made easy: versatile – fast – clear

For more information about our marking components:

Do you need anything special?
You'll find it in our wide range of products!

We deliver solutions!

Our wide variety of standard or customized housings (made of polystyrene, polycarbonate, polyester, ABS or aluminium) provides solutions for protecting electronic circuits and integrated devices or terminal blocks. On request, these housings can be custom-processed and assembled with our CONTA-CONNECT, CONTA-ELECTRONICS and CONTA-CON products.
A wide range of housings: reliable protection – proven – versatile

CG-PC Polycarbonate housing

Customized housing

CK Polystyrene housing
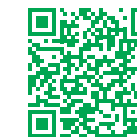
CP Polyester housing

CA Aluminium housing

CG ABS housing

For more information about our housing systems:

Clarity with less effort?
# That's what our cable management systems make possible!

KDSClick
Modular cable entry system

IP66

A revolution in cable entry systems: Fast. Safe. Easy – Turning cables inside out! The KDSClick cable entry system is a cable management solution for switchgear cabinets, housings and machines that features secure seals and strain relief for pre-assembled and non-assembled cables – with or without connectors. KDSClick saves you time and provides you with maximum versatility.
No more complexity:
fast – safe – easy

KDS-FP
Flange plates

IP66
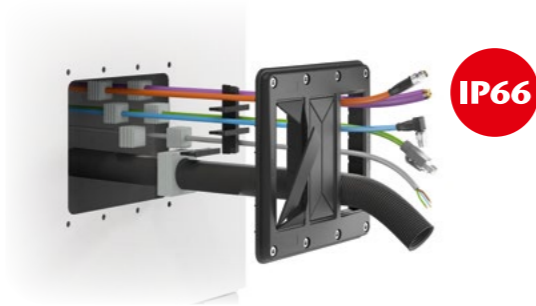
The new versatile solution for managing cables: The KDS-FP flange plate provides machine manufacturers with a very cost-effective, convenient feed-through solution. It can be used to adapt housings and switchgear cabinets to fit your updated requirements at any time, and can also considerably simplify your warehousing. You no longer have to stock switchgear cabinets or distributors with different configurations of assembled cable and cable outlets. Instead, you can uniformly prepare your products with the flange plate and then adapt them at any time to your specific cabling or tubing requirements.
A cost-effective solution:
fast – safe – versatile

KDS-FB
Cable entry system for flat cables

IP66

The KDS-FB cable entry system for flat cables provides you with outstanding versatility and saves you time while managing cables, especially for industrial trucks, crane systems and elevator applications. The "fish skin" on the seals mechanically surrounds the inserted flat cable; this ensures optimum tolerance compensation and IP66 protection.
Designed for flat cables:
fast – safe – easy

KDS-KV
**Separable cable glands**

IP66

All-round "cornered" solutions for your requirements! For metric break-outs from M20 to M63, CONTA-CLIP provides separable cable glands for cables with or without attached plugs. In case of maintenance or retrofitting with assembled cable harnesses, cables with diameters from 2 mm to 35 mm can be quickly and safely inserted into the switchgear cabinets or housings and sealed according to IP66. This separable system ensures quick and simple installation.
Advantages for the assembly:
simple – versatile – high variability

KES
Cable entries

IP66

When feeding in non-assembled cables, lines and pneumatic hoses (without connected plugs), CONTA-CLIP has a wide range of products that offer alternatives to cable glands or single-membrane feed-throughs. The KES cable entries are very flat; they enable space-saving professional cable entries with a very tight seal.
Saves space effectively: very compact and precise for maximum stability

SAB
Shielding solutions
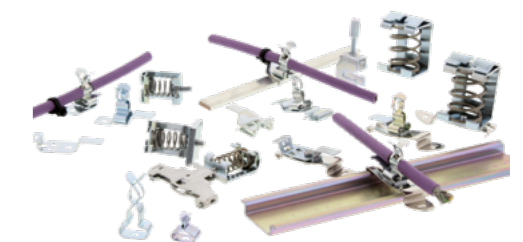
In the field of industrial process engineering, a high degree of interference immunity is required of electrical equipment. This is a critical factor affecting the availability of industrial measurement and control systems. When constructing low-interference systems, both the cable shielding and the shielded ground are very important. CONTA-CLIP's SAB/SSAB shielding systems are one of the most comprehensive product portfolios on the market. They offer a perfect solution for any application.
Always the perfect solution: the widest range of products to meet your requirements

CABLE MANAGEMENT SYSTEMS | The clever solutions

KDS **CLICK**
by CONTA-CLIP

Please also check out our Cable Management Systems micro-site:

Suitable tools available

Is everything working well?
Our solutions have made it possible!

Our CONTA-ELECTRONICS products provide active and passive components for the transfer and conversion of analogue and digital signals at the coupling level. This product line includes power supplies, multi-function timing relays, coupling relays, digital switching modules, interface modules, opto-couplers, signal converters, GSM communication modules and much more.

GSM-PRO2 communication processor

The GSM-PRO2 enables remote operation and maintenance, and is used to control and monitor decentralized facilities. It signals when the process has reached a certain status or specific limit. Digital and analogue inputs values can also be transmitted via e-mail or SMS (text message). The digital relay outputs can be switched using an SMS sent from the decentralized control room or from the service technician. Our Android and iPhone apps are available to make the monitoring and control functions even easier.
**Decentralized monitoring: the perfect communicator informs you regardless of location**

IRC interface relays

IRC relay couplers and MFR-IRC timing relays embody a new strategy for the 6.2 mm coupling relays. Our five different relay versions provide optimized use of space, simple installations, ease of use, and excellent functionality. They can be adapted for various application requirements because of the interchangeable mechanical relays and optocouplers (SSRs). Different coloured cross-connections help to simplify your installation process. Our input/output relays and plug adapters for PLC/ribbon cable connections further simplify wiring and reduce the space needed in the switchgear cabinet. For the IRC relay and the MFR timing relay, the fuse modules can be used to easily add a micro-fuse to the output circuit.
**New design ideas: space-saving – user-friendly – reliable**
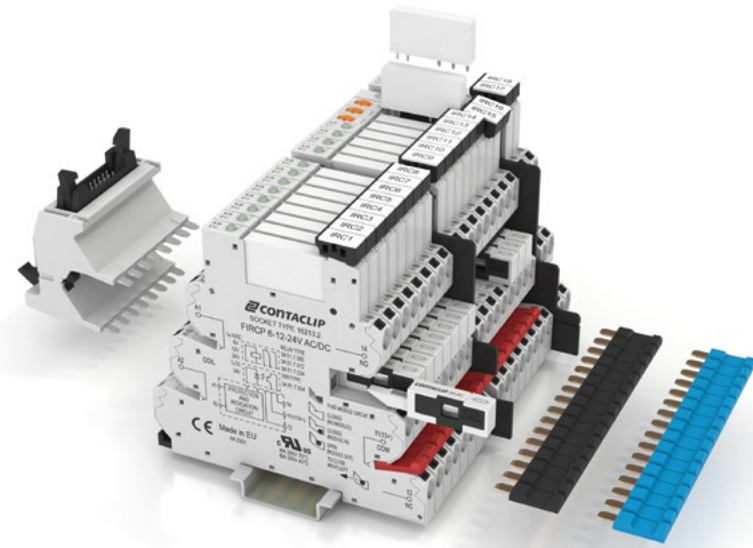
DC power supplies

The operability of the electrical controller depends on the reliability of the selected power supply. A stable and safe power and voltage supply guarantees a trouble-free production process in systems and mechanical engineering. Our product line includes many variants: including un-smoothed and smoothed transformers, unregulated and regulated mains power supplies, as well as primary clocked power supplies.
A stable power supply: safe connections and fast installation are guaranteed
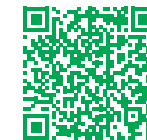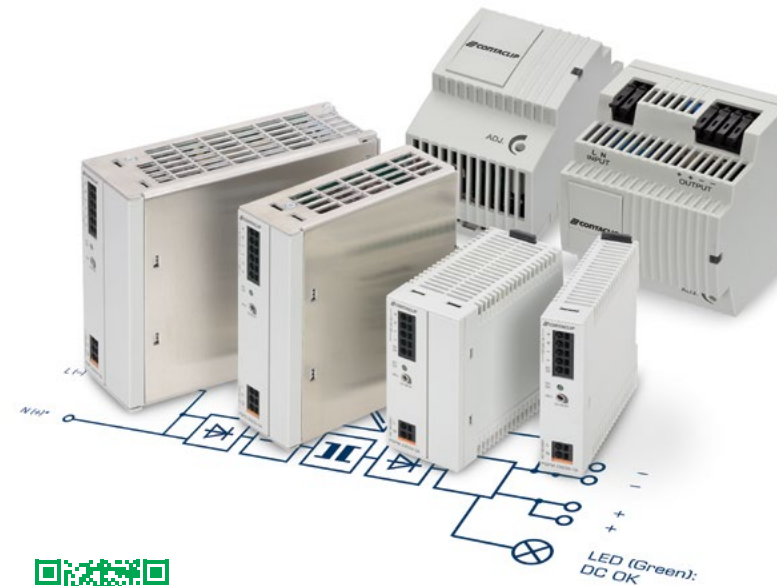
Converter units

Whether for manufacturing, electrical machine and plant instrumentation, control engineering, power distribution, building automation, or process engineering – it is always important to guarantee that the signal exchange between the peripheral devices and the upper-level central control and instrumentation systems remains operationally safe. Our product portfolio includes a wide range of different signal converters with different designs for meeting many requirements.
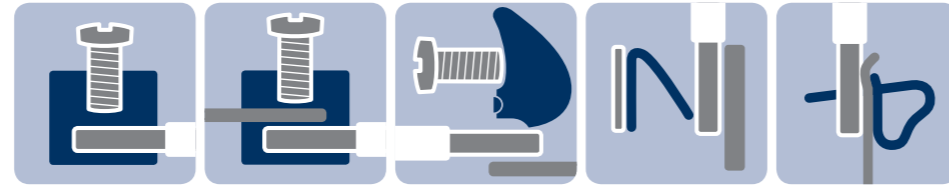**Safe signal exchange: multi-functional – compact – versatile**

You can find out more about our products in our online catalogue. Simply scan the QR code.

Do you need successful modularity?
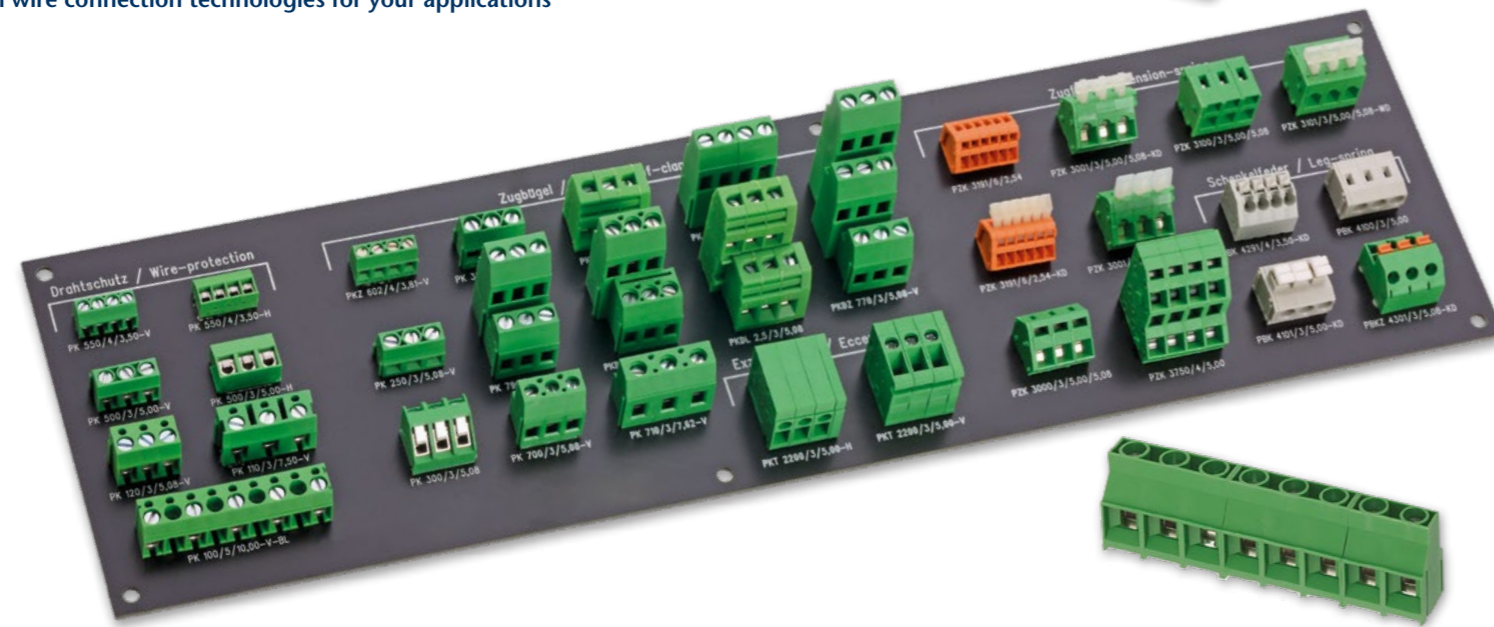# We've got a system for that!

The CONTA-CON product range includes many PCB terminals and connector systems. The modular components can be configured for any required number of poles. They are available in the wire connection types: wire protection, eccentric, clamping yoke, and (for demanding operating conditions) with tension-spring or Push-In wire terminations.

With all wire connection types!

PCB connectors

Our PCB terminals for connecting to the circuit board enable a variety of connectivity solutions that are both efficient and reasonably priced. Wire-protection, eccentric tappet or clamping yoke connection types are available. The tension-spring and Push-In wire termination methods are also available. Their technology makes them suitable for use under special conditions such as vibration, corrosive environment and extreme temperature fluctuations.
**System with modular components:**
all wire connection technologies for your applications

PCB plug-in connectors

We offer numerous connection options with our wide-ranging line of plug-in connectors. The many combination options are made possible by our diversified connector product portfolio. Advantages include outstanding ease of use, adjacent alignment and coding without loss of poles.
**System with modular components:**
all wire connection technologies for your applications
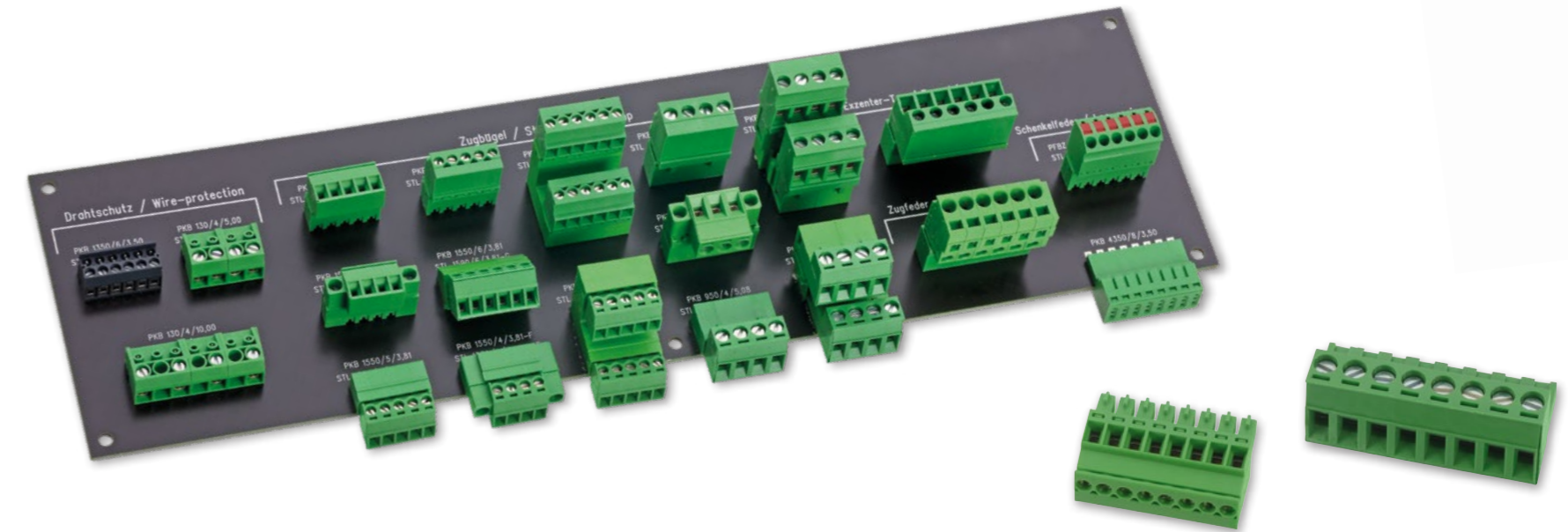
Round-the-clock service?
You can get it from us around the world!

Services and support

CONTA-CLIP is able to meet the requirements and challenges of our customers by offering a range of custom solutions, including housing preparation, terminal rail assembly and customized designs/constructions. We can prepare DIN rails and housings according to your specifications and fit these with cable glands or customer-specific products as needed. We assemble compete terminal blocks onto DIN rails. We can also label according to your requirements and assume responsibility for the component storage. Thus you only need one part number to specify a complex pre-assembled unit. We can then take responsibility for the storage of individual components and for the component list.
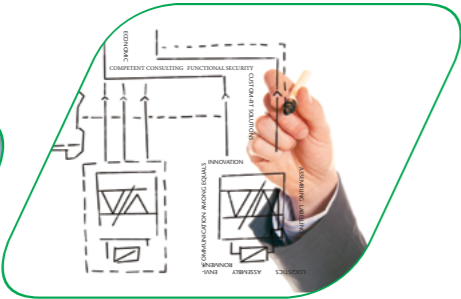
Special electronics

At CONTA-CLIP, we are well known for mass-produced functional electronics products – such as relay modules, interface units, power supplies and surge protection units. However, we also offer many customized solutions. Our experts will work together with you to develop prototypes that match your custom requirements: including design, procurement of components, production, delivery and after-sales support. We are your single-source solutions provider – from design to production, for small or large jobs, and for simple or complex functional units.

Internationally engaged for you

Are you working abroad? No problem. Our worldwide sales and distribution partners help us to be globally networked and provide on-time reliable deliveries. Simply scan the QR code shown here to find out more about the sales and service partners responsible for your country on our website.

Our locations

Africa:
Algeria
Morocco
South Africa
Tunisia

Asia:
Bahrain
China
Hong Kong
India
Israel
Japan
Jordan
Malaysia
Oman
Pakistan
Qatar
Saudi Arabia
Singapore
South Korea
Taiwan
Turkey
United Arab Emirates

Australia:
Australia
New Zealand

Europe:
Austria
Belarus
Belgium
Bosnia and Herzegovina
Bulgaria
Croatia
Czech Republic
Denmark
Finland
France
Germany
Greece
Hungary
Iceland
Ireland
Italy
Latvia
Netherlands
Norway
Poland
Portugal
Romania
Russia
Serbia
Slovakia
Slovenia
Spain
Sweden
Switzerland
Ukraine
Great Britain

North America:
Canada
Mexico
United States

South America:
Bolivia
Brazil
Chile
Ecuador

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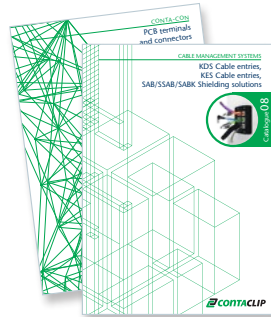
Our products for your challenges:

01 CONTA-CONNECT
**Terminal blocks
with Push-In connection system**
Cat. no. 98070.1

02 CONTA-CONNECT
**Terminal blocks with screw connection system
and special terminals**
Cat. no. 98071.1

03 CONTA-CONNECT
**Terminal blocks with tension-spring connection
system**
Cat. no. 98072.1

04 CONTA-CONNECT
**Installation materials and other accessories for
terminal blocks**
Cat. no. 98073.1

05 CONTA-LABEL
**Marking components
for thermal-transfer marking systems**
Cat. no. 98074.1

06 CONTA-LABEL
**Marking components
for ink-based marking systems**
Cat. no. 98075.1

07 CONTA-BOX
Housings
Cat. no. 98076.1

08 Cable management systems
**KDS cable entries,
KES cable entries,
SAB/SSAB/SABK shielding solutions**
Cat. no. 98077.1

09 CONTA-ELECTRONICS
Electrical and electronic cabinet components
Cat. no. 98078.1

10 CONTA-CON
PCB terminals and connectors
Cat. no. 98079.1

All products can also be found in
our ONLINE product catalogue at
www.catalog.conta-clip.com/en