

Weidmüller – Your partner in Industrial Connectivity

As experienced experts we support our customers and partners around the world with products, solutions and services in the industrial environment of power, signal and data. We are at home in their industries and markets and know the technological challenges of tomorrow. We are therefore continuously developing innovative, sustainable and useful solutions for their individual needs. Together we set standards in Industrial Connectivity.

Panel building requires innovative ideas
Klippon® Connect delivers pioneering connectivity solutions
Let's connect.

Connectivity

www.klippon-connect.com

Visit Klippon® Connect online, and experience for yourself the unparalleled advantages of our innovative range of terminal blocks and tailor-made application products for use in panel building.



Let's connect.

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Weidmüller



Connect to the future

Our innovations for your panel building operations

Panel building requires innovative ideas. Why? Because innovations involved in the process steps of this workshop activity, which traditionally is very much characterised by manual components, harbours a great deal of potential with respect to increasing productivity. Our response to this is Klippon® Connect. This latest pioneering connectivity solution crucially contributes to more productive panel building operations.

Klippon® Connect – a new pioneering solution

In 1948, one small product innovation attracted a great deal of attention: this was when the first ever plastic-insulated, rail-mounted terminal was launched on to the market. It was jointly developed by Weidmüller and industry partners. A great deal has changed in the field of connectivity since then. As a partner in Industrial Connectivity, we have significantly helped to achieve milestones for our customers time and again. Take 2004, for example, when we launched our innovative PUSH IN direct connection technology. Or 2010, when we unveiled the first marshalling terminal block with PUSH IN connection and an exclusive, application-optimised design specifically to meet the needs of process control engineering. Klippon® Connect seamlessly continues this series of innovations in 2016. Indeed, our completely restructured range of terminal blocks comes with a new family of PUSH IN terminal blocks – the A-Series – tailor-made application products and services for the entire engineering process.

Your partner in Industrial Connectivity

The days when terminal blocks were just passive elements in the panel are long gone; they are now important functional components. By combining both passive and active components, we are successfully responding to increasing functional density in automation (e.g. in the case of maxGUARD electronic load monitoring). We are creating even more added value by ensuring data consistency across all process steps. In future, this will be the basic prerequisite for implementing Industry 4.0 in panel building.

With Klippon® Connect, you are extremely well-prepared to face future challenges. But, as a partner in Industrial Connectivity, it's about far more than just that for us. We're making connections with our customers. The best example of this is the fact that we align our solutions to the potential for optimisation throughout the entire panel building process. Experience for yourself the increase in productivity you can achieve with Klippon® Connect.



Simply worth more Strong at all stages

Your panel building processes have to be fast and efficient. That's the only way you can become more productive. Connectivity plays a decisive role in this regard, as the effort required for wiring is a considerable time factor. From digital planning through to maintenance and inspection during ongoing operation, our latest Klippon® Connect innovations help to make your processes simpler and more flexible.



Planning

Whether you're dealing with design or the ordering process, you'll get everything you need from us to make your planning processes as efficient as possible – such as the Weidmüller Configurator. This software solution helps you set up your configurations – from intelligent item data to the finished panel.



Installation

How efficient your manufacturing process is, very much depends on your wiring investments. This is precisely where our PUSH IN connection technology comes into play. Thanks to its intuitive and extremely simple operation, the installation process is made noticeably faster. Our clear product design also offers the perfect conditions for automating your panel production operations.



Operation

Safe and time-saving maintenance work plays a key role in the operation phase. Standardised measuring points make for much faster work processes in this regard. In addition, our integrated marking system means you can rest assured that your industrial labels will be professional and standardised.

Embark on a journey of discovery:

You will find more about the advantages that Klippon® Connect offers in planning, installation and operation at:

www.klippon-connect.com/en/terminal-blocks/process-phases-panel-building

Up to 75% time saved in planning

- Faster planning with the Weidmüller Configurator
- Error-free configuration thanks to compatibility checks on products and accessories
- High level of transparency throughout the entire process thanks to linked data models
- Convenient creation of product documentation

High wiring density with maximum ease of installation

- Noticeably faster wiring with PUSH IN technology
- All product functions can be clearly distinguished
- Flexible potential distribution thanks to a wide range of cross-connection options
- Faster marking thanks to endless marker strip and large marking surfaces

Planning

Installation

Klippon® Connect

Operation

Sustainably higher availability during operation

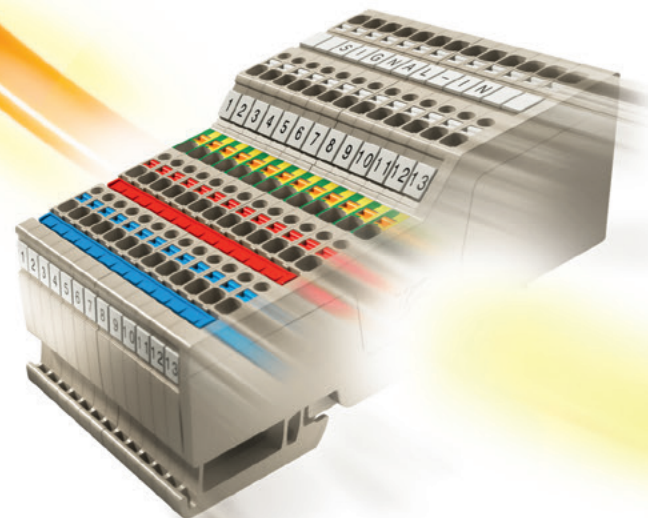
- Simpler testing procedure thanks to integrated test point
- Rewiring possible during operation without the need for any special tools thanks to PUSH IN technology and accessories
- Gas-tight connections for interference-free operation
- Flexible, simple modification and extension



The perfect fit for you

Tailor-made solutions for recurring applications

Whether it's control voltage distribution or signal wiring – there are requirements in panel building that are an integral part of almost any area of use. We've closely examined them to make your work easier for you. The result of our efforts is our new, innovative Klippon® Connect application product range. For you, this translates into time, space and cost savings in each individual process step – for clear productivity gains and a high level of value creation in your panel production operations.

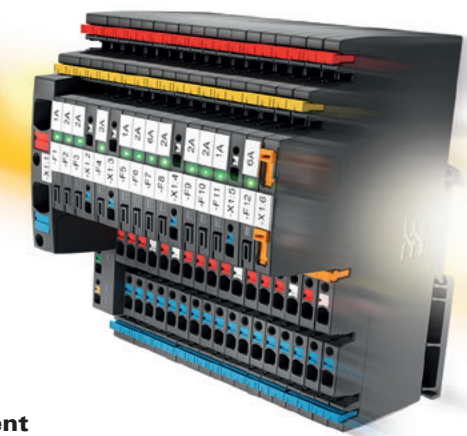


Setting signals in the panel

Our initiator-actuator terminal blocks are a real highlight of our application range. They have been specifically designed to meet the requirements that increasing automation places on signal wiring. The solution is particularly compact and allows you to clearly wire initiator and actuator signals with the input and output modules of a programmable logic controller (PLC).

Safely supply equipment

With our application solution comprising tailor-made AAP potential distribution terminal blocks and the maxGUARD modular concept with integrated electronic load monitoring, we're offering you the ideal solution for surge current protection and structured voltage distribution within the context of control circuits. You can thus easily and effectively guarantee supply to your panel equipment – while simultaneously benefiting from huge space savings and reduced wiring.



Embark on a journey of discovery:
Experience our innovations for the specific application fields in the panel at:

www.klippon-connect.com/en/terminal-blocks/applications

Flexibility down to the smallest detail

Highlights for greater productivity

From the PUSH IN technology to the integrated test point – our latest Klippon® Connect innovations meet every requirement with a uniform standard. And that's no matter whether you opt for our tailor-made application products or the new PUSH IN terminal blocks from our universal range.

Extra efficiency in planning, installation and operation

The increasingly complex processes in panel production require innovative connectivity. With their compact dimensions and simple handling, our new A-Series PUSH IN terminal blocks make for more efficient processes from the planning stage

onwards. The spring-loaded mounting foot means that the terminal blocks can be easily latched on to the terminal rail by hand. The integrated cross-connection channels guarantee extra flexibility and time savings. And, even when it comes to connection times, thanks to PUSH IN you can work up to 50 percent faster compared with using a tension clamp connection. This is especially true when you're working with solid conductors and conductors with crimped-on wire-end ferrules. The coloured pushers – which clearly stand out from the contact points – aim to prevent incorrect wiring, even when you're dealing with high connection density.

During operation, it's ultimately a combination of the standardised integrated test point for convenient maintenance work and integrated identification using optimised MultiMark marker strips that pays off.

Turn time into your success factor

Klippon® Connect speeds up your processes. Thanks to sophisticated product features, you'll create measurable added value for your panel project in just a few simple steps.

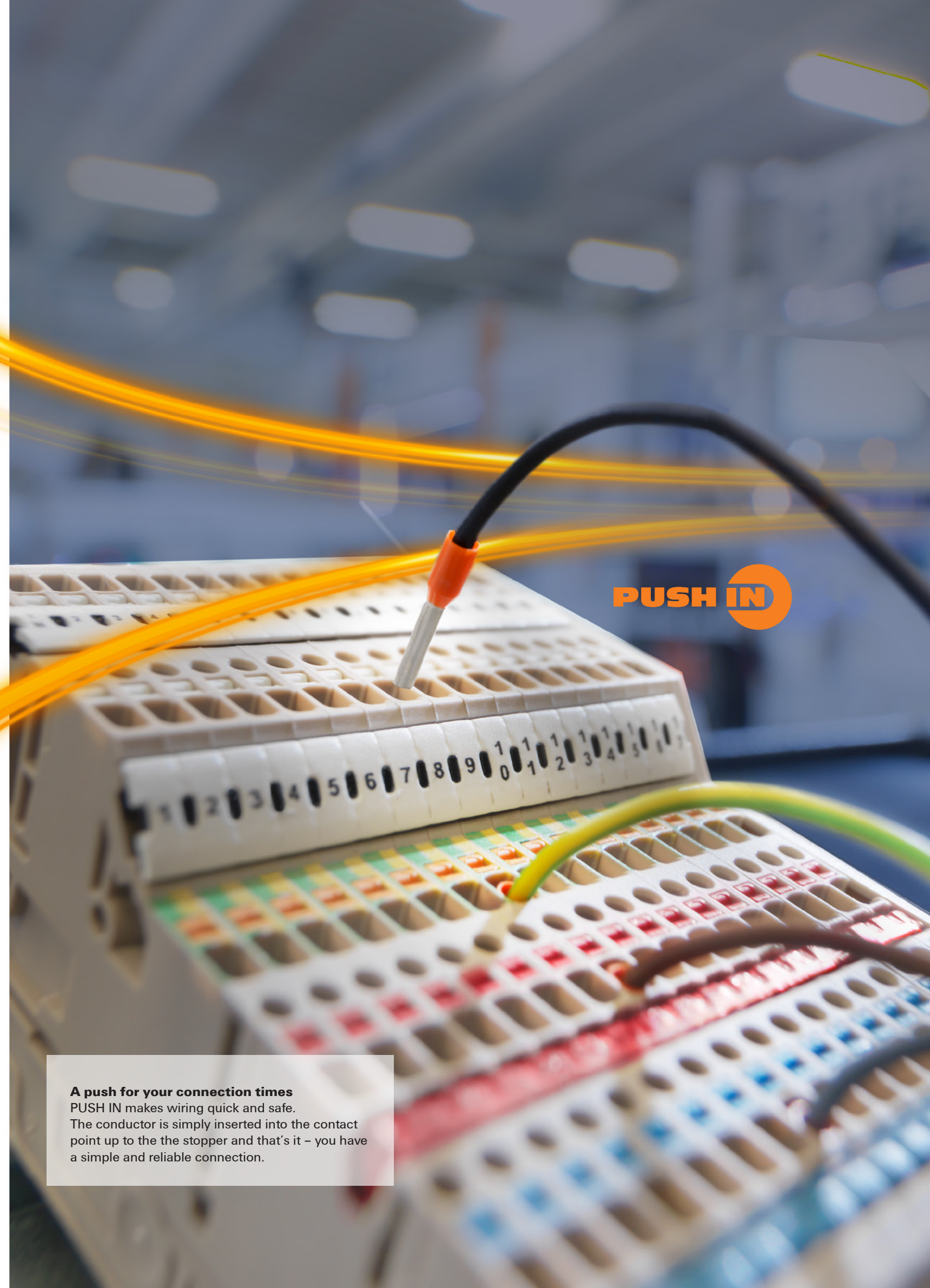
Embark on a journey of discovery:

You will find all the details about the Klippon® Connect highlights at:

www.klippon-connect.com/en/terminal-blocks/highlights-push-in

A push for your connection times

PUSH IN makes wiring quick and safe. The conductor is simply inserted into the contact point up to the the stopper and that's it – you have a simple and reliable connection.





From intelligent item data to the finished panel

We provide support for your project with individual services

Offering you innovative solutions for connectivity is just one part of our philosophy. The other part involves being on hand to provide you with perfect support during your processes. With our comprehensive range of software and services, we ensure that you generate maximum added value with Klippon® Connect.

A fast track for planning processes
With the Weidmüller Configurator, you make your panel planning operations up to 70 percent faster – and also increase your productivity throughout the entire panel building process. All the product data information for digital planning can be easily integrated into the common engineering tools. So you benefit from maximum data transparency and availability along the entire process chain, which is a basic prerequisite for networked production within the meaning of Industry 4.0.

You will find all the information relating to software and download options at:

www.weidmueller.com/configurator

Tailor-made solutions
We believe that custom work is the perfect interplay of products and services. We therefore guarantee you the very best quality and customer satisfaction, even with our individual terminal strips. From ready-specified strips, over simple configurations with a short delivery time, to complex solutions with a high engineering requirement, we respond flexibly to your needs. Simply talk to our sales staff, so that, together, we can head off in the right direction for your project.

Product and service – perfectly coordinated
However your product is designed, you can rest assured in the finish up that you're using the best solution. Simply tell us what you'd like, and we'll turn your requests into a reality.

www.weidmueller.com/service

