

**Weidmüller receives the German Innovation Award 2022 for its innovative SNAP IN connection technology. – SNAP IN connection technology: As fast as a SNAP of your finger. – SNAP IN connection technology is being used in more and more product families. These include: Klippon® Connect terminal blocks, RockStar® heavy-duty connectors and OMNIMATE® 4.0 connectors. – SNAP IN connection technology speeds up the wiring process and raises it to an entirely new level.**

The new SNAP IN connection technology allows users to speed up the wiring process significantly. Installation and maintenance work are finished with a snap of your finger.

SNAP IN won over the German Design Council completely, with the independent jury subsequently awarding Weidmüller the **German Innovation Award 2022** for its innovative SNAP IN connection technology. The German Innovation Award honours products and solutions from all sectors that set themselves apart from previous solutions above all thanks to their user-friendliness and added value. The German Innovation Award is the prize that brings innovations to light.

Weidmüller is integrating the innovative SNAP IN wire connection into an increasing number of products. These include: Klippon® Connect terminal blocks, RockStar® heavy-duty connectors and OMNIMATE® 4.0 connectors. Products with SNAP IN connection technology speed up wiring processes and raise them to an entirely new level.

With SNAP IN connection technology, installation and maintenance work are finished with a snap of your finger. The principle behind the new connection system is just as simple as its handling. The connection system in the products – Klippon® Connect terminal blocks, RockStar® heavy-duty connectors, OMNIMATE® 4.0 connectors – is supplied with a pre-tensioned spring that allows the easy and secure insertion of the stripped conductor into the clamping point with no further preparation. The conductor to be connected

contacts the clamping point with a clearly audible “click”. And it’s just as fast the other way round. The conductor can be quickly and easily disconnected and the clamping point pre-tensioned by pressing the pusher or lever.

The pre-tensioned clamping point enables the direct and tool-free plugging of rigid and flexible conductors with and without wire-end ferrules. Only a low plugging force is required for this. The clamping point is reliably triggered once the conductor is inserted correctly and deeply enough into the contact point. The reliable contacting of the conductor guarantees that the wire connection is protected against vibration, gas-tight and stable for the long-term. In addition to the audible “click”, the pusher is elevated to indicate the secure connection.

#### Overview of products with SNAP IN connection technology

Klippon® Connect terminal blocks: Weidmüller has now extended its comprehensive Klippon® Connect terminal block range with the new AS-Series with fast, simple and secure SNAP IN connection technology. Klippon® Connect terminal blocks with SNAP IN connection technology revolutionise panel wiring thanks to its intuitive and simple handling. The pre-tensioned clamping point enables the direct and tool-free plugging of rigid and flexible conductors with and without wire-end ferrules. Reducing the effort required for conductor preparation speeds up the wiring time, resulting in an efficient installation process. The open clamping point used in the “ready-to-wire” AS-Series also allows for robot-supported, direct wiring.

When developing the AS-Series, Weidmüller focused on a conductor cross-section range of  $\leq 2.5 \text{ mm}^2$ . The highest number of connections are in this range, allowing full utilisation of the advantages of the SNAP IN technology in wiring.

The AS-Series currently includes: feed-through and PE terminal blocks with two, three and four clamping points. Interested parties can order a free sample from the Weidmüller homepage via the 72-hour service.

OMNIMATE® 4.0: Is a configurable connector series which can be used to create power, signal and hybrid connectors.

Used with OMNIMATE® 4.0 signal connectors, the innovative SNAP IN connection system enables safe wiring in record time.

Weidmüller offers interested parties who wish to see the innovative OMNIMATE® 4.0 product family for themselves the option of ordering a reference product as a free sample via the 72-hour service.

RockStar® heavy-duty connectors: Heavy-duty connectors from the RockStar® series are an integral part of machinery and plant engineering as well as the railway and wind industries. The innovative SNAP IN connection system is used in HDC-HE inserts of the RockStar® series. With these HDC-HE inserts, wiring can be carried out more reliably, quickly, flexibly and easily, considerably speeding up installation and maintenance work.

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Hashtags: SNAP IN connection system | Klippon® Connect terminal blocks | RockStar® heavy-duty connectors | OMNIMATE® 4.0 connectors | Industrial Connectivity | Connection systems | Robot-assisted wiring | German Innovation Award 2022

SEO terms: Klippon® Connect terminal blocks | SNAP IN connection system | RockStar® heavy-duty connectors | OMNIMATE® 4.0 connectors | German Innovation Award 2022



Image 1: Sybille Hilker, Executive Vice President Global Marketing & Corporate Communication at Weidmüller, and Dr Sebastian Durst, Executive Vice President Cabinet Products Division at Weidmüller, received the German Innovation Award at the award ceremony in Berlin.

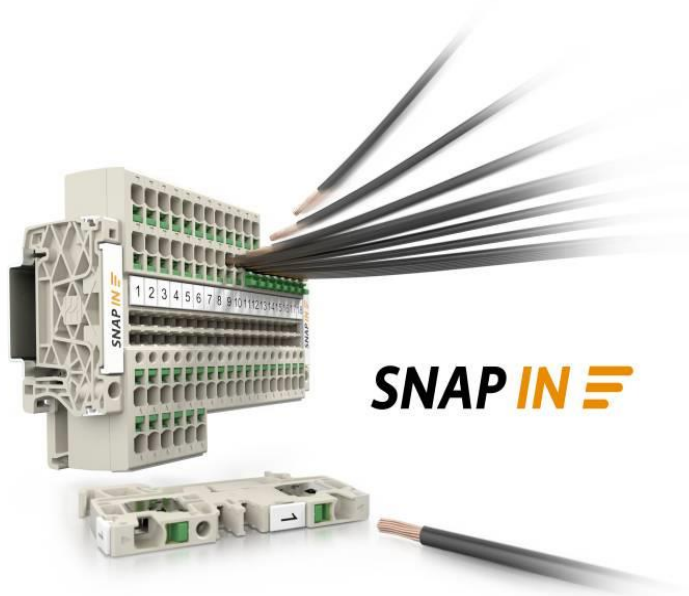


Figure 2: Klippon® Connect terminal blocks with SNAP IN technology

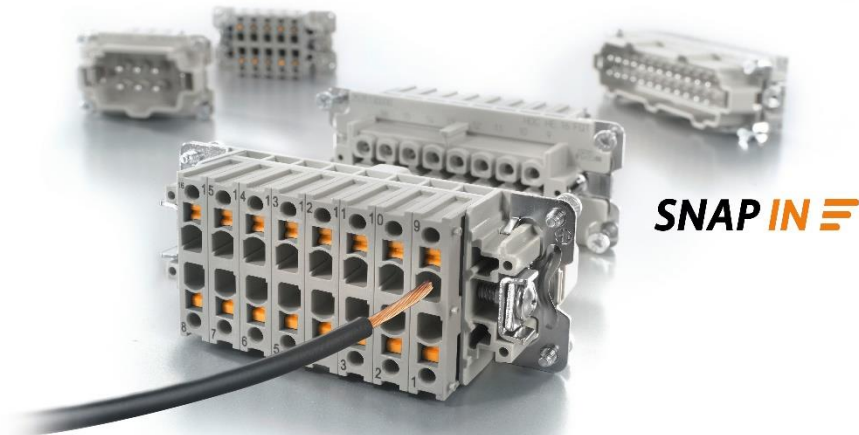


Figure 3: RockStar® heavy-duty connectors with SNAP IN technology

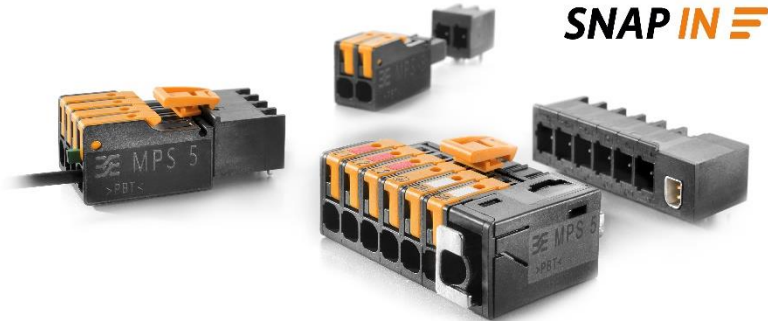


Figure 4: OMNIMATE® 4.0 connectors with SNAP IN technology

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**Weidmüller – your partner in industrial connectivity.**

The Weidmüller Group has production facilities, marketing companies and representative offices in more than 80 countries. Together with our customers, we shape the digital transformation – with products, solutions and services for Smart Industrial Connectivity and the Industrial Internet of Things. In the fiscal year of 2021, Weidmüller reached sales of 960 million euros with around 5,300 employees.

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