

Heavy-duty connectors Catalogue 2017/2018

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RockStar® – connectivity



Weidmüller 

Make your connections fit for the future

With the advanced solutions from RockStar® ModuPlug

Industrial applications are becoming increasingly complex. The demands being made of the connectivity used are growing at the same time. Functionality in the smallest of installation spaces, safe installation and a fast retrofitting process are just some of the product properties being called for.

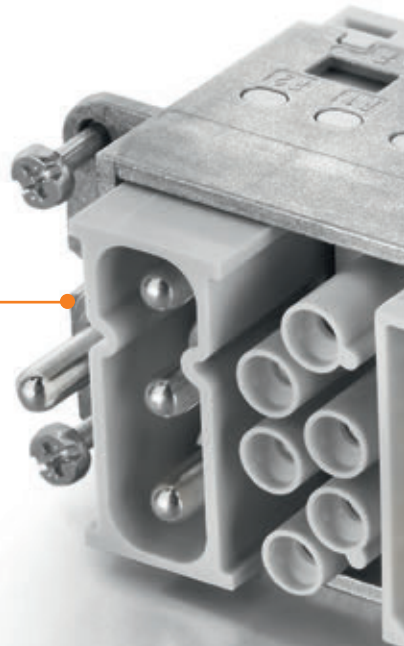
Not only does our RockStar® ModuPlug modular plug-in connector system meet current market requirements; it has been specially designed with the future in mind too.

Using the individual modules, you combine all the necessary functions for power, signal and data transmission in a single interface. Thanks to the new variety of module sizes, you can fit more applications than ever before in one plug-in connector. The modules reduce the amount of space required and cut costs when compared with fixed-pole inserts and other modular plug-in connector systems. The sophisticated frames and modules can be installed with extreme ease and integrated into HDC enclosures with the IP65 and IP68 protection classes. You can even use the RockStar® ModuPlug to supplement existing applications without any need to make system adjustments.

As an experienced Industrial Connectivity partner, Weidmüller offers ultra-modern connectivity with maximum reliability. So you can create customised solutions for future-proof connections with RockStar® too.

Simple

The innovative sliding frame has two defined locking positions for opening and closing – thus enabling simple, tool-free module installation.

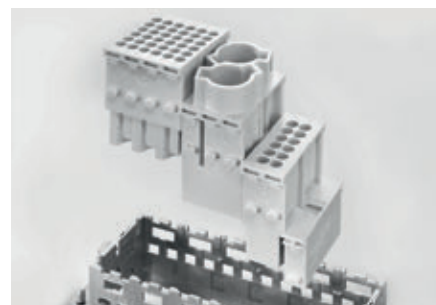


Secure

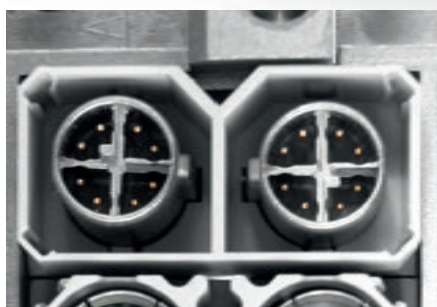
The round and rectangular coding on the frame enables intuitive module plug-in. The two-point fixation prevents incorrect connection and keeps the modules tilt and vibration-resistant.

**Flexible**

The four module sizes make for individual plug solutions that save a huge amount of space. The smaller pitch translates into an optimised design too.

**Compact**

The new two-pole bus module is particularly compact and can accommodate megabit and gigabit data inserts. It enables the transmission of two Gigabit Cat 6A (10Gbit) cables in one module.



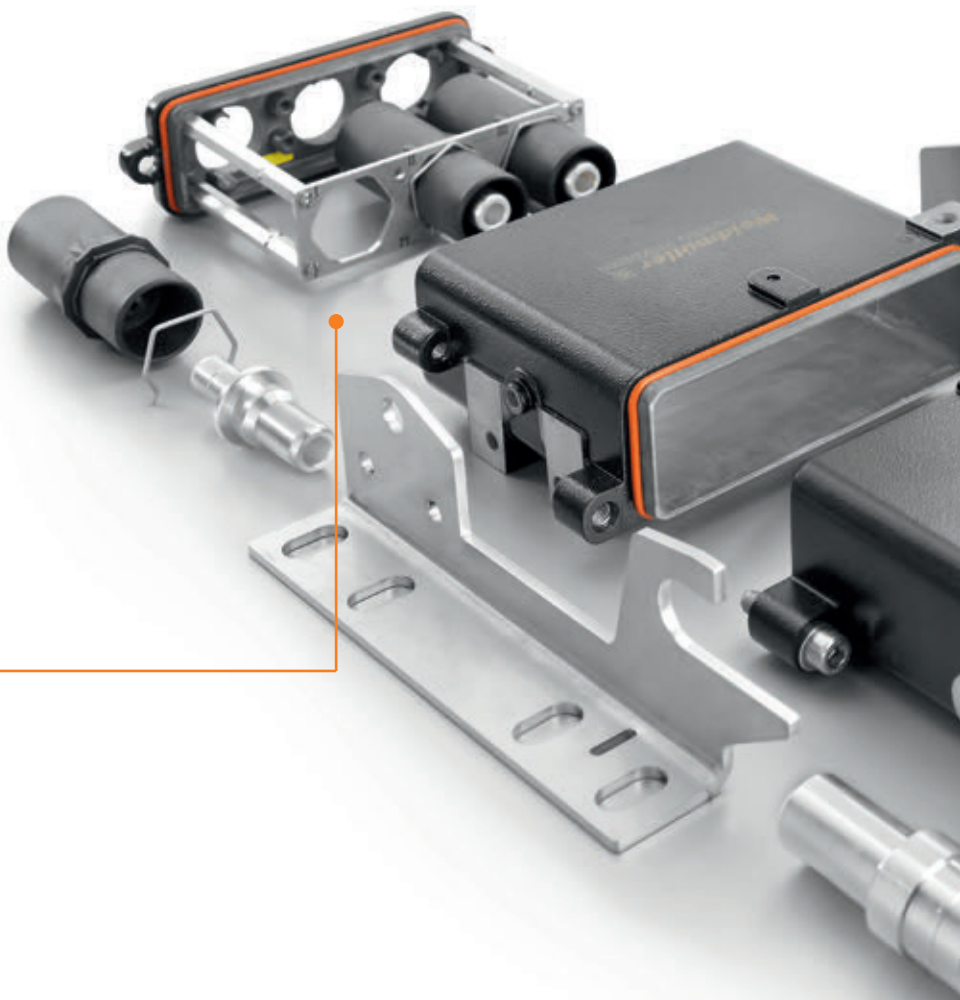
RockStar® HighPower

Uncompromising power – in clever and safe packaging. The RockStar® HighPower modular high-current connector system has been custom designed for the high demands of traffic engineering applications. The system also meets the requirements of the wind power industry. The modular set-up consists of one-piece crimp contacts, insulating sleeves, insert-holder frames and a robust multi-part die-cast aluminium enclosure in IP68, as well as cross-connection options.

This modular design offers clear advantages for handling: It is possible to wire crimped lines with large cross-sections and to see this process through to the final step. The wiring can be achieved using standard cable glands.

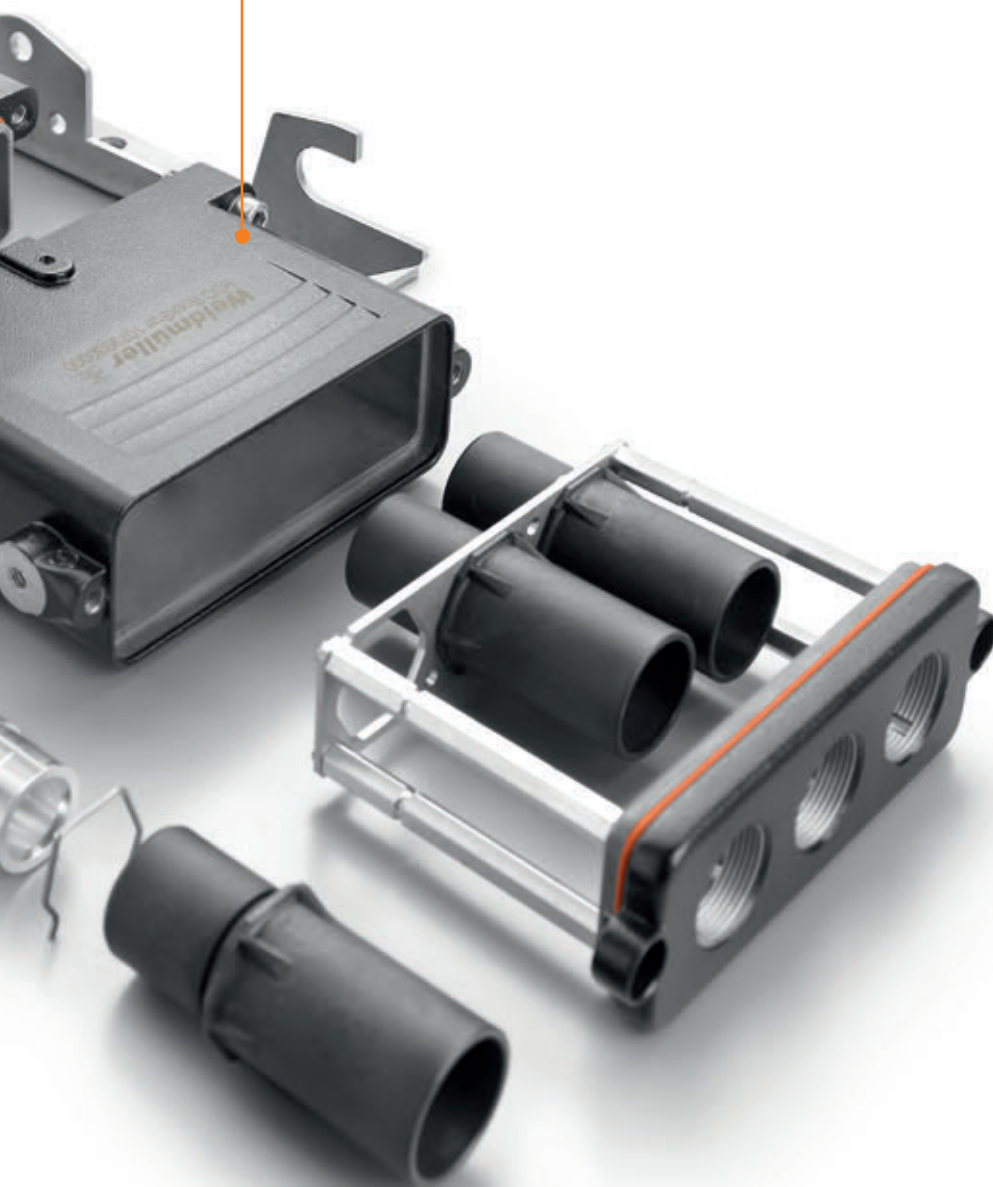
Safe

Tried-and-tested, low-maintenance crimp-connection technology with stranded, finely stranded and very finely stranded flexible copper conductors measuring up to 240 mm² with standardised tools



Practical and universal

A multitude of potential applications have been made pluggable for the first time ever – simply by integrating cross-connections.

**Perfectly optimised shielding**

Along with the 360° contact, the shielding connection integrated in the enclosure is the cutting edge of what is technically feasible at present.



RockStar® inserts

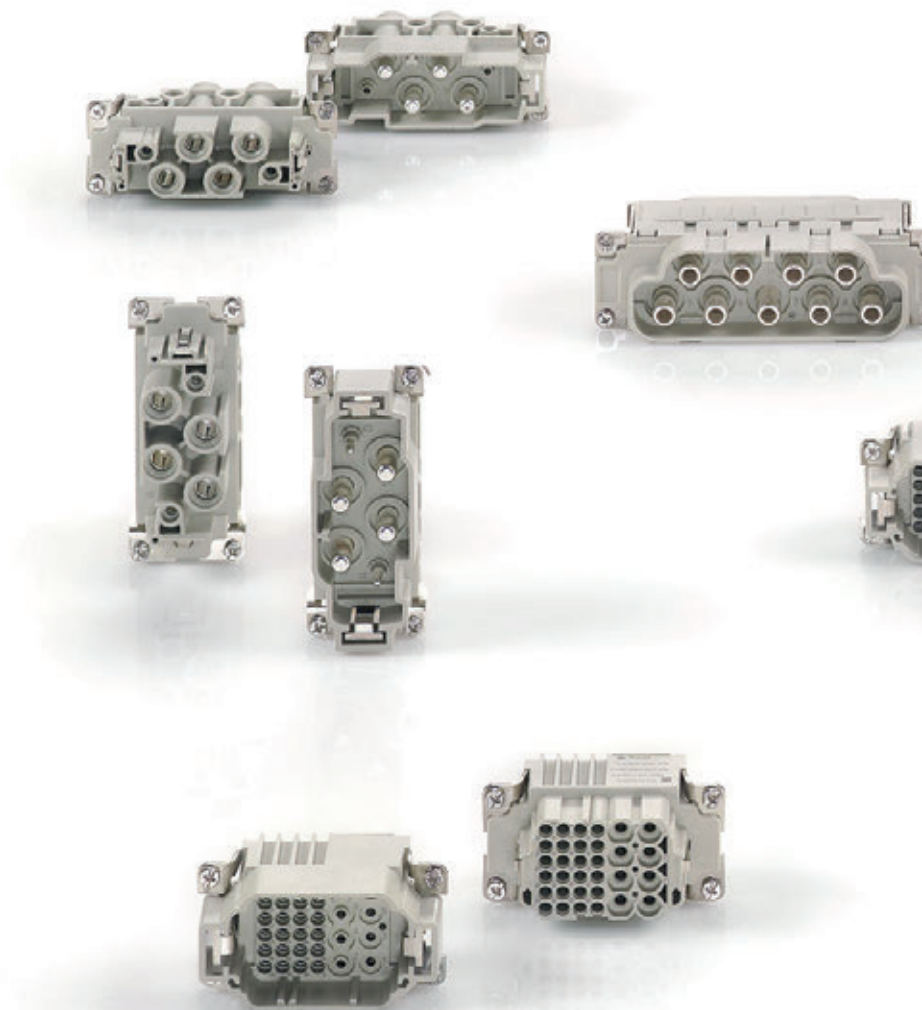
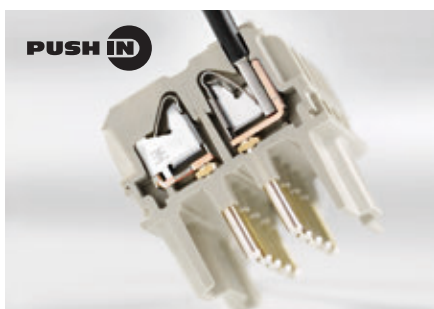
You can use Weidmüller's RockStar® products for a wide variety of industrial applications. This gives you access to the widest range of products available on the market for your cabling systems. The connector insert, or contact insert, forms the heart of a heavy-duty connector – and Weidmüller offers them in many different variants.

RockStar® inserts are fixed-pole inserts which consist of an insulating body and contact elements. The application-based design of a contact insert is determined by the electrical characteristics, mechanical specifications and the material used to make the insert.

The RockStar® inserts are made from glass-fibre-reinforced polycarbonate. This material is distinguished by its low water absorption and the high levels of dimensional stability made possible by the added glass fibres. So our rugged RockStar® inserts are the ideal choice for solutions of up to 216 poles and a maximum of 110 A / 1,000 V.

Simple

A quick and safe wire connection using the PUSH IN connection. Easy wiring and maintenance - with no tools!



Consistency

One plastic material – with all approvals. This expands your range of choices. It also helps you to have simple documentation and reliable planning processes.

**Suitable**

Always according to your needs: including a space-saving combination of power and signals in one connector.

