

New Busbar System Rittal Ri4Power 185mm for Safe and Quick Switchgear

Protecting people who work with electrical switchgear is clearly of paramount importance.

Their guaranteed safety can often only be achieved through the use of tested and standardised products and equipment. But switchgear components must also be tailored to individual needs and be simple and quick to make and assemble.

Rittal addresses all these considerations within its busbar system “Ri4Power 185mm” and its new (Version 6.3) of the Rittal Power Engineering software.

Energy distribution in industrial plants and buildings often depends on the subsequent use of the power supply, which means distribution is typically individually configured within different outlet circuits - although users can still expand or convert their energy supplies at a later date if required.

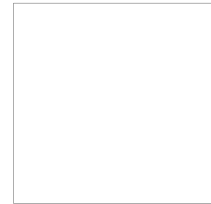
It goes without saying that energy distribution must always be safe and comply with the statutory requirements, all of which is integral to the new “Ri4Power 185mm” busbar system.

This clever modular system consists of standardised and tested products which all meet the requirements of IEC 61 439 for low-voltage switchgear assemblies with design verification. Its smart design is a notable strong point. It is easy to assemble with a modular configuration and ideally adapted to the Rittal TS 8 bayed enclosure. In addition, the contact hazard protection of the busbar system, which protects the user from touching electrically live parts, is mounted before the switching and protective devices are attached. This uses standardised products, meaning individual and laborious preparation of cover plates is no longer necessary – helping to save both the installer and user both time and money.

Configuring moulded-case circuit-breakers with adaptors or NH fused-switch disconnectors is simple; the devices are used in the frame of the cover and they contact the busbars through the cover. Subsequent retrofitting or extension is also possible without having to adjust the contact hazard protection later on.

To help support both planning and configuration, Rittal Power Engineering has been extended to include another program module for the “Ri4Power 185mm” within its latest version (6.3). The enclosure panels are selected according to user requirements and fitted out as required. The parts lists and drawings are automatically generated in the background, allowing a clear picture of the final construction as early as at the quotation phase. After the configuration phase is complete, the necessary design verification can be automatically generated for each switchgear unit.

Further information about Rittal can be found at www.rittal.co.uk and www.friedhelm-loh-group.com or on twitter @rittal_ltd.



Image

Rittal Ri4Power Busbar System

Notes

Rittal, headquartered in Herborn, Hessen, Germany, is a leading global provider of solutions for industrial enclosures, power distribution, climate control and IT infrastructure, as well as software and services.

Systems made by Rittal are deployed across a variety of industrial and IT applications, including vertical sectors such as the transport industry, power generation, mechanical and plant engineering, IT and telecommunications.

Rittal is active worldwide with 10,000 employees and 58 subsidiaries.

Its broad product range includes infrastructure solutions for modular and energy-efficient data centres with innovative concepts for the security of physical data and systems.

Leading software providers Eplan and Cideon complement the value chain, providing interdisciplinary engineering solutions, while Kiesling Maschinen-technik offers automation systems for switchgear construction.

Founded in Herborn in 1961 and still run by its owner, Rittal is the largest company in the Friedhelm Loh Group.

The Friedhelm Loh Group operates worldwide with 18 production sites and 78 international subsidiaries. The entire group employs more than 11,500 people and generated revenues of around €2.2 billion in 2014. For the seventh time in succession, the family business has won the accolade "Top German Employer" in 2015.

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