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## **Another Bright Idea from Rittal**

**Rittal is launching a new generation of lights designed specifically for enclosures. The range sets new standards for energy and high performance using LED technology which will deliver up to 1,200 lumens, and for easy installation, there are simple connection and mounting options.**

Lighting is an area that is often neglected in the design of enclosures and yet it plays a vital role in helping with installation and maintenance. The ability to easily identify different wire colours, for example, is clearly vital for both.

“Working within an enclosure is far simpler if the space is illuminated with our state-of-the-art lighting technology,” says Paul Metcalfe, Rittal’s Product Manager for Enclosures.

“High-performance lighting also helps to avoid errors during installation, maintenance or repair work, and avoid expensive delays. Added to which, the simple mounting of the lights saves valuable workshop time.”

### **Targeted illumination**

Two models of the new enclosure lights are being launched with luminous fluxes of 900 and 1200 lumens.

They use LEDs which provide outstanding energy efficiency and have a much longer lifetime than other light sources. Their transparent plastic lens with integrated Fresnel lenses focus the light in such a way that the entire enclosure is illuminated, even down at the bottom. It means the light can be targeted towards areas where it is needed – without being scattered into the exterior.

If required, the system can also daisy-chain up to 15 lights from a single power source.

### **Rapid installation and simple mounting**

There are a range of options for turning the lights on and off - by an integrated switch, a door switch or a motion detector. Each light is also equipped with a socket.

The connections have been designed to simplify assembly work and allow rapid installation. For example, the lights can be attached using pre-assembled cables with connectors. The lamp connection can also be swivelled through 90 degrees, allowing a cable to be easily fitted even in enclosures which are just 600 mm wide.

### **Integrates perfectly in enclosures all over the world**

The new enclosure lights fit perfectly into the Rittal TS 8 baying enclosure system and can be installed without any loss of space. They can be mounted by just one individual without the need for any additional help and each model has three mounting options: a magnetic retainer, a clip fastener in the TS 8 section or by screw fastening.

The lights can be used across the world thanks to their wide-range voltage input, which will be of considerable benefit to controllers, switchgear manufacturers and mechanical engineers who work across international markets. There is no need to change electrical planning or the parts list and the lights all come with the appropriate internationally important approvals (e.g. from the UL, for the US market).

Purchasing and assembly is also simple with easy ordering and storage processes as well as options within the range to suit every need and requirement.

Further information at [www.rittal.co.uk](http://www.rittal.co.uk) and [www.friedhelm-loh-group.com](http://www.friedhelm-loh-group.com) or on twitter @rittal\_ltd.

### **Press Information:**

Richard Andrews,  
Marketing Services Manager,  
Email: [information@rittal.co.uk](mailto:information@rittal.co.uk)

### **Image**

Picture shows: Rittal LED Lights

### **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 Rittal Automation Systems 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.

