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Rittal Publishes UL Regulations Advice

Rittal embraces the need for a high degree of responsibility for the safety of users and the electrical equipment its enclosures are designed to protect. As such the company has a policy of always being on the front foot when it comes to fully complying with international regulations.

In the USA and Canada, for example, a machine cannot be commissioned until approved by the AHJ (Authority Having Jurisdiction) to confirm compliance with the valid regulations, such as the National Electric Code NEC (NFPA 70).

The importance of UL regulations cannot be understated for any company exporting electrical equipment into these territories.

UL regulations relate to the protection that enclosures must provide to the internal electronic components. This includes environmental factors such as dirt, dust, humidity and electromagnetic interference. Control gear and switchgear manufacturers should always take care to ensure that these safety standards are met for any components they are shipping to the USA or Canada.

For enclosure manufacturers such as Rittal, compliance with UL 508A is an important basis for the swift commissioning and approval of equipment and machinery, and the company offers a broad spectrum of industrial enclosures with UL approval. Most have UL approval with a Type 12 protection category (NEMA12); some enclosures with enhanced sealing protection even support Type 4x applications.

Rittal has recently published advice and support for engineers who are designing or specifying systems in line with UL508A, covering all the expectations and requirements for compliance. Details are available to download from www.rittal.com/uk-en/content/en/unternehmen/presse/pressemitteilungen/pressemitteilung_detail_55232.jsp.

Further information at www.rittal.co.uk and www.friedhelm-loh-group.com or on twitter @rittal_ltd.

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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"

Further information can be found at www.rittal.com and www.friedhelm-loh-group.com.