Emax2 circuit breakers now UL certified

New low voltage power circuit breakers now certified for US safety standards

Hanover, April 13, 2015 – The low voltage air circuit breaker Emax2 is now certified for the ANSI C37 standards under UL 1066. Emax2 is the world’s first low voltage circuit breaker with integrated power management that results in increased efficiency for industrial and commercial installations as well as data centers and ships.

The UL 1066 certification enables customers to use the Emax2 in UL 1558 switchgear, UL 891 switchboards and CSA C22.2 no. 31 switchgear assemblies. Emax2 earned its UL Listing Mark via rigorous examination and testing by the Underwriting Laboratory (UL), an American based safety science company. UL is the preferred safety certification organization for compliance with U.S. safety standards.

Giampiero Frisio, Managing Director of ABB’s Breakers and Switches business, said: “The Emax2 power circuit breakers for UL 1066 is available for up to 6,000 A and is designed to integrate directly into all types of switchgear, automation and energy management systems. With its exclusive Power Controller function, the Emax2 monitors power as it flows through the circuit breaker and manages loads to keep total power use below the preset limit, resulting in up to 20% in cost savings. Intelligent products like the Emax2 circuit breakers feature direct communication capabilities for seven of the most popular industrial protocols, which simplifies network integration.”

The Emax2 offers two protection trip units. Ekip is designed for power distribution and Ekip G specifically addresses power generation applications. Both are available with three performance levels for simple or advanced applications such as measuring and protecting voltage, power and energy. The Emax trip unit features color touch-screen navigation with embedded ANSI codes and a wide variety of simple to install accessories to customize the breaker for your application and to increase safety. The Network Analyzer feature is standard in all Ekip Hi-Touch trip units. It analyzes the quality of power in real time, with extreme precision. As a result, it is possible to identify the causes of an increase of power loss or a reduction of the working life of cables and electronic devices without having to install external instrumentation.

To meet the demands of today’s installations, the Emax 2 power circuit breakers are available in four different sizes. The space optimized design decreases material needs for switchgear and adjustable terminals reduce the need to bend and extend bus bars. Hence customers can benefit from compact switchgear designs that can result in additional 25% in cost savings.

Photos can be found on the press area of our website www.abb.de.

ABB (www.abb.com) is a leader in power and automation technologies that enable utility, industry, and transport and infrastructure customers to improve performance while lowering environmental impact. The ABB Group of companies operates in roughly 100 countries and employs about 140,000 people.

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