Accurate and reliable measurement in power systems is essential for proper management and control of the grid. These long-standing, established, and reliable European sensors now have UL approval for use in the North American market.

Product types released
The following sensors are UL certified:
- KECA 80 C85, KECA 80 C184, KECA 80 D85, and KEVA 17.5 B21

Target markets
The United States is the target market for this release. As a new release of established products, all products have a reliable history of success and sustainability.

Product highlights
ABB indoor sensors are very efficient, have a much wider operating range, and are a smaller and safer alternative to traditional instrument transformers, provided compatible controllers or meters, such as ABB Relion IEDs, are available for use with the sensors. The sensors are easy to install as replacements for existing instrument transformers or may be used in new installations. They are highly accurate and allow detailed measurement in voltage and current applications.

Product characteristics
These sensors are constructed without a ferromagnetic core and therefore provide excellent linearity and accuracy measurement performance. The KECA current sensors are built using the Rogowski coil principle, while the KEVA voltage sensor uses the resistive divider principle. Major applications for the KECA and KEVA sensor families include, but are not limited to, switchgear and switches.

What’s new
- KECA: increased continuous thermal current, short-time thermal current, dynamic current, and extended primary current factor; UL certification
- KEVA: UL certification

Product documentation

Product availability
Offer and delivery from October 2019

Delivery time
Quantities < 20: 4 weeks
Quantities > 20: 6 weeks

Sales and engineering support
Contact the factory at +1 252 827 3212.