



SCHWEITZER ENGINEERING LABORATORIES, INC.

2350 NE Hopkins Court • Pullman, WA 99163-5603 USA

Phone: +1.509.332.1890 • Fax: +1.509.332.7990

www.selinc.com • info@selinc.com

FOR IMMEDIATE RELEASE

For more information, contact:

Kate Wilhite, Senior Marketing Communications Specialist

Schweitzer Engineering Laboratories, Inc. (SEL)

Phone: +1.509.336.7946

Fax: +1.509.334.8795

Email: kate_wilhite@selinc.com

The SEL-651R Advanced Recloser Control Now Offers More Communications Flexibility for Distribution Automation

PULLMAN, WA — August 13, 2012 — Schweitzer Engineering Laboratories, Inc. (SEL) today announced the release of new capabilities in the SEL-651R Advanced Recloser Control that improve reliability and communications for distribution automation.

New Ethernet communications allow users to integrate the SEL-651R into either Ethernet or serial-based communications networks with standard DNP3 or Modbus[®] protocols. The SEL-651R also has an option for IEC 61850. Ethernet provides another high-speed option for faster fault detection, isolation, and restoration (FDIR).

To improve system operation, the SEL-651R now includes IEEE C37.118 synchrophasor capability for applications such as phase identification, islanding detection of distributed generation, and wide-area monitoring, protection, and control.

“The SEL-651R is ideal for distribution automation applications with its six voltage inputs for both source- and load-side voltage sensing,” said Lee Underwood, SEL R&D Manager. “With the addition of synchrophasors and Ethernet communications, including IEC 61850 GOOSE, the SEL-651R is an even more powerful and flexible tool for fault detection, isolation, and restoration applications.”

SEL has also added a built-in web server to the SEL-651R for convenient, read-only access to basic recloser control information, such as settings, metering, status, and event history data, as well as for the secure, remote uploading of firmware. In addition to the new communications features, the new 60-cycle-length event reports and faster sampling rate of 128 samples per cycle provide better event analysis. There is also an additional 48 Vdc power supply option for substation applications.

The SEL-651R is compatible with a wide range of recloser manufacturers, including ABB, Cooper, G&W, Hawker Siddeley, Joslyn, Tavrída, Thomas & Betts, and Siemens.

The SEL-651R is available now for a list price of only \$5,750. For more information on features, benefits, and applications, visit www.selinc.com/p150.

SEL serves the power industry worldwide through the design, manufacture, supply, and support of products and services for power system protection, monitoring, control, automation, and metering. SEL offers unmatched local technical support, a worldwide, ten-year product warranty, and a commitment to making electric power safer, more reliable, and more economical.

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