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## News Release

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### **New Cooper Bussmann® Combiner Boxes and DC Safety Switches Meet Unique Solar Power Circuit Protection Requirements**

*60 Combiner Box configurations stocked for 3-day shipment.*

**St. Louis, MO, April 1, 2010** – Solar power system integrators and installation contractors can now turn to a single source for the entire DC circuit protection and disconnecting package – from the photovoltaic array to the utility. The new Cooper Bussmann® Combiner Box and DC Safety Switch lines provide application flexibility while adhering to the unique requirements of solar power production.

New **Combiner Boxes** from Cooper Bussmann, the industry leader in critical circuit protection, power management and electrical safety, offer complete flexibility with the number of circuits, enclosure types and fusing options. Sixty popular Combiner Box configurations in NEMA 4X fiberglass and plastic enclosures are in stock and available for our Quik-Ship service with shipment within three business days of the order versus the standard lead time of two to three weeks.

Select from three series, all including IP20 finger-safe CH Series modular fuse holders rated up to 30 amps and 600Vdc:

- The Standard Combiner Box Series (BCBS) includes four to 24 input circuits, is ETL Listed to UL 1741 Standard, and includes finger-safe power distribution blocks. This series is offered in steel or fiberglass NEMA 3, 3R, 4 or 4X enclosures with seamless door gaskets.
- The Integrated Disconnect Combiner Box Series (BCBD) is an all-in-one package that saves installation time and cost. This series offers the same features as the BCBS Series, but with the added choice of a 28, 55, 75, 150 or 245 amp-rated integrated disconnect to easily disconnect the power for servicing or safety.
- The space-saving Compact Combiner Box Series (BCBC) is ideal for residential and small commercial solar panel systems. This series utilizes a NEMA 4X polycarbonate enclosure as small as 6.5" x 6.5" x 4", and is available with two to six input circuits.

Cooper Bussmann Combiner Boxes can be ordered with fuses installed in the holders, eliminating unnecessary labor and the need for a separate purchase order.

The new Cooper Bussmann® Quik-Spec™ **Solar DC Safety Switch** provides *the* extra measure of protection as well as application flexibility.

This 600Vdc Safety Switch is available in single-pole fused and non-fused versions up to 200A with NEMA 3R, 12 and 4X enclosures, making it easy to apply in solar power applications. The isolated ground terminals (neutral) for grounded conductors and ground lug for equipment grounding conductor are included.

Now isolating DC circuits has never been easier or safer. A door interlock prevents opening the door while energized, but can be manually overridden for testing or inspection. A large, clear polycarbonate deadfront, which permits positive visual identification of the switch state, is standard on all models and greatly reduces accidental contact with live parts.

The Cooper Bussmann Safety Switch is listed to UL 98 and UL 50 standards, and is marked as suitable for NEC® Article 690 PV applications up to 600Vdc per UL 1741 requirements. The NEC® 690.14. (C) 2 required “PV System Disconnect” label is included. The flange handle is always in contact with the switch mechanism, and utilizes a lockout/tagout provision that accepts up to three padlocks to increase protection of workers.

Product information is available online at <http://www.cooperbussmann.com/AltEnergy>.

**Editor’s Note: For additional information, contact Lauren Ban at (412) 394-6611 or [Lauren.ban@bm.com](mailto:Lauren.ban@bm.com).**

### **About Cooper Bussmann**

Cooper Bussmann, the industry leader in critical circuit protection, power management and electrical safety, is a division of Cooper Industries plc (NYSE: CBE), and is headquartered in St. Louis, Missouri, USA. The company is committed to the development, manufacturing and marketing of innovative circuit and power electronics protection and power management products; and provides engineering, training and testing services globally for the electrical, electronics and transportation industries. The company provides superior brands, including Cooper Bussmann® circuit protection products and services, Coiltronics® magnetics, and OMNEX Trusted Wireless® systems. Additional information about Cooper Bussmann is available online at [www.cooperbussmann.com](http://www.cooperbussmann.com).

### **About Cooper Industries**

Cooper Industries plc (NYSE: CBE) is a global manufacturer with 2009 revenues of \$5.1 billion, approximately eighty-nine percent of which are from electrical products. Founded in 1833, Cooper's sustained level of success is attributable to a constant focus on innovation, evolving business practices while maintaining the highest ethical standards, and meeting customer needs. The Company has eight operating divisions with leading market share positions and world-class products and brands including: Bussmann electrical and electronic fuses; Crouse-Hinds and CEAG explosion-proof electrical equipment; Halo and Metalux lighting fixtures; and Kyle and McGraw-Edison power systems products. With this broad range of products, Cooper is uniquely positioned for several long-term growth trends including the global infrastructure build-out, the need to improve the reliability and productivity of the electric grid, the demand for higher energy-efficient products and the need for improved electrical safety. In 2009, sixty-one percent of total sales were to customers in the industrial and utility end-markets and thirty-nine percent of total sales were to customers outside the United States. Cooper has manufacturing facilities in 23 countries as of 2009. For more information, visit the website at [www.cooperindustries.com](http://www.cooperindustries.com).

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