



News Release

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EF1 Series power connector features quick and secure one-step connection via a snap-in lock, eliminating the need for contact screws...

130 AMP IN-LINE POWER CONNECTOR FROM HIROSE SIMPLIFIES ASSEMBLY

DOWNERS GROVE, ILLINOIS — March 24th, 2017 — Hirose, a leader in the development of innovative connector solutions, has developed a single-pole 160 Amp in-line power connector that supports a wide range of power control and battery applications. The high-current EF1 Series power connector utilizes a crimp contact that offers a quick and secure one-step connection. The snap-in lock produces a secure, locking connection and eliminates the need for contact screws, ensuring a stable and consistent connection.

The EF1 Series has a highly reliable contact spring design with multiple contact points. This design feature lowers the contact resistance and increases the current flow.

The EF1 Series connector is available in DIN rail and panel mount versions. Assembly is simple, and standard commercial crimp terminals can be used with the applicable 38 mm² (AWG#2) conductor size cable. Four types of keying are available to prevent mis-mating when using multiple connectors.

“The EF1 Series combines high-current capability with quick and easy assembly to offer a simple,

straightforward power connector solution,” said Rick van Weezel, Vice-President of Sales and Marketing for Hirose Electric USA. “By eliminating the need for screws, the EF1 eliminates the need for continued retightening, reducing maintenance time and cost, while increasing connector security and reliability.”

The robust EF1 Series is well suited for a wide range of power controllers, power inverters, storage batteries, medical devices, base transceiver stations, and robot controllers.

The EF1 Series has a rated voltage of 1000V AC/DC, a contact resistance of 0.5 milliohms, and an operating temperature of -25 degree C to 105 degree C.

For additional information about the EF1 Series connector, visit:

For more information on Hirose visit www.hirose.com/us.

<https://www.hirose.com/product/en/products/EF1/>



ABOUT HIROSE ELECTRIC

Hirose Electric Co., Ltd. is a leading global supplier of innovative interconnects, with sales of over \$1 billion to customers worldwide. Hirose employs advanced engineering services, superior customer support and worldwide manufacturing capabilities to provide value-based connector solutions for various industries including: industrial, telecommunication, consumer electronics, computer and automotive.

More information can be found on Hirose Electric’s corporate website at www.hirose.com.