



## News Release

FOR IMMEDIATE RELEASE

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***New HR41 Series weather resistant circular power connector is optimized for field assembly...***



### **HIROSE RELEASES IP68 POWER CONNECTORS DESIGNED FOR HARSH ENVIRONMENTS**

SIMI VALLEY, CA — October 27, 2014 — Hirose, a leader in the development of innovative connector solutions, has strengthened its circular power connector product offering with the development of the HR41 Series weather-resistant connector. The IP68-rated, waterproof connector is designed specifically for outdoor use in applications such as lighting (LED lighting, street lamps, tunnel lighting, marine/boating, agriculture and construction site lighting, base station transceiver systems (BTS) and electronic toll collection (ETC) systems.

When in the mated condition, the unique waterproof gasket design prohibits water intrusion while submerged in up to 2m water depth for 14 days. Featuring a light-weight and corrosion-resistant plastic body, the HR41 Series connector incorporates high lightning surge protection (15 kV), salt spray resistance (no corrosion after 1500 hours of salt spray) and high withstanding voltage ratings.

The HR41 Series is designed with sequential contact mating and sacrificial contact points for hot swap capability. Optimized for field assembly, the HR41 Series has a user-friendly bayonet lock with raised tactile plug alignment indicator and a secure cable clamp design. A highly reliable crimp contact ensures a safe and secure connection, and termination can be accomplished with a commercially-available crimp tool.

Available in either a three-position flange type or a five-position bulkhead type, the HR41 Series has an operating temperature range of -40°C to + 85°C, a contact resistance of 2m ohms maximum at 1A, and an insulation resistance of 5000M ohms maximum at 500V DC. The three position HR41 Series has a withstanding voltage rating of 4260V AC, rated voltage of 400V AC/DC and a rated

current of 20A. The five position version has a withstanding voltage rating of 2200V AC, rated voltage of 600V AC / 400V DC, and a rated current of 20A.

The HR41 Series is UL certified, and pending TÜV certification.

For additional information about the HR41 Series connectors, please visit: [www.hirose.com/us](http://www.hirose.com/us).

#### 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/us](http://www.hirose.com/us).