



News Release

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Small DF63W Series wire-to-wire connector delivers IP67-rated protection in a compact package...

WATER-RESISTANT IN-LINE POWER CONNECTOR FROM HIROSE

SIMI VALLEY, CA — September 29, 2015 — Hirose, a leader in the development of innovative connector solutions, has introduced the DF63W Series, a small wire-to-wire power connector capable of delivering up to 14 Amps. A slim design and all-plastic shell with smooth contour makes the DF63W Series ideal for wiring in small spaces. IP67-rated water-resistant protection is accomplished utilizing a wire seal and housing seal that is pre-assembled in the housing. The crimped contacts and wire are easily inserted through the seals to complete the cable assembly.

The small size and high durability of the DF63W Series connector makes it an ideal choice for LED lighting, consumer and home appliances, food processing machinery, automatic ticket gates, medical devices, motorized bicycles, robotic machinery, and security systems.

Available in a 2-position single-row, 3-position double-row, and 4-position double-row version, the DF63W Series connector accepts AWG from 16 to 22. Two different keying types are offered in black and white colors to prevent cross-mating in multi-use applications.

“Designed for environments that require IP67 sealing and small size, the compact DF63W Series in-line connector simplifies wiring in narrow spaces,” said Rick van Weezel, Vice-President of Sales and Marketing for Hirose Electric USA.

Utilizing a highly reliable contact structure, the DF63W Series delivers ruggedized connectivity that is resistant to shock and vibration and minimizes contact fretting.

The DF63W Series connector features a center latch that provides a tactile click during mating and visual confirmation of a completed lock condition. The latch is also protected by tapered side guards that prevent entanglement in the conduit and accidental unmating.

The DF63W design has no exposed metal components, reducing the possibility of shock and arcing.

In addition, the plug and receptacle use the same crimping applicator, potentially reducing cable assembly tooling costs.

The DF63W Series features a voltage rating of 630V AC/DC, a contact resistance of 10 m ohms maximum, and an insulation resistance of 1000 M ohms minimum. The DF63W Series has a mating durability of 30 full insertion/withdrawal cycles and an operating temperature range of -40°C to +105°C.

For additional information about the DF63W Series connectors, please visit: 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.