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**Connectors for extreme conditions of use**

Phoenix Contact has developed the new Heavycon HPR connector range for use in transport and traffic technology.

The sleeve, panel mounting base, and box mounting base correspond to the established standard for safe transmission of signals and power circuits to rail vehicles. The connector range is suitable for highly demanding outdoor environments. The housings are designed for extreme environmental conditions such as fast temperature change, ice and snow, vibration, shock, and falling rocks. They provide IP68 and IP69k protection. Comprehensive protection is thereby ensured in the event of electromagnetic interference fields.

The sleeve and supporting base elements are locked using two solid M6 stainless steel screws. The seals are covered and integrated into the housing and the four mounting screws of the panel mounting base are located within the sealed area. Standard contact inserts, mixed contact inserts, and contact insert modules can be used in the sizes B06, B10, B16, and B24.

**Ends**

**September 2014**

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